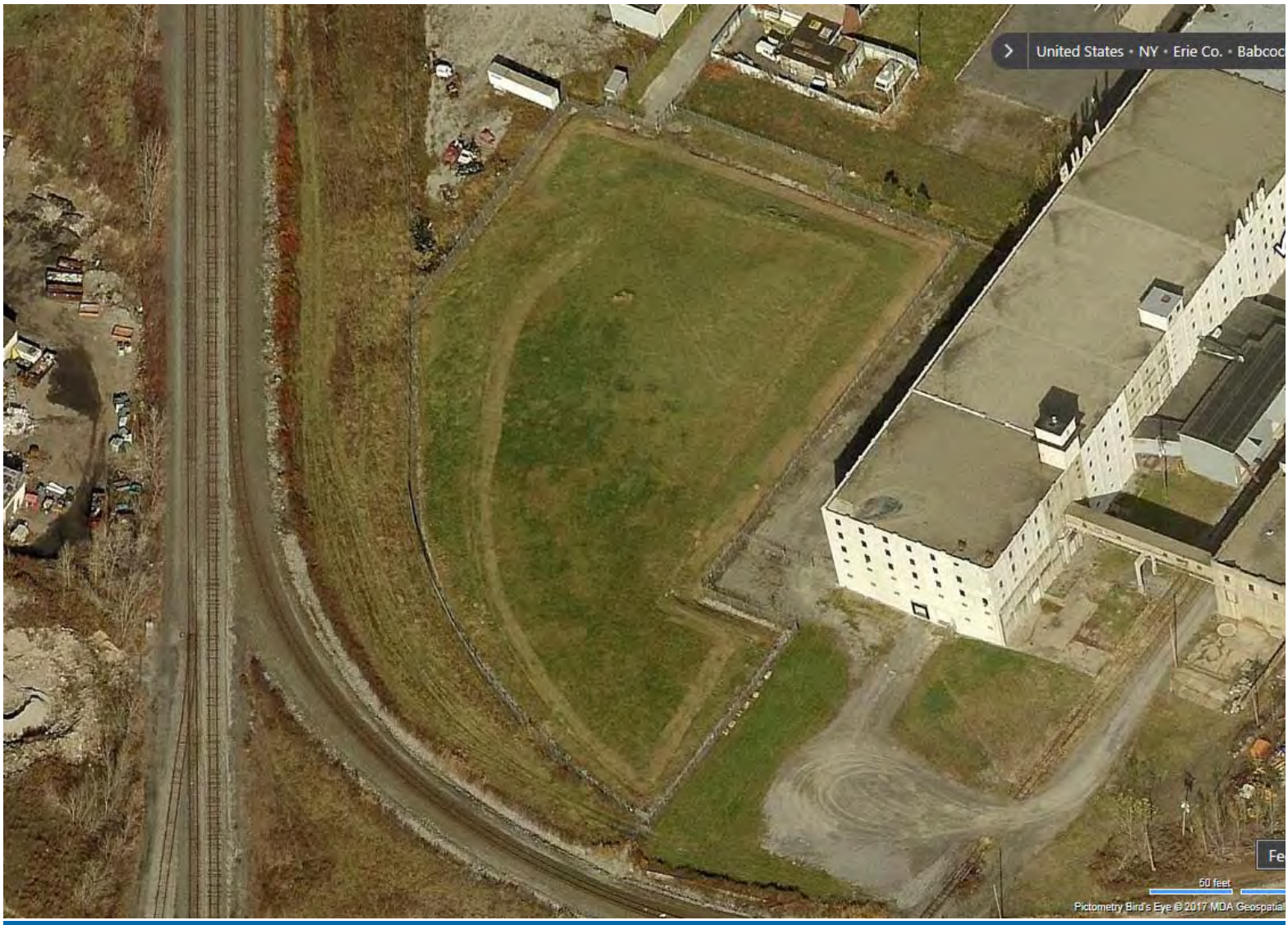


2017 PERIODIC REVIEW REPORT

Bern Metal Corporation
NYSDEC ID: C915135

17-039-1144

Prepared for:

City of Buffalo
Office of Strategic Planning
Division of Environmental Affairs

Prepared by:

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York 14209

June 13, 2017

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1.0 Introduction

LiRo Engineers, Inc. (LiRo) has prepared this Periodic Review Report (PRR) on behalf of the City of Buffalo (COB) to summarize the post remedial status of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. 915135, located at 22 Bender Street in the City of Buffalo, Erie County, New York (Site; see Figure 1).

This PRR has been prepared for the Bern Metal Corporation Site in accordance with NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation.* The NYSDEC Institutional and Engineering Controls (IC/EC) Certification Form has been completed for the Site (Appendix A). This PRR and associated inspection form have been completed for the post-remedial activities at the Site for the reporting period from July 28, 2009 to May 15, 2017.

1.1 Background Information

The Bern Metal Corporation Site (Site) is located at 22 Bender Street in the City of Buffalo, Erie County, New York (Figure 1).

The Site previously consisted of two properties known as: Bern Metals (approximately 3.7 acres) and Universal Metals (approximately 1.5 acres). The Site was an abandoned scrap reprocessor. Based on complaints from citizens, NYSDEC conducted a Phase I Investigation in 1987. Approximately 200 55-gallon drums were found on the Bern Metals property, along with other wastes including: metal turnings, waste chemicals, sludges, battery cases, and spilled battery acids. Subsequently, 25 leaking transformers containing PCBs were found on the Universal Metals property.

1.2 Regulatory History

In 1990 the United States Environmental Protection Agency (USEPA) conducted an emergency removal at the Site. Drums, gas cylinders, and transformers were removed from the Site. Under order by USEPA in 1994, a group of potentially responsible parties (PRPs) remediated neighboring residential properties and erected a fence around the contaminated Site. The PRPs conducted a Remedial Investigation and Feasibility Study (RI/FS) of the Site during the period from 1993 to 1995.

The Record of Decision (ROD) was signed in 1996 which required the contaminated soils be consolidated and properly capped. Under a separate New York State consent order, the PRPs consolidated and capped the waste onto the property known as Bern Metals (approximately 3.7 acres), completing the project in 2002. The long-term Operation, Maintenance, and Monitoring Plan is in effect and is being implemented by the City of Buffalo.

The Universal Metals property has been remediated as required by the ROD.

2.0 Site Overview

The Bern Metal Site is an approximately 3.7 acre capped landfill located at 22 Bender Street in the City of Buffalo, Erie County, New York (Figure 1). The landfill was completed in 2002 and the long-term Operation, Maintenance, and Monitoring Plan (OMM) prepared by Blasland, Bouk, and Lee, Inc. (BBL) was implemented in 2003 by the City of Buffalo.

3.0 Site Management

3.1 Monitoring and Maintenance Program

3.1.1 Groundwater Monitoring

The OMM specified that during the first two years of the OMM program, groundwater sampling would be performed on a semi-annual basis and the first two groundwater sampling events would include analysis for cadmium, chromium, lead, manganese, zinc, polychlorinated biphenyls (PCBs), and benzene, toluene, ethylbenzene, and xylenes (BTEX). After a review of the first two rounds of groundwater sampling data and as approved by the NYSDEC, the analyses were reduced to lead analysis only. Following the first two years of groundwater sampling, the groundwater sampling frequency was reduced to annually. The last annual groundwater sampling event was performed on May 14, 2009. The following groundwater monitoring activities were performed during this PRR reporting period to assess Site conditions:

- Groundwater sample collection from monitoring wells RD-1, RD-2, RD-3R, RD-4, and RD-5 using low-flow sampling techniques;
- Analysis of field parameters (pH, oxidation-reduction potential, temperature, turbidity, and specific conductivity) at each monitoring well during the low-flow sampling procedure;
- Analysis of the collected samples for total lead by a NY State Department of Health ELAP-certified laboratory;
- Inspection and documentation of the structural integrity of the monitoring wells; and,
- Collection of groundwater elevation data from all monitoring wells (RD-1, RD-2, RD-3R, RD-4, and RD-5).

Groundwater level monitoring and sampling was performed on May 3, 2017.

Water levels were measured in each of the five Site monitoring wells.

Table 1 provides a summary of the groundwater elevation data from the Site monitoring wells that were measured on May 3, 2017. Figure 3 presents an isopotential groundwater surface map at the time of groundwater measurement.

Following collection of monitoring well water levels, monitoring wells were sampled using standard low-flow sampling techniques. A “blind” duplicate sample (RD-DUP) was collected from monitoring well RD-2 as a quality control/quality assurance check.

Purged groundwater was collected and is containerized in a 55-gallon steel drum that was placed within the Site perimeter fence. Based on the analytical results and pending approval from the Buffalo Sewer Authority, this water will be disposed to the adjacent storm sewer catch basin.

Laboratory analytical results and field parameters collected from the Site monitoring wells on May 3, 2017 are summarized in Table 2. Monitoring well purge and sample logs are provided in Appendix D. Laboratory analytical reports are provided in Appendix E.

3.1.2 Site Inspection and Certification

In accordance with NYSDEC DER-10 6.3(a)(4), this PRR is to provide the information necessary to document the basis for the IC/EC certification. The certification primarily consists of a Site inspection to complete the NYSDEC's IC/EC Certification Form in order to confirm that the IC/ESs:

- Are in place, performing properly, and remain effective;
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment;
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls; and,
- That access is available to the Site to evaluate continued maintenance of such controls.

A Site inspection of the property was conducted on April 27, 2017 by a LiRo employee who meets the requirements of a Qualified Environmental Professional (QEP). The Site inspection included the following components:

- Final cover system;
- Stormwater drainage system;
- Site access and security systems; and
- Site monitoring wells.

During the inspection of the final cover system, approximately six (6) active rodent burrows were found. These were mostly located from the middle to top of the side slope of the landfill on the north and east sides. The vegetative cover was found to be in very healthy condition with only a couple of areas with sparse growth, likely due to excessive moisture. Erosion, vehicle ruts, ponding water, tree and brush growth and protruding objects were not observed.

During the inspection of the stormwater drainage system, early growth of Japanese Knotweed and other shrubs were observed in areas within the perimeter drainage ditch. An approximate 10-foot long section of the perimeter drainage ditch in the vicinity of monitoring well RD-5 was found to have been infilled with sediment. Wet conditions were noted east of the infilled section of ditch on the adjacent property.

The Site monitoring wells were found to be in good condition, however, two of the Site monitoring well protective casings could not be opened. It was found that the protective casings and concrete pads at monitoring wells RD-1 and RD-2 had settled approximately 3 to 4 inches preventing the casings to open past the well riser. Repairs were made to each of these monitoring wells on May 3, 2017.

At the time of the inspection, the Site was generally in compliance with the EC/ICs. Appendix A includes the completed Institutional and Engineering Controls Certification form and Appendix B contains the completed Site inspection form. Appendix C provides a photographic log showing the current condition of the Site.

3.2 Engineering and Institutional Control Requirements and Compliance

The following engineering and institutional controls are to be maintained as a requirement of the BCA for the Site:

- **Engineering Controls**: Engineering controls for the Site consist of a cover system and fencing.

  The Site cover system and Site fencing continue to operate as designed and are being maintained and monitored as required.

- **Institutional Controls**: Institutional controls for the Site consist of a groundwater use restriction and implementation of the Site Operation, Maintenance, and Monitoring Plan.

  The monitoring and maintenance activities are being conducted.

4.0 Conclusions and Recommendations

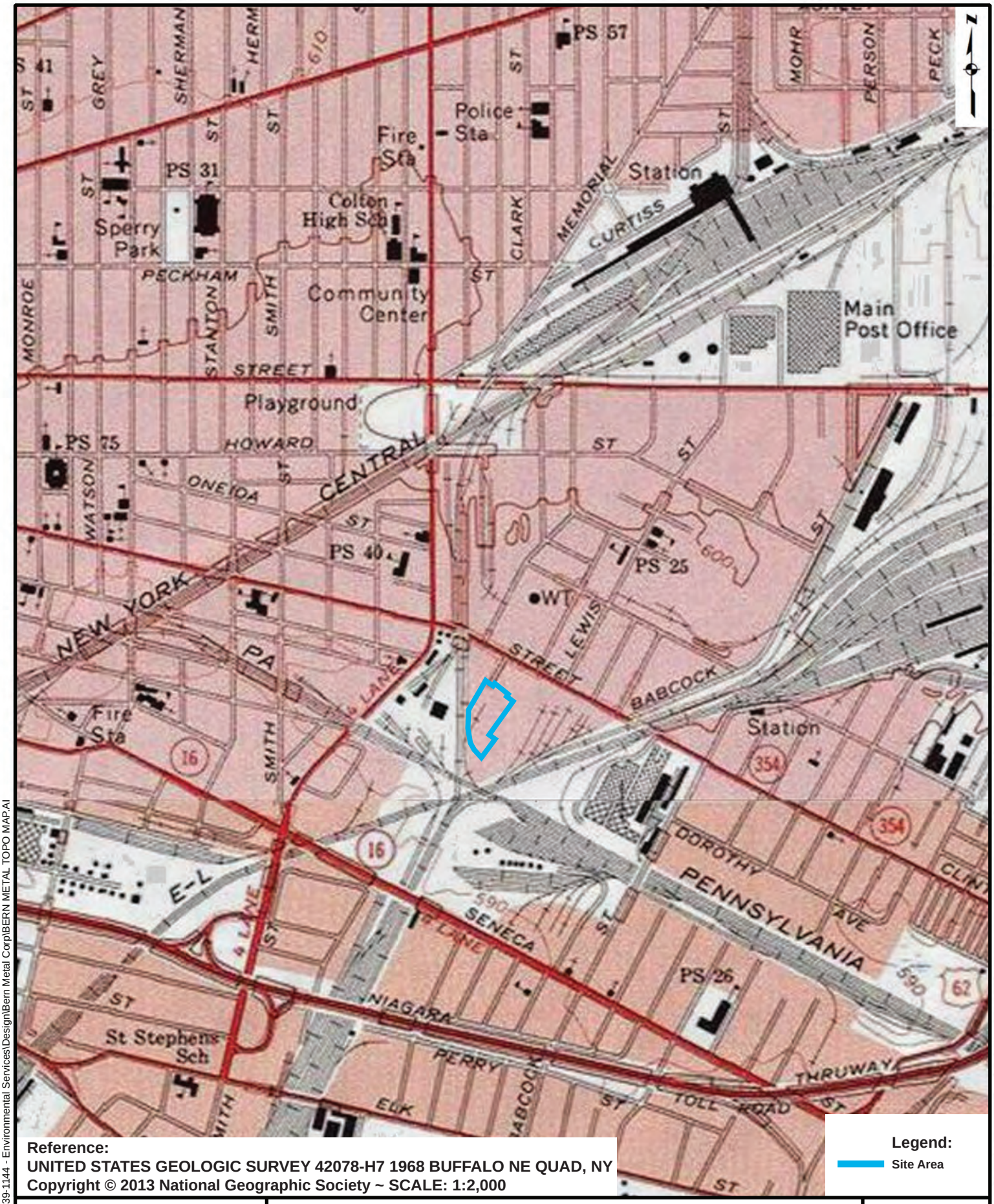
Conclusions from the monitoring, maintenance, and inspection activities performed during the current PRR reporting period are as follows:

- At the time of the Site inspection, the Site was in compliance with the Engineering and Institutional Controls including: groundwater monitoring, inspection, and maintenance of the groundwater monitoring wells; and, inspection and maintenance of the Site cover and fencing.
- Analytical results obtained from the five (5) Site monitoring wells during May 2017 indicate that total lead concentrations are below the Class "GA" Groundwater Quality Standard (GWQS) of 0.025 milligrams per liter (mg/L). These results are consistent with previous (2003 through 2009) sampling events.
- Based on visual inspection, the groundwater monitoring wells were observed to be structurally sound with the following exceptions:
    - During the inspection, in order to access the monitoring wells, the locks were cut and removed.
    - The protective casings and concrete pads at monitoring wells RD-1 and RD-2 have settled which resulted in the inability to open the protective casings. This condition was remedied at each location during the groundwater monitoring event on May 3, 2017.

Based on the conclusions presented above, the Site has been in operation and compliance with the Site Monitoring and Maintenance Plan for nearly 13 years with little to no change in groundwater quality since 2003. Similarly, the groundwater flow pattern has shown little to no change during this period. LiRo recommends the following with regards to the operation, maintenance, and monitoring at the Site:

- Site inspections should be performed annually during the spring;
- Groundwater monitoring should be performed quinquennially (every 5 years);
- Removing accumulated silt from a portion of the perimeter drainage ditch;
- Replacing the padlocks at each of the Site monitoring wells;
- Baiting and trapping for rodent control should be initiated each spring;
- Backfilling of rodent burrows should be completed following removal of rodents; and,
- Continued removal of vegetation from the perimeter drainage ditch to reduce the risk of vegetative spread onto the landfill cap.

Figures



Reference:
UNITED STATES GEOLOGIC SURVEY 42078-H7 1968 BUFFALO NE QUAD, NY
Copyright © 2013 National Geographic Society ~ SCALE: 1:2,000

Legend:
Site Area

V:\City of Buffalo\17-039-1144 - Environmental Services\Design\Bern Metal Corp\BERN METAL TOPO MAP.AI

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690 Delaware Ave.
Buffalo, New York

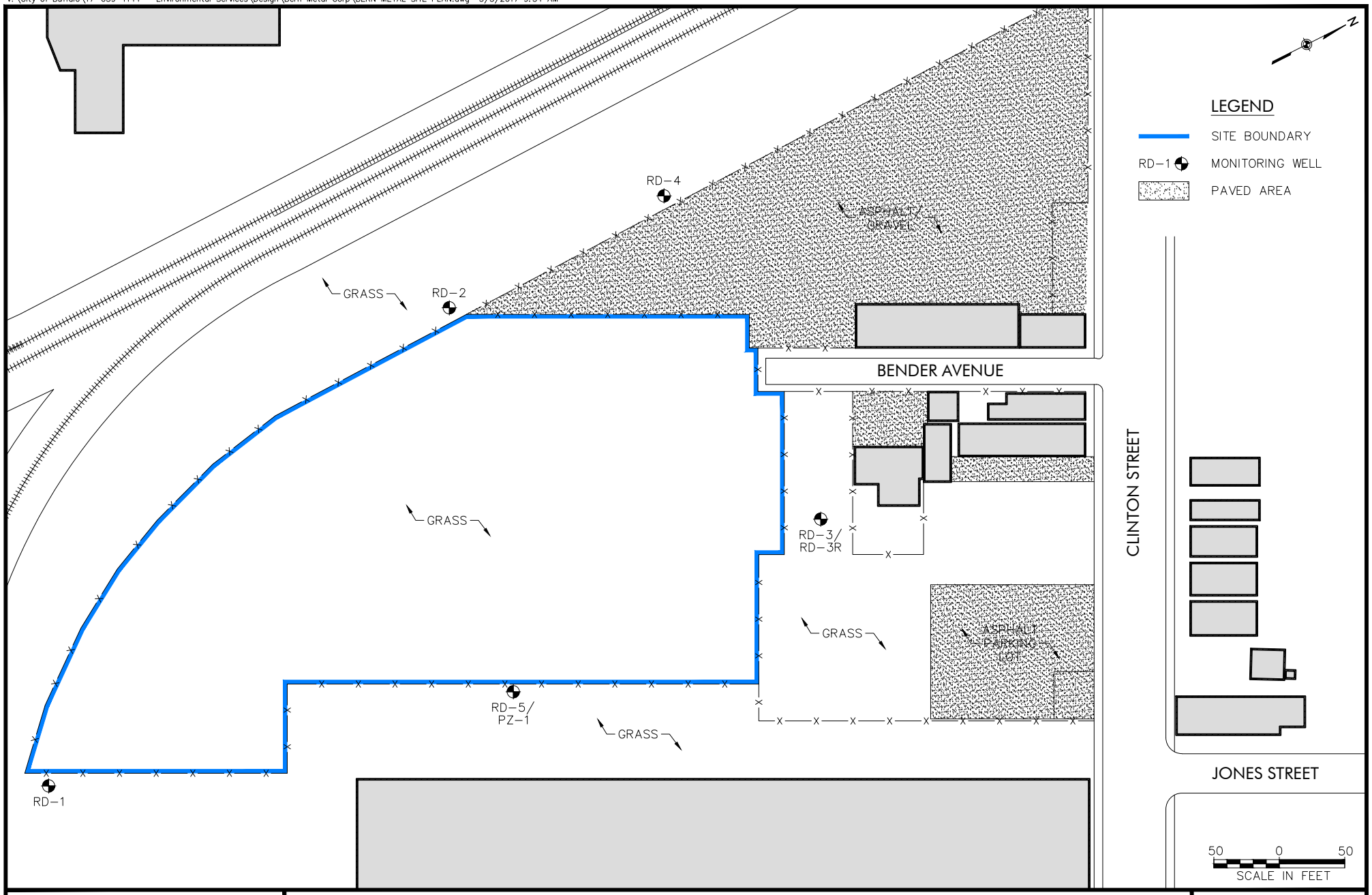
BERN METAL CORPORATION
SITE TOPOGRAPHIC LOCATION MAP

FIGURE NO.

1

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LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

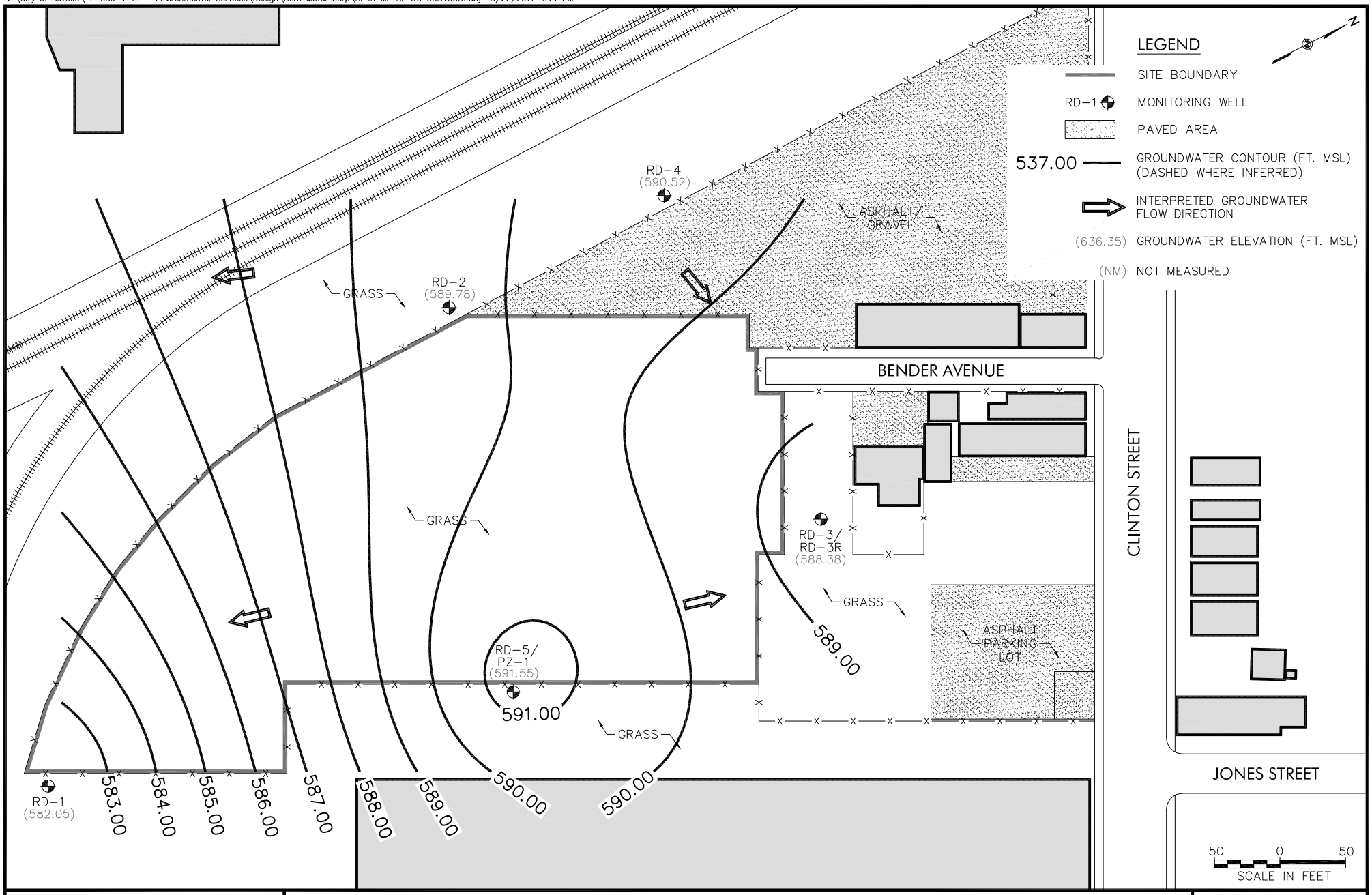
BERN METAL CORPORATION
SITE PLAN

FIGURE NO.

2

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LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

BERN METAL CORPORATION
ISOPOTENTIAL GROUNDWATER ELEVATION MAP - MAY 3, 2017

FIGURE NO.

3

Tables

TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS
MAY 2017 MONITORING EVENT

Bern Metals Site (915135)
City of Buffalo, New York

Well ID	Top of Casing Elevation (ft. AMSL)	5/3/17 Depth to Water (ft. BTOC)	Groundwater Elevation (ft. AMSL)
RD-1	588.9	6.85	582.05
RD-2	597.6	7.82	589.78
RD-3R	592.9	4.52	588.38
RD-4	597.2	6.68	590.52
RD-5	595.7	4.15	591.55

Notes:
ft. AMSL - feet above mean sea level.
ft. BTOC - feet below top of casing.
NM - Not measured.
NA - Not available

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
MAY 2017 MONITORING EVENT

Bern Metals Site (915135)
City of Buffalo, New York

PARAMETER	Monitoring Location					Class "GA" GWQS[2]
	RD-1	RD-2	RD-3R	RD-4	RD-5	
Field Measurements						
pH (standard units)	6.6	6.24	6.86	6.54	6.58	6.5 - 8.5
Temperature (°C)	9.75	8.48	9.97	9.02	11.8	NA
Specific Conductance (mS/cm)	0.427	0.703	1.84	0.875	0.662	NA
Turbidity (NTU)	0	0	0	1.3	9.6	NA
ORP (mV)	33	182	72	-18	37	NA
Dissolved Oxygen (mg/L)	0	3.07	0	0	0	NA
Appearance (visual)	Clear	Clear	Clear	Clear	Clear	NA
Odor (olfactory)	None	None	None	None	None	NA
Inorganic Compounds (mg/L)						
Total Lead	0.00076 J	0.00021 J	0.00065 J	0.00032 J	0.0001 J	0.025

Notes:

1 - Reported values represent the average value of sample and duplicate sample results.

2 - NYSDEC Class "GA" Groundwater Quality Standards/Guidance Values (GWQS/GV) as per 6 NYCRR Part 703.

J - Estimated value.

Bold - represents exceedance of GWQS.

NA - Not Applicable; a GWQS has not been established for this parameter.

Appendix A
PRR Certification Form

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **915135**

Site Name Bern Metal Corp.

Site Address: 22 Bender Street Zip Code: 14206
City/Town: Buffalo
County: Erie
Site Acreage: 3.7

Reporting Period: July 28, 2009 to May 15, 2017

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Closed Landfill	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 915135 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
111.84-2-15.1	Bernard Arwitz	Ground Water Use Restriction
		O&M Plan

i) Implementation of Operation, Maintenance, and Monitoring Plan, dated May, 2003. ii) Prohibition of use of groundwater iii) Maintenance of fencing

111.84-2-16	Bernard Arwitz	Ground Water Use Restriction O&M Plan
		Ground Water Use Restriction O&M Plan

i) Implementation of Operation, Maintenance, and Monitoring Plan, dated May, 2003. ii) Prohibition of use of groundwater iii) Maintenance of fencing

Box 4

Description of Engineering Controls

Parcel	Engineering Control
111.84-2-15.1	Cover System
	Fencing/Access Control

i) Implementation of Operation, Maintenance, and Monitoring Plan, dated May, 2003.
ii) Prohibition of use of groundwater
iii) Maintenance of fencing

111.84-2-16	Cover System
	Fencing/Access Control
	Cover System
	Fencing/Access Control

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 915135

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jon Williams (print name) at 690 Delaware Ave. Buffalo, NY 14209. (print business address)

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

6/13/17
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Martin Wesolowski at 690 Delaware Ave, Buffalo NY 14209
print name print business address

am certifying as a Professional Engineer for the City of Buffalo
(Owner or Remedial Party)



6/13/2017

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

Date

Appendix B
Site Inspection Form

Post-Closure Inspection Form for Operation, Maintenance, and Monitoring
Bern Metal/Universal Metal Site
Buffalo, New York

Date: 4/27/17
Weather: Sunny 70°

Inspector(s): Jon Williams

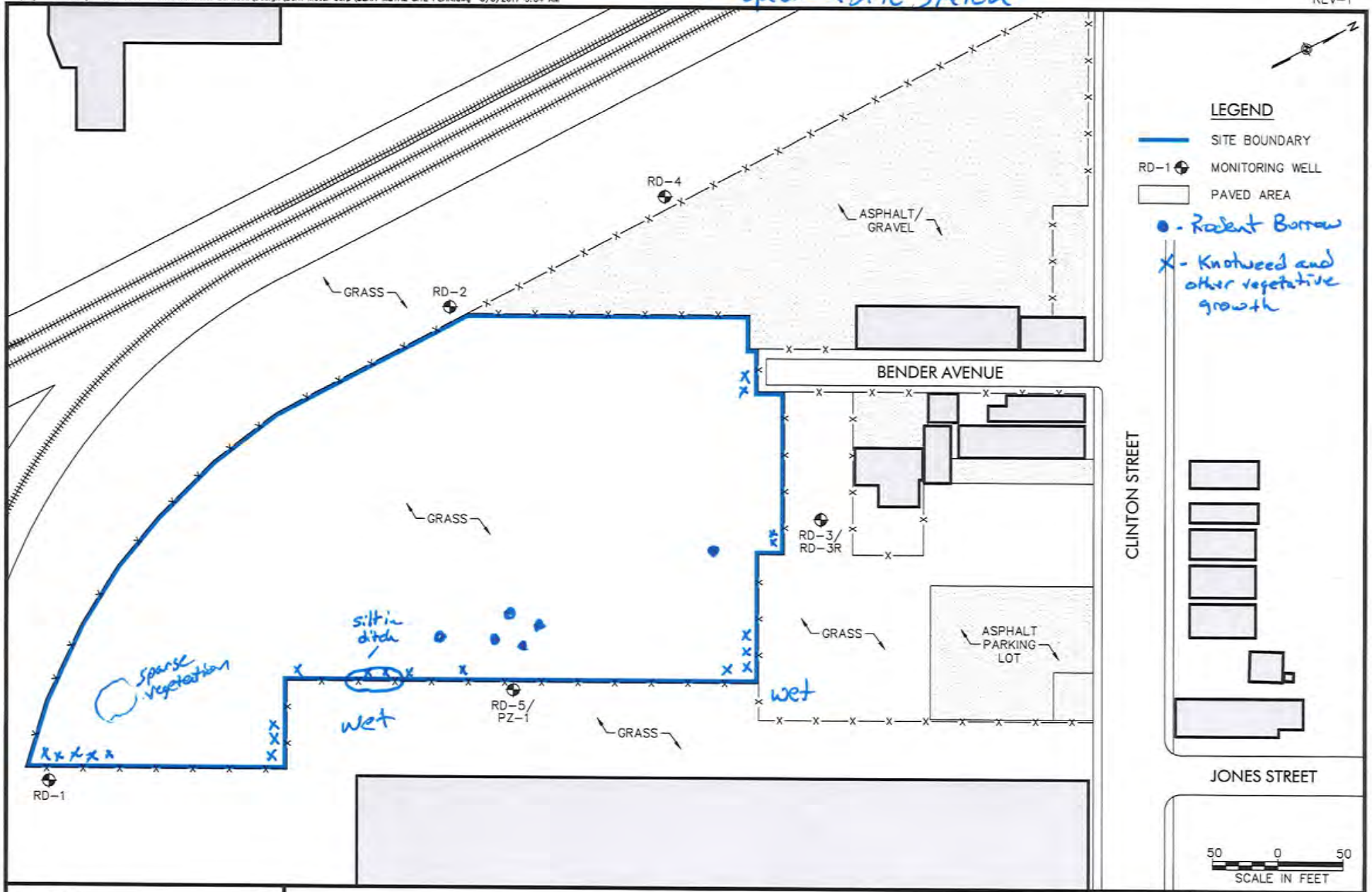
Inspection Items	Acceptable Yes	Acceptable No	Comments/Conditions
1. General Site Conditions			
Gates Locked and Secure	X		Some Japanese knotweed starting to grow in areas within perimeter drainage system.
Perimeter Fence/ Warning Signs	X		
Perimeter Vegetation	X		
Trash or Litter	X		
Survey Control Monuments			
2. Maintenance Road Condition			
Surface	X		
Accessability	X		
3. Final Cover Vegetation			
General Grass Growth	X		Few areas with sparse vegetation
Stressed Vegetation	X		
Animal Burrows		X	6 active burrows found
Tree or Bush Growth	X		
Protruding Objects/Settlement	X		
Ponding Water	X		
Erosion	X		
4. Storm Water Drainage System			
Mid-Slope Drainage Swales	X		Approx. 10 ft. section of drainage ditch near RD-5 has filled in. Some water seepage onto adjacent property in this area.
Perimeter Drainage Ditch		X	
Outlet Drainage Ditch	X		
Catch Basins	X		
5. Groundwater Monitoring Wells			
Casings Secure and Locked	X		locks cut, secured with z/p ties.
6. Other Items			
RD-1 and RD-2			Protective casings and concrete pads have settled.

Sketch: See attached.

April 2017 Inspection Site sketch

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LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

BERN METAL CORPORATION
SITE PLAN

FIGURE NO.
2

Appendix C
Site Photographs

Site Photos



Top of landfill facing south.



Top of landfill facing east.

Site Photos



West side of landfill facing north.



Rodent burrow on east side of landfill.

Site Photos



Rodent burrow on east side of landfill.



Rodent burrow on east side of landfill.

Site Photos



Rodent burrow on east side of landfill.



Rodent burrow on north side of landfill.

Site Photos



Drainage culvert at south end of landfill.



Drainage culvert at north end of landfill.

Site Photos



Perimeter drainage ditch along east side of landfill.



Perimeter drainage ditch along east side of landfill.

Site Photos



East side drainage ditch with silt accumulation.



Perimeter drainage ditch along north fence.

Site Photos



Vegetation in perimeter drainage ditch near RD-1.



Perimeter drainage ditch on west side of landfill.

Site Photos



Monitoring well RD-1.



Monitoring well RD-2

Site Photos



Monitoring well RD-3



Monitoring well RD-4

Appendix D
Monitoring Well Purge and Stabilization Logs

MONITORING WELL RECORD FOR LOW-FLOW PURGING

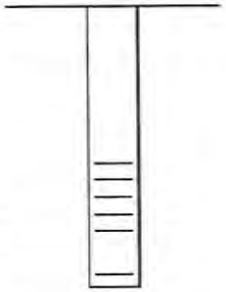
Project Data:

Project Name: Bern Metals
Ref. No.: 17-039-1144
Date: 5/3/17
Personnel: J. Williams

Monitoring Well Data:

Well No.: RD-1
Vapour PID (ppm): 0
Measurement Point: TOC
Constructed Well Depth (m/ft): NA
Measured Well Depth (m/ft): 11.5
Depth of Sediment (m/ft): NA

Saturated Screen Length (m/ft): 4.65
Depth to Pump Intake (m/ft)[1]: 11
Well Diameter, D (cm/in): 2 inch
Well Screen Volume, V_s (L)[2]: 0.8 gal.
Initial Depth to Water (m/ft): 6.85



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
			Precision Required:	±3 %	±3 %	±10 %	±10 %	±0.1 Units	±10 mV		
1250	~200	start	Purge								
1255	~200	7.2	0.35'	9.47	0.577	54.4	0.49	6.94	-14		
1300	~200	7.2	0.35	9.76	0.443	3.4	0	6.76	12		
1305	~200	7.2	0.35	9.80	0.430	1.7	0	6.68	24		
1310	~200	7.2	0.35	9.76	0.420	0.8	0	6.63	32		
1315	~200	7.2	0.35	9.75	0.427	0	0	6.60	33	1.5 gallons	
1320	- collect	sample	RD-1	for total lead analysis.							

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

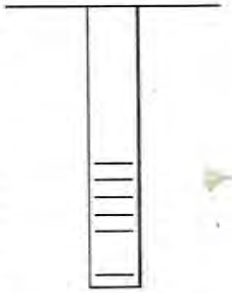
MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Bern Metals
Ref. No.: 17-039-1144
Date: 5/3/17
Personnel: J. Williams

Monitoring Well Data:

Well No.: RD-2
Vapour PID (ppm): 0
Measurement Point: TOC
Constructed Well Depth (m/ft): NA
Measured Well Depth (m/ft): 11.75
Depth of Sediment (m/ft): NA
Saturated Screen Length (m/ft): 3.93'
Depth to Pump Intake (m/ft)[1]: Bottom
Well Diameter, D (cm/in): 2-inch
Well Screen Volume, V_s (L)[2]: 0.67 gallons
Initial Depth to Water (m/ft): 7.82



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
			Precision Required:	±3 %	±3 %	±10 %	±10 %	±0.1 Units	±10 mV		
1108		Start Purge									
1113	~300	8.65	0.8'	8.73	0.685	1.4	9.18	6.25	184	slow pumping rate	
1118	~200	8.90	1.1'	8.76	0.663	0	7.15	6.27	184		
1123	~200	9.25	~1.9'	8.40	0.672	0	3.99	6.24	186	can't go slower	
1128	~200	9.5	~1.4	8.53	0.686	0	3.46	6.23	183		
1131	~200	9.8'	~1.7'	8.48	0.703	0	3.07	6.24	182	2.5 gallons	
		1135 -	collect Samples -	RD-2 and RD-Dup.	for total lead analysis						

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

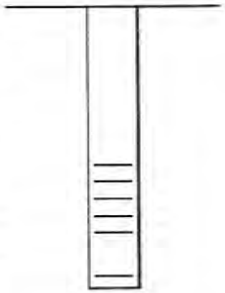
Project Data:

Project Name: Bern Metals
Ref. No.: 17-039-1144
Date: 5/3/17
Personnel: J. Williams

Monitoring Well Data:

Well No.: RD-3R
Vapour PID (ppm): 0
Measurement Point: TOC
Constructed Well Depth (m/ft): NA
Measured Well Depth (m/ft): 11.5
Depth of Sediment (m/ft): NA

Saturated Screen Length (m/ft): 6.98
Depth to Pump Intake (m/ft)[1]: 10
Well Diameter, D (cm/in): 4"
Well Screen Volume, V_s (L)[2]: 8.6 gal.
Initial Depth to Water (m/ft): 4.52



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]	
			Precision Required:	±3 %	±3 %	±10 %	±10 %	±0.1 Units	±10 mV			
1405	~200	start	Purge									
1410	~200	4.9	0.4	9.89	1.86	0	0	7.49	60			lower pump rate
1415	~150	5.0	0.48'	9.87	1.87	0	0	7.16	65			
1420	~150	5.05	0.53'	9.92	1.88	0	0	6.96	68			
1425	~150	5.06	0.54'	9.96	1.85	0	0	6.86	70			
1430	~150	5.06	0.54'	9.97	1.84	0	0	6.86	72	2 gallons		
1435 -	Collect	Sample	RD-3R	for total	lead	analysis.						

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

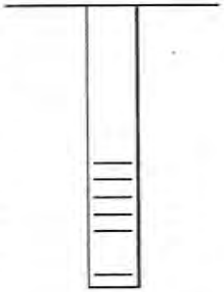
Project Data:

Project Name: Bern Metals
Ref. No.: 17-039-1144
Date: 5/3/17
Personnel: J. Williams

Monitoring Well Data:

Well No.: RD-4
Vapour PID (ppm): 0
Measurement Point: TOC
Constructed Well Depth (m/ft): NA
Measured Well Depth (m/ft): 17.7'
Depth of Sediment (m/ft): NA

Saturated Screen Length (m/ft): 11.02
Depth to Pump Intake (m/ft)[1]: 16
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)[2]: 1.9 gallons
Initial Depth to Water (m/ft): 6.68



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
			Precision Required:	±3 %	±3 %	±10 %	±10 %	±0.1 Units	±10 mV		
1155	Start Purge		~200 mL								
1200	~400			9.01	0.981	12.8	0	6.73	7	slow pumping rate	
1205	~200	8.5	1.8'	9.14	0.967	5.7	0	6.65	-3		
1210	~200	8.5	1.8'	9.17	0.922	0	0	6.62	-10		
1215	~200	8.55		9.09	0.866	0	0	6.57	-14		
1220	~200	8.53		9.02	0.875	1.3	0	6.54	-18	2 gallons	
		1225 -	Collect Sample	RD-4	for total lead	analysis					

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Bera Metals
Ref. No.: 17-039-1144
Date: 5/3/17
Personnel: J. Williams

Monitoring Well Data:

Well No.: RD-5
Vapour PID (ppm): 0
Measurement Point: TOC
Constructed Well Depth (m/ft): NA
Measured Well Depth (m/ft): 12.0
Depth of Sediment (m/ft): NA

Saturated Screen Length (m/ft): 7.85
Depth to Pump Intake (m/ft)[1]: 10
Well Diameter, D (cm/in): 2"
Well Screen Volume, V_s (L)[2]: 1.3 gal.
Initial Depth to Water (m/ft): 4.15



Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level[3] (m/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged[4]
			Precision Required:	±3 %	±3 %	±10 %	±10 %	±0.1 Units	±10 mV		
1325	~200	Start Purge									
1330	~200	5.7	1.35'	11.12	0.664	17.2	0	6.97	78	slow pumping rate	
1335	~150	6.7	2.35'	11.59	0.653	15.4	0	6.74	70	Can't pump slower	
1340	~150	6.7	2.35'	11.89	0.650	11.6	0.4	6.67	46		
1345	~150	6.75	2.4	11.83	0.663	11.4	0.15	6.62	37		
1350	~150	6.72	2.37'	11.80	0.662	9.6	0	6.58	37	1.5 gallons	
1355 - collect Sample RD-5 for total lead analysis.											

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s=\pi*(r^2)*L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_s=\pi*(r^2)*L*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing), No. of Well Screen Volumes Purged= Vp/Vs.

Appendix E
Laboratory Analytical Reports
(Included on Attached CD)

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

DATA PACKAGE

METALS

PROJECT NAME : BERN METAL

LIRO ENGINEERS, INC.

690 Delaware Ave.

Buffalo, NY - 14209

Phone No: 716-882-5476

ORDER ID : I2979

ATTENTION : Jon Williams

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH

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Cover Page

Order ID : I2979

Project ID : Bern Metal

Client : LiRo Engineers, Inc.

Lab Sample Number	Client Sample Number
I2979-01	RD-2
I2979-02	RD-DUP
I2979-03	RD-4
I2979-04	RD-1
I2979-05	RD-5
I2979-06	RD-3R

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : Mildred V Reyes

APPROVED

Date: 5/18/2017

By Mildred V Reyes, QAQC Supervisor at 12:35 pm, May 18, 2017

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

LiRo Engineers, Inc.
Project Name: Bern Metal
Project # N/A
Chemtech Project # I2979
Test Name: Metals Group3

A. Number of Samples and Date of Receipt:
6 Water samples were received on 05/04/2017.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Metals Group3. This data package contains results for Metals Group3.

C. Analytical Techniques:
The analysis of Metals Group3 was based on method 6020 and digestion based on method 3010 (waters).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate (RD-2DUP) analysis met criteria for all samples except for Lead.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_ Mildred V Reyes

APPROVED
By Mildred V Reyes, QAQC Supervisor at 12:35 pm, May 18, 2017

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

QA Control # A3040961

CHEMTECH 284 Sheffield Street, Mountainside New Jersey 07092
NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

METALS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: I2979 MATRIX: Water

METHOD: 6020

		NA	NO	YES
1.	Calibration Summary met criteria.			✓
2.	ICP Interference Check Sample Results Summary Submitted.			✓
3.	Serial Dilution Summary (if applicable) Submitted.			✓
4.	Laboratory Control Sample Summary (if applicable) Submitted.			✓
5.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Met Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
7.	Sample Duplicate Analysis Met QC Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Duplicate (RD-2DUP) analysis met criteria for all samples except for Lead.			
8.	Digestion Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

REVIEWED
By kalpana, Data Reviewer at 11:59 am, May 18, 2017
QA REVIEW

_____
Date

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: I2979

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

1st Level QA Review Signature: UPENDRA VIRPURA **Date:** 05/18/2017

2nd Level QA Review Signature: REVIEWED By kalpana, Data Reviewer at 11:59 am, May 18, 2017 **Date:**

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	I2979	**OrderDate:**	5/4/2017 9:12:58 AM
Client:	LiRo Engineers, Inc.	**Project:**	Bern Metal
Contact:	Jon Williams	**Location:**	E31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
I2979-01	**RD-2**	**WATER**			**05/03/17**			**05/04/17**
			Metals Group3	6020		05/05/17	05/08/17	
I2979-02	**RD-DUP**	**WATER**			**05/03/17**			**05/04/17**
			Metals Group3	6020		05/05/17	05/05/17	
I2979-03	**RD-4**	**WATER**			**05/03/17**			**05/04/17**
			Metals Group3	6020		05/05/17	05/05/17	
I2979-04	**RD-1**	**WATER**			**05/03/17**			**05/04/17**
			Metals Group3	6020		05/05/17	05/05/17	
I2979-05	**RD-5**	**WATER**			**05/03/17**			**05/04/17**
			Metals Group3	6020		05/05/17	05/05/17	
I2979-06	**RD-3R**	**WATER**			**05/03/17**			**05/04/17**
			Metals Group3	6020		05/05/17	05/05/17	

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Hit Summary Sheet
SW-846

SDG No.: I2979 **Order ID:** I2979

Client: LiRo Engineers, Inc. **Project ID:** Bern Metal

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : RD-2									
I2979-01	RD-2	WATER	Lead	0.290	J	0.021	0.5	1	ug/L
Client ID : RD-DUP									
I2979-02	RD-DUP	WATER	Lead	0.120	J	0.021	0.5	1	ug/L
Client ID : RD-4									
I2979-03	RD-4	WATER	Lead	0.320	J	0.021	0.5	1	ug/L
Client ID : RD-1									
I2979-04	RD-1	WATER	Lead	0.760	J	0.021	0.5	1	ug/L
Client ID : RD-5									
I2979-05	RD-5	WATER	Lead	0.100	J	0.021	0.5	1	ug/L
Client ID : RD-3R									
I2979-06	RD-3R	WATER	Lead	0.650	J	0.021	0.5	1	ug/L

SAMPLE DATA

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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	05/03/17
Project:	Bern Metal	Date Received:	05/04/17
Client Sample ID:	RD-2	SDG No.:	I2979
Lab Sample ID:	I2979-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7439-92-1	Lead	0.29	J*	1	0.021	0.5	1	ug/L	05/05/17 10:05	05/08/17 17:25	SW6020

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group3				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	05/03/17
Project:	Bern Metal	Date Received:	05/04/17
Client Sample ID:	RD-DUP	SDG No.:	I2979
Lab Sample ID:	I2979-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7439-92-1	Lead	0.12	J*	1	0.021	0.5	1	ug/L	05/05/17 10:05	05/05/17 18:58	SW6020

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group3				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	05/03/17
Project:	Bern Metal	Date Received:	05/04/17
Client Sample ID:	RD-4	SDG No.:	I2979
Lab Sample ID:	I2979-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7439-92-1	Lead	0.32	J*	1	0.021	0.5	1	ug/L	05/05/17 10:05	05/05/17 19:01	SW6020

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group3				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	05/03/17
Project:	Bern Metal	Date Received:	05/04/17
Client Sample ID:	RD-1	SDG No.:	I2979
Lab Sample ID:	I2979-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7439-92-1	Lead	0.76	J*	1	0.021	0.5	1	ug/L	05/05/17 10:05	05/05/17 19:05	SW6020

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group3				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	05/03/17
Project:	Bern Metal	Date Received:	05/04/17
Client Sample ID:	RD-5	SDG No.:	I2979
Lab Sample ID:	I2979-05	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7439-92-1	Lead	0.1	J*	1	0.021	0.5	1	ug/L	05/05/17 10:05	05/05/17 19:08	SW6020

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group3				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	LiRo Engineers, Inc.	Date Collected:	05/03/17
Project:	Bern Metal	Date Received:	05/04/17
Client Sample ID:	RD-3R	SDG No.:	I2979
Lab Sample ID:	I2979-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7439-92-1	Lead	0.65	J*	1	0.021	0.5	1	ug/L	05/05/17 10:05	05/05/17 19:12	SW6020

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group3				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Lead	191.13	200	95.6	90 - 110	P	05/05/2017	10:35	LB87308

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV19	Lead	497.46	500	99.5	90 - 110	P	05/05/2017	10:52	LB87308
CCV20	Lead	504.64	500	100.9	90 - 110	P	05/05/2017	11:37	LB87308
CCV21	Lead	501.2	500	100.2	90 - 110	P	05/05/2017	12:07	LB87308
CCV22	Lead	506.25	500	101.3	90 - 110	P	05/05/2017	13:55	LB87308
CCV23	Lead	504.88	500	101	90 - 110	P	05/05/2017	14:36	LB87308
CCV24	Lead	494.97	500	99	90 - 110	P	05/05/2017	15:18	LB87308
CCV25	Lead	499.99	500	100	90 - 110	P	05/05/2017	16:24	LB87308
CCV26	Lead	494.19	500	98.8	90 - 110	P	05/05/2017	17:05	LB87308
CCV27	Lead	498.68	500	99.7	90 - 110	P	05/05/2017	17:48	LB87308
CCV28	Lead	502.87	500	100.6	90 - 110	P	05/05/2017	18:33	LB87308
CCV29	Lead	506.62	500	101.3	90 - 110	P	05/05/2017	19:19	LB87308
CCV30	Lead	507.98	500	101.6	90 - 110	P	05/05/2017	20:07	LB87308
CCV31	Lead	499.99	500	100	90 - 110	P	05/05/2017	20:56	LB87308
CCV32	Lead	500.58	500	100.1	90 - 110	P	05/05/2017	21:20	LB87308
CCV33	Lead	502.51	500	100.5	90 - 110	P	05/05/2017	21:42	LB87308

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Lead	207.59	200	103.8	90 - 110	P	05/08/2017	12:42	LB87344

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV34	Lead	500.73	500	100.1	90 - 110	P	05/08/2017	12:58	LB87344
CCV35	Lead	496.56	500	99.3	90 - 110	P	05/08/2017	13:52	LB87344
CCV36	Lead	497.28	500	99.5	90 - 110	P	05/08/2017	14:40	LB87344
CCV37	Lead	502.65	500	100.5	90 - 110	P	05/08/2017	15:28	LB87344
CCV38	Lead	498.39	500	99.7	90 - 110	P	05/08/2017	16:15	LB87344
CCV39	Lead	498.52	500	99.7	90 - 110	P	05/08/2017	16:58	LB87344
CCV40	Lead	493.48	500	98.7	90 - 110	P	05/08/2017	17:45	LB87344
CCV41	Lead	489.95	500	98	90 - 110	P	05/08/2017	18:25	LB87344

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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI	Lead	0.94	1.0	94	70 - 130	P	05/05/2017	11:02	LB87308
CRI	Lead	0.94	1.0	94	70 - 130	P	05/08/2017	13:18	LB87344

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	10:41	LB87308

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB19	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	10:59	LB87308
CCB20	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	11:50	LB87308
CCB21	Lead	0.04	+/-1.0	J	0.5	1.0	P	05/05/2017	12:16	LB87308
CCB22	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	13:58	LB87308
CCB23	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	14:39	LB87308
CCB24	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	15:21	LB87308
CCB25	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	16:27	LB87308
CCB26	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	17:09	LB87308
CCB27	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	17:55	LB87308
CCB28	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	18:40	LB87308
CCB29	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	19:22	LB87308
CCB30	Lead	1.0	+/-1.0	U	0.5	1.0	P	05/05/2017	20:10	LB87308
CCB31	Lead	0.03	+/-1.0	J	0.5	1.0	P	05/05/2017	20:59	LB87308
CCB32	Lead	0.04	+/-1.0	J	0.5	1.0	P	05/05/2017	21:24	LB87308
CCB33	Lead	0.04	+/-1.0	J	0.5	1.0	P	05/05/2017	21:45	LB87308

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Lead	0.13	+/-1.0	J	0.5	1.0	P	05/08/2017	12:48	LB87344

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB34	Lead	0.06	+/-1.0	J	0.5	1.0	P	05/08/2017	13:14	LB87344
CCB35	Lead	0.07	+/-1.0	J	0.5	1.0	P	05/08/2017	14:02	LB87344
CCB36	Lead	0.04	+/-1.0	J	0.5	1.0	P	05/08/2017	14:50	LB87344
CCB37	Lead	0.09	+/-1.0	J	0.5	1.0	P	05/08/2017	15:37	LB87344
CCB38	Lead	0.14	+/-1.0	J	0.5	1.0	P	05/08/2017	16:19	LB87344
CCB39	Lead	0.11	+/-1.0	J	0.5	1.0	P	05/08/2017	17:06	LB87344
CCB40	Lead	0.09	+/-1.0	J	0.5	1.0	P	05/08/2017	17:53	LB87344
CCB41	Lead	0.13	+/-1.0	J	0.5	1.0	P	05/08/2017	18:28	LB87344

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB98733BL		**WATER**		**Batch Number:**		**PB98733**		**Prep Date:**	**05/05/2017**	
	Lead	1.0	<1.0	U	0.5	1.0	P	05/05/2017	17:59	LB87308

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Metals
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INTERFERENCE CHECK SAMPLE

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

ICS Source: EPA **Instrument ID:** P7

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Lead	4.08	4.0	102	2	6	05/05/2017	10:45	LB87308
ICSAB01	Lead	23.3	25.0	93.2	20	30	05/05/2017	10:48	LB87308
ICSA01	Lead	3.93	4.0	98.3	2	6	05/08/2017	12:51	LB87344
ICSAB01	Lead	22.1	25.0	88.4	20	30	05/08/2017	12:55	LB87344

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: LiRo Engineers, Inc. **level:** low **sdg no.:** I2979

contract: LIRO01 **lab code:** CHEM **case no.:** I2979 **sas no.:** I2979

matrix: WATER **sample id:** I2979-01 **client id:** RD-2MS

Percent Solids for Sample: NA **Spiked ID:** I2979-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	ug/L	75 - 125	529		0.29	J	500	106		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LiRo Engineers, Inc. **level:** low **sdg no.:** I2979

contract: LIRO01 **lab code:** CHEM **case no.:** I2979 **sas no.:** I2979

matrix: WATER **sample id:** I2979-01 **client id:** RD-2MSD

Percent Solids for Sample: NA **Spiked ID:** I2979-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	ug/L	75 - 125	538		0.29	J	500	108		P

CHEMTECH

Metals
- 5b -

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: LiRo Engineers, Inc. **Level:** LOW **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Matrix: WATER **Sample ID:** I2979-01 **Client ID:** RD-2DUP

Percent Solids for Sample: NA **Duplicate ID** I2979-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	ug/L	20	0.29	J	0.21	J	32	*	P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: LiRo Engineers, Inc. **Level:** LOW **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Matrix: WATER **Sample ID:** I2979-01MS **Client ID:** RD-2MSD

Percent Solids for Sample: NA **Duplicate ID** I2979-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	ug/L	20	529		538		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB98733BS							
Lead	ug/L	500	498		99.6	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.
RD-2L

Lab Name: Chemtech Consulting Group **Contract:** LIRO01

Lab Code: CHEM **Lb No.:** lb87344 **Lab Sample ID :** I2979-01L **SDG No.:** I2979

Matrix (soil/water): WATER **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Lead	0.29	J	5.0	U	100.0		P

METAL PREPARATION & INSTRUMENT DATA

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Metals

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Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Instrument ID: P7 **Preparation Method:**

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method:	**6020**				
Lead	208	0.021	0.5	1	

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Metals

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LINEAR RANGES

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Case No.:** I2979 **SAS No.:** I2979

Instrument ID: P7 **Date:** 01/24/2011

Analyte	Integration Time (sec)	LDR ug/L
Lead	0.1	10000

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: LiRo Engineers, Inc. **SDG No.:** I2979

Contract: LIRO01 **Lab Code:** CHEM **Method:**

Case No.: I2979 **SAS No.:** I2979

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB98733**						
I2979-01	RD-2	SAM	WATER	05/05/2017	50.0	50.0	
I2979-01DUP	RD-2DUP	DUP	WATER	05/05/2017	50.0	50.0	
I2979-01MS	RD-2MS	MS	WATER	05/05/2017	50.0	50.0	
I2979-01MSD	RD-2MSD	MSD	WATER	05/05/2017	50.0	50.0	
I2979-02	RD-DUP	SAM	WATER	05/05/2017	50.0	50.0	
I2979-03	RD-4	SAM	WATER	05/05/2017	50.0	50.0	
I2979-04	RD-1	SAM	WATER	05/05/2017	50.0	50.0	
I2979-05	RD-5	SAM	WATER	05/05/2017	50.0	50.0	
I2979-06	RD-3R	SAM	WATER	05/05/2017	50.0	50.0	
PB98733BL	PB98733BL	MB	WATER	05/05/2017	50.0	50.0	
PB98733BS	PB98733BS	LCS	WATER	05/05/2017	50.0	50.0	

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metals
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ANALYSIS RUN LOG

Client: LiRo Engineers, Inc. **Contract:** LIRO01

Lab code: CHEM **Case no.:** I2979 **Sas no.:** I2979 **Sdg no.:** I2979

Instrument id number: **Method:** **Run number:** LB87308

Start date: 05/05/2017 **End date:** 05/05/2017

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0925	Pb
S2	S2	1	0934	Pb
S3	S3	1	0938	Pb
S4	S4	1	0942	Pb
S5	S5	1	0946	Pb
S6	S6	1	0949	Pb
S7	S7	1	0953	Pb
S8	S8	1	0956	,
ICV01	ICV01	1	1035	Pb
ICB01	ICB01	1	1041	Pb
ICSA01	ICSA01	1	1045	Pb
ICSAB01	ICSAB01	1	1048	Pb
CCV19	CCV19	1	1052	Pb
CCB19	CCB19	1	1059	Pb
CRI	CRI	1	1102	Pb
CCV20	CCV20	1	1137	Pb
CCB20	CCB20	1	1150	Pb
CCV21	CCV21	1	1207	Pb
CCB21	CCB21	1	1216	Pb
CCV22	CCV22	1	1355	Pb
CCB22	CCB22	1	1358	Pb
CCV23	CCV23	1	1436	Pb
CCB23	CCB23	1	1439	Pb
CCV24	CCV24	1	1518	Pb
CCB24	CCB24	1	1521	Pb
CCV25	CCV25	1	1624	Pb
CCB25	CCB25	1	1627	Pb
CCV26	CCV26	1	1705	Pb
CCB26	CCB26	1	1709	Pb
CCV27	CCV27	1	1748	Pb
CCB27	CCB27	1	1755	Pb
PB98733BL	PB98733BL	1	1759	Pb
PB98733BS	PB98733BS	1	1802	Pb
CCV28	CCV28	1	1833	Pb
CCB28	CCB28	1	1840	Pb
I2979-02	RD-DUP	1	1858	Pb
I2979-03	RD-4	1	1901	Pb
I2979-04	RD-1	1	1905	Pb
I2979-05	RD-5	1	1908	Pb
I2979-06	RD-3R	1	1912	Pb
CCV29	CCV29	1	1919	Pb
CCB29	CCB29	1	1922	Pb
CCV30	CCV30	1	2007	Pb

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metals
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ANALYSIS RUN LOG

Client: LiRo Engineers, Inc. **Contract:** LIRO01

Lab code: CHEM **Case no.:** I2979 **Sas no.:** I2979 **Sdg no.:** I2979

Instrument id number: **Method:** **Run number:** LB87308

Start date: 05/05/2017 **End date:** 05/05/2017

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB30	CCB30	1	2010	Pb
CCV31	CCV31	1	2056	Pb
CCB31	CCB31	1	2059	Pb
CCV32	CCV32	1	2120	Pb
CCB32	CCB32	1	2124	Pb
CCV33	CCV33	1	2142	Pb
CCB33	CCB33	1	2145	Pb

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: LiRo Engineers, Inc. **Contract:** LIRO01

Lab code: CHEM **Case no.:** I2979 **Sas no.:** I2979 **Sdg no.:** I2979

Instrument id number: **Method:** **Run number:** LB87344

Start date: 05/08/2017 **End date:** 05/08/2017

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1208	Pb
S2	S2	1	1217	Pb
S3	S3	1	1220	Pb
S4	S4	1	1224	Pb
S5	S5	1	1228	Pb
S6	S6	1	1231	Pb
S7	S7	1	1235	Pb
S8	S8	1	1238	,
ICV01	ICV01	1	1242	Pb
ICB01	ICB01	1	1248	Pb
ICSA01	ICSA01	1	1251	Pb
ICSAB01	ICSAB01	1	1255	Pb
CCV34	CCV34	1	1258	Pb
CCB34	CCB34	1	1314	Pb
CRI	CRI	1	1318	Pb
CCV35	CCV35	1	1352	Pb
CCB35	CCB35	1	1402	Pb
CCV36	CCV36	1	1440	Pb
CCB36	CCB36	1	1450	Pb
CCV37	CCV37	1	1528	Pb
CCB37	CCB37	1	1537	Pb
CCV38	CCV38	1	1615	Pb
CCB38	CCB38	1	1619	Pb
CCV39	CCV39	1	1658	Pb
CCB39	CCB39	1	1706	Pb
I2979-01	RD-2	1	1725	Pb
I2979-01DUP	RD-2DUP	1	1728	Pb
I2979-01L	RD-2L	5	1732	Pb
I2979-01MS	RD-2MS	1	1735	Pb
I2979-01MSD	RD-2MSD	1	1739	Pb
CCV40	CCV40	1	1745	Pb
CCB40	CCB40	1	1753	Pb
CCV41	CCV41	1	1825	Pb
CCB41	CCB41	1	1828	Pb

CHEMTECH

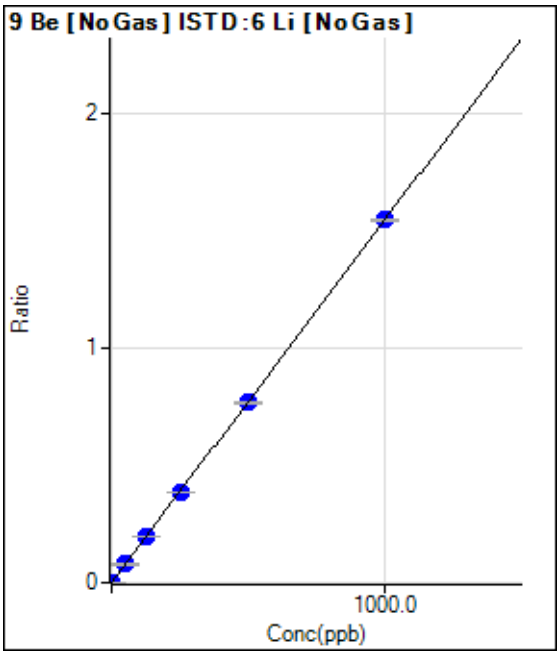
METAL
RAW DATA

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

Batch Folder: D:\ICP-MS Data\P7050517 .b\
Analysis File: P7050517 .batch.bin
DA Date-Time: 2017-05-08 10:10:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB_P7050517 .D	S00	2017-05-05 09:25:59
2			
3	004CALS_P7050517 .D	S02	2017-05-05 09:34:37
4	005CALS_P7050517 .D	S03	2017-05-05 09:38:25
5	006CALS_P7050517 .D	S04	2017-05-05 09:42:30
6	007CALS_P7050517 .D	S05	2017-05-05 09:46:11
7	008CALS_P7050517 .D	S06	2017-05-05 09:49:47
8	009CALS_P7050517 .D	S07	2017-05-05 09:53:17
9	010CALS_P7050517 .D	S08	2017-05-05 09:56:46

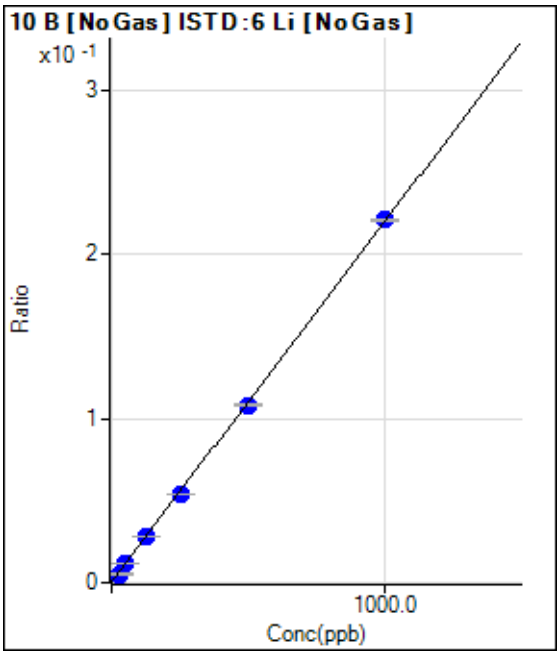
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Inst Id :P7
LB :LB87308



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0001	P	25.9
2	☐	0.100					
3	☐	1.000	0.882	2503.98	0.0014	P	5.3
4	☐	50.000	50.467	137111.69	0.0780	P	1.2
5	☐	125.000	126.230	337285.81	0.1951	P	0.1
6	☐	250.000	249.947	677380.72	0.3862	P	1.2
7	☐	500.000	496.744	1328701.78	0.7674	P	0.3
8	☐	1000.000	1001.464	2548805.53	1.5470	P	0.4
9	☐			562.99	0.0004	P	19.8

y = 0.0015 * x + 7.7981E-005
R = 1.0000
DL = 0.03926
BEC = 0.05048

Weight: <None>
Min Conc: 0

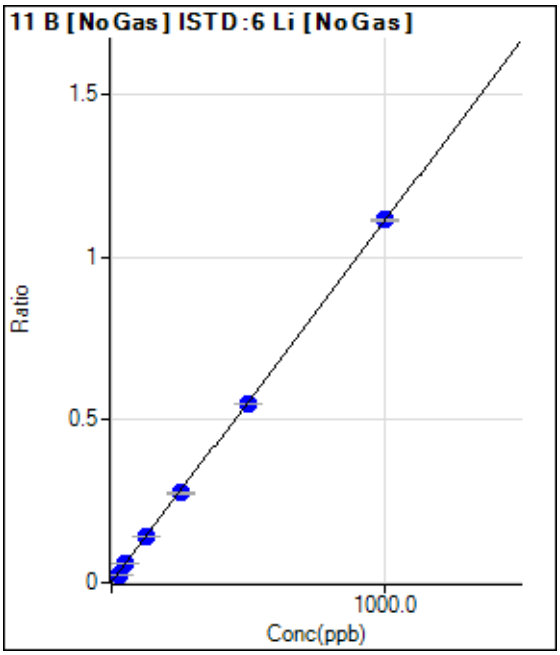


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	616.71	0.0004	P	1.0
2	☐	2.500					
3	☐	25.000	22.081	9047.52	0.0052	P	3.0
4	☐	50.000	50.197	19975.00	0.0114	P	3.0
5	☐	125.000	124.940	47993.93	0.0278	P	1.6
6	☐	250.000	244.700	94754.07	0.0540	P	0.5
7	☐	500.000	491.993	187419.60	0.1082	P	1.1
8	☐	1000.000	1005.399	363809.92	0.2208	P	0.5
9	☐			7527.15	0.0049	P	5.6

y = 2.1928E-004 * x + 3.6030E-004
R = 0.9999
DL = 0.05023
BEC = 1.643

Weight: <None>
Min Conc: 0

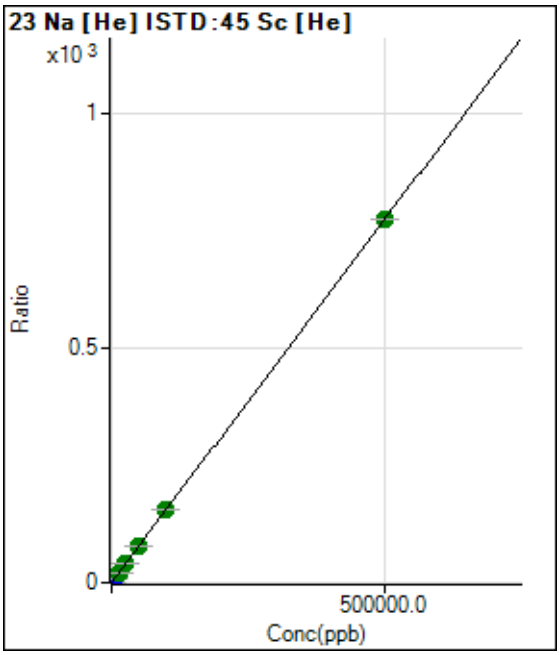
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LB :LB87308



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2614.22	0.0015	P	4.1
2	☐	2.500					
3	☐	25.000	21.899	44897.99	0.0258	P	0.8
4	☐	50.000	49.787	99679.96	0.0567	P	1.2
5	☐	125.000	124.254	240860.63	0.1393	P	0.7
6	☐	250.000	246.329	481775.01	0.2746	P	0.6
7	☐	500.000	495.374	953613.76	0.5508	P	0.4
8	☐	1000.000	1003.412	1835512.89	1.1141	P	0.6
9	☐			38942.85	0.0254	P	5.0

y = 0.0011 * x + 0.0015
R = 1.0000
DL = 0.1708
BEC = 1.378

Weight: <None>
Min Conc: 0

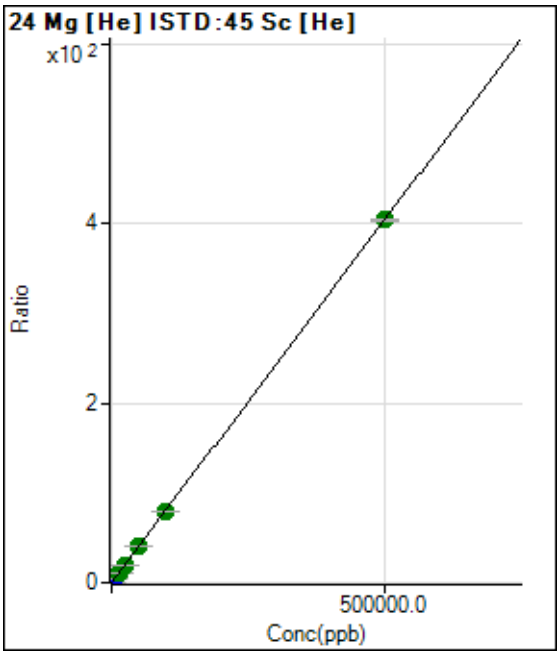


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31455.95	0.0667	P	2.8
2	☐	50.000					
3	☐	500.000	451.624	358829.93	0.7647	P	0.4
4	☐	5000.000	5110.220	3762823.22	7.9646	P	0.2
5	☐	12500.000	12832.983	9265623.04	19.9001	A	0.3
6	☐	25000.000	25294.243	17789643.97	39.1590	A	0.6
7	☐	50000.000	50326.870	35636689.68	77.8470	A	0.6
8	☐	100000.00	100371.84	71272863.40	155.1916	A	1.0
9	☐	500000.00	499868.85	360133869.16	772.6152	A	0.0

y = 0.0015 * x + 0.0667
R = 1.0000
DL = 3.57
BEC = 43.17

Weight: <None>
Min Conc: 0

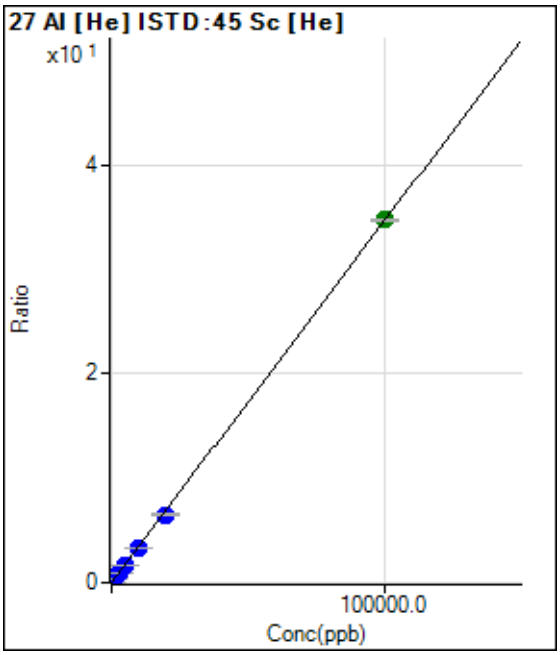
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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.46	0.0006	P	12.3
2	☐	50.000					
3	☐	500.000	450.407	171015.94	0.3645	P	0.9
4	☐	5000.000	5115.061	1952426.74	4.1326	P	0.1
5	☐	12500.000	12771.024	4803706.10	10.3171	A	0.4
6	☐	25000.000	25077.953	9203505.85	20.2587	A	0.1
7	☐	50000.000	49762.602	18402024.72	40.1991	A	0.8
8	☐	100000.00	98800.627	36654335.20	79.8122	A	0.8
9	☐	500000.00	500251.84	188364562.54	404.1063	A	0.3

y = 8.0780E-004 * x + 6.2383E-004
R = 1.0000
DL = 0.2856
BEC = 0.7723

Weight: <None>
Min Conc: 0

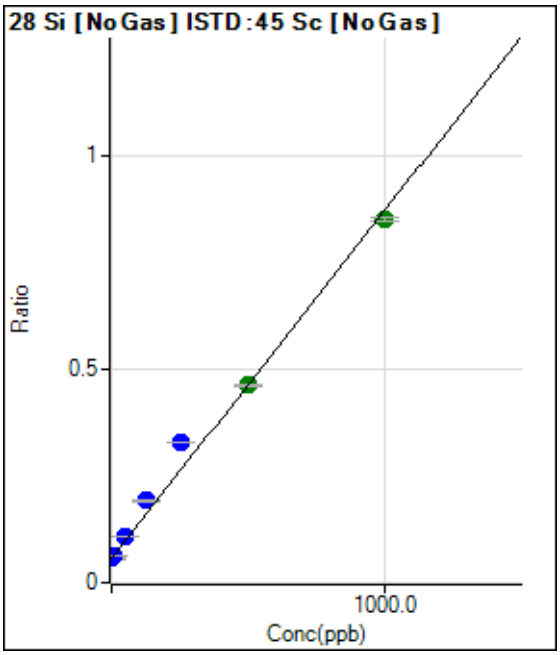


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0001	P	36.2
2	☐	2.000					
3	☐	20.000	17.776	2939.29	0.0063	P	5.5
4	☐	1000.000	963.603	157641.40	0.3337	P	0.4
5	☐	2500.000	2424.260	390776.32	0.8393	P	0.7
6	☐	5000.000	4788.025	753010.06	1.6575	P	0.2
7	☐	10000.000	9417.841	1492433.12	3.2602	P	0.7
8	☐	20000.000	18858.294	2998074.48	6.5281	P	0.6
9	☐	100000.00	100299.41	16183850.71	34.7197	A	0.4

y = 3.4616E-004 * x + 1.1185E-004
R = 0.9999
DL = 0.3505
BEC = 0.3231

Weight: <None>
Min Conc: 0

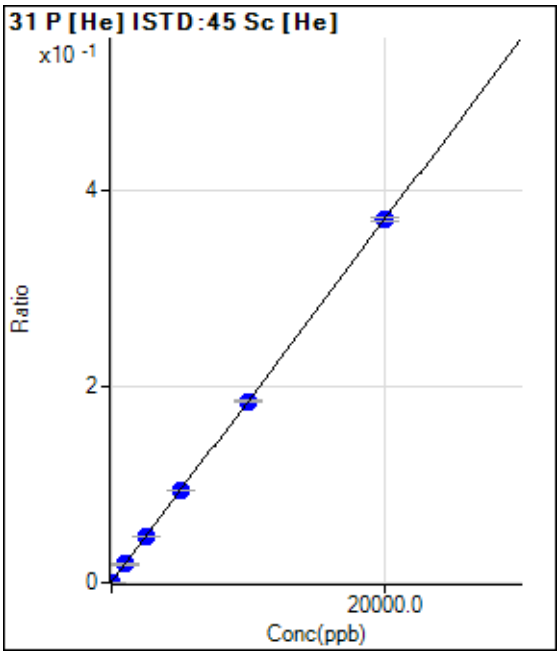
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LB :LB87308



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	543059.97	0.0565	P	1.7
2	☐	1.000					
3	☐	10.000	9.900	616772.42	0.0645	P	1.5
4	☐	50.000	64.551	1051721.32	0.1090	P	0.4
5	☐	125.000	166.711	1822671.35	0.1921	P	1.0
6	☐	250.000	334.397	3122500.59	0.3285	P	0.9
7	☐	500.000	498.196	4377141.03	0.4617	A	0.7
8	☐	1000.000	973.863	7933549.39	0.8486	A	1.0
9	☐			748790.96	0.0822	P	1.2

y = 8.1343E-004 * x + 0.0565
R = 0.9955
DL = 3.554
BEC = 69.43

Weight: <None>
Min Conc: 0

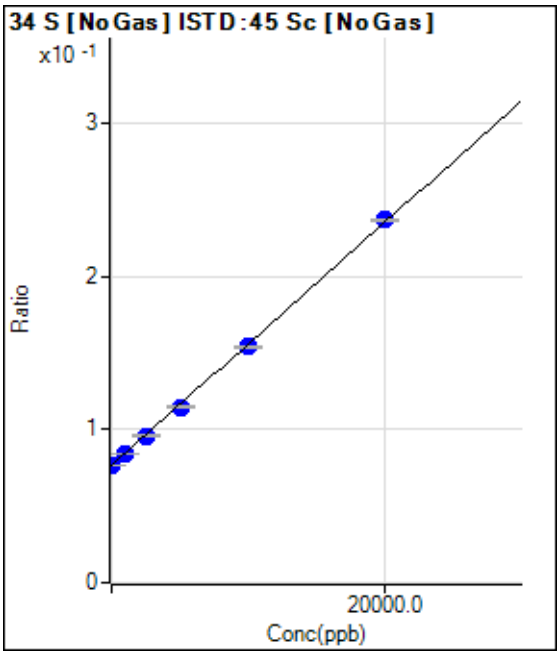


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-0.709	238.90	0.0005	P	15.4
2	☐	0.000					
3	☐	0.000	0.709	250.01	0.0005	P	25.1
4	☐	1000.000	993.071	8897.47	0.0188	P	4.2
5	☐	2500.000	2552.441	22156.03	0.0476	P	1.4
6	☐	5000.000	5055.372	42583.98	0.0937	P	1.6
7	☐	10000.000	9983.169	84509.23	0.1846	P	0.6
8	☐	20000.000	19988.364	169513.22	0.3691	P	1.0
9	☐			363.91	0.0008	P	13.3

y = 1.8440E-005 * x + 5.1957E-004
R = 1.0000
DL = 17.24
BEC = 28.18

Weight: <None>
Min Conc: 0

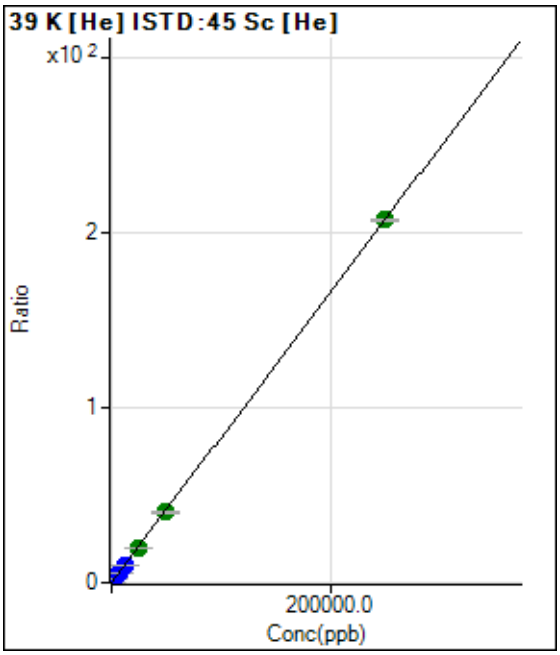
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LB :LB87308



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.814	739210.11	0.0769	P	1.2
2	☐	0.000					
3	☐	0.000	3.814	735402.33	0.0769	P	0.3
4	☐	1000.000	983.918	817507.16	0.0847	P	0.2
5	☐	2500.000	2393.487	910059.82	0.0959	P	1.1
6	☐	5000.000	4758.572	1090158.33	0.1147	P	1.3
7	☐	10000.000	9756.319	1463504.93	0.1544	P	0.4
8	☐	20000.000	20196.316	2218219.26	0.2373	P	0.8
9	☐			671315.52	0.0737	P	0.2

y = 7.9408E-006 * x + 0.0769
R = 0.9998
DL = 208.1
BEC = 9685

Weight: <None>
Min Conc: 0

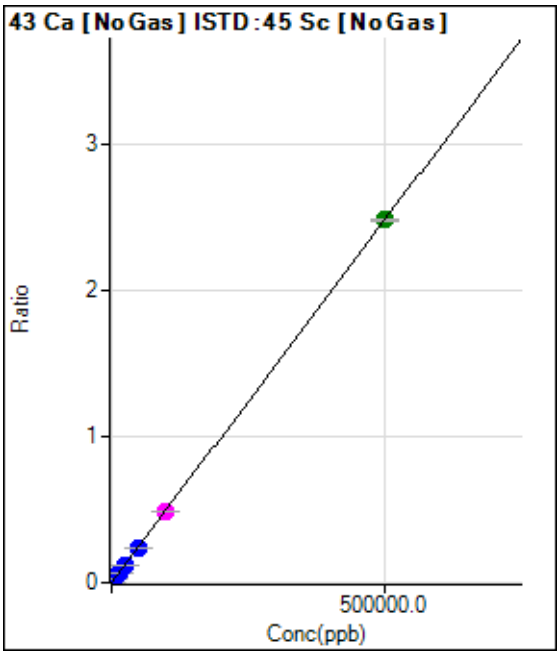


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52853.38	0.1121	P	1.1
2	☐	50.000					
3	☐	500.000	434.062	221190.53	0.4714	P	0.6
4	☐	2500.000	2469.867	1018834.30	2.1565	P	0.1
5	☐	6250.000	6183.513	2435351.61	5.2305	P	0.3
6	☐	12500.000	12287.077	4671387.12	10.2827	P	0.3
7	☐	25000.000	24147.360	9201468.61	20.1000	A	0.4
8	☐	50000.000	48401.908	18451447.98	40.1767	A	0.7
9	☐	250000.00	250417.62	96671616.05	207.3951	A	0.2

y = 8.2775E-004 * x + 0.1121
R = 1.0000
DL = 4.662
BEC = 135.4

Weight: <None>
Min Conc: 0

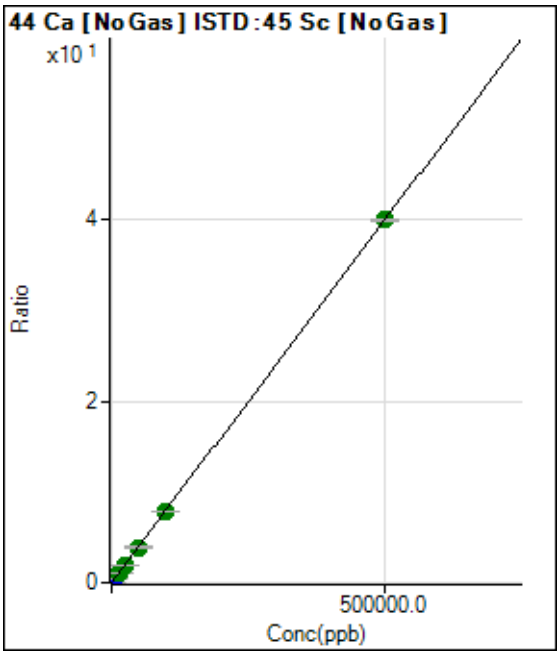
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LB :LB87308



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	400.02	0.0000	P	20.2
2	☐	50.000					
3	☐	500.000	429.783	20787.54	0.0022	P	2.8
4	☐	5000.000	4801.082	230310.68	0.0239	P	1.1
5	☐	12500.000	12181.630	574005.59	0.0605	P	1.2
6	☐	25000.000	24439.238	1153190.46	0.1213	P	0.9
7	☐	50000.000	48732.967	2292847.17	0.2419	P	0.9
8	☐	100000.00	97628.553	4529767.07	0.4845	M	0.8
9	☐	500000.00	500639.05	22629856.24	2.4843	A	0.6

y = 4.9622E-006 * x + 4.1588E-005
R = 1.0000
DL = 5.083
BEC = 8.381

Weight: <None>
Min Conc: 0

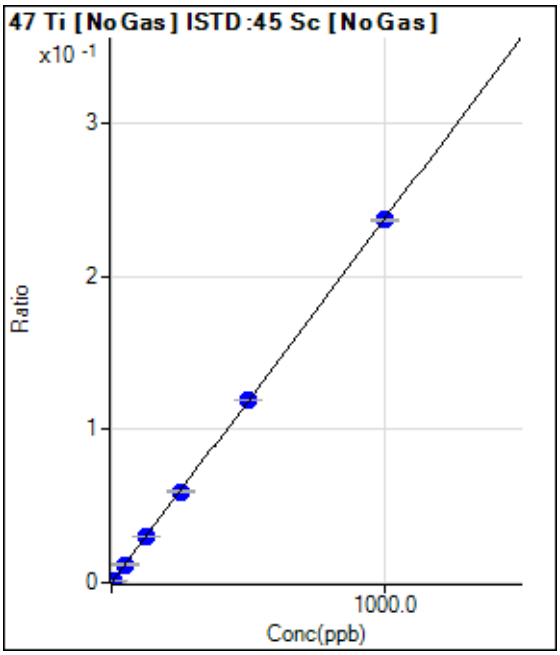


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17811.60	0.0019	P	1.0
2	☐	50.000					
3	☐	500.000	435.261	349570.54	0.0366	P	0.9
4	☐	5000.000	4914.261	3800515.58	0.3938	P	0.0
5	☐	12500.000	12253.278	9291811.32	0.9792	A	1.3
6	☐	25000.000	24376.410	18499698.85	1.9462	A	1.1
7	☐	50000.000	49046.173	37104792.50	3.9140	A	0.4
8	☐	100000.00	97251.703	72537472.46	7.7590	A	0.6
9	☐	500000.00	500683.31	363804338.69	39.9383	A	0.4

y = 7.9764E-005 * x + 0.0019
R = 1.0000
DL = 0.6737
BEC = 23.22

Weight: <None>
Min Conc: 0

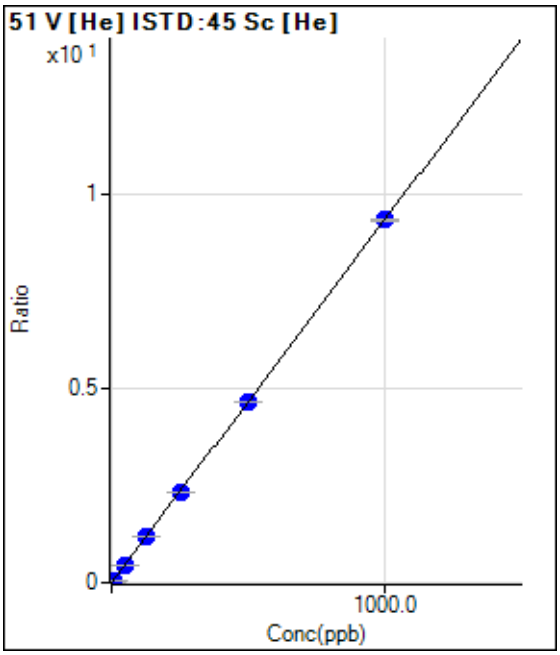
Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	638.94	0.0001	P	29.2
2	☐	0.500					
3	☐	5.000	4.222	10195.61	0.0011	P	5.5
4	☐	50.000	49.904	114771.22	0.0119	P	1.4
5	☐	125.000	125.378	282581.16	0.0298	P	1.0
6	☐	250.000	250.866	565771.05	0.0595	P	0.6
7	☐	500.000	503.399	1131564.56	0.1194	P	0.6
8	☐	1000.000	998.045	2211823.94	0.2366	P	0.5
9	☐			4563.09	0.0005	P	80.5

y = 2.3698E-004 * x + 6.6509E-005
R = 1.0000
DL = 0.246
BEC = 0.2806

Weight: <None>
Min Conc: 0

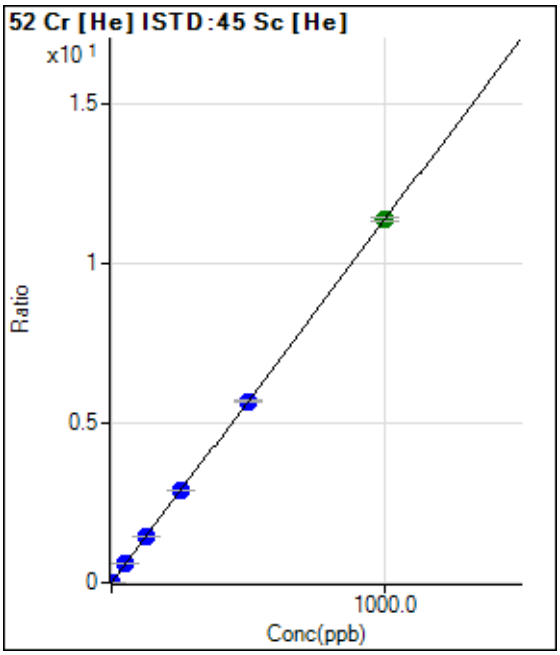


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0001	P	53.1
2	☐	0.500					
3	☐	5.000	4.385	19236.07	0.0410	P	1.4
4	☐	50.000	49.714	219111.04	0.4638	P	0.1
5	☐	125.000	125.377	544522.76	1.1695	P	0.4
6	☐	250.000	249.845	1058707.29	2.3304	P	0.4
7	☐	500.000	497.963	2126196.20	4.6446	P	0.6
8	☐	1000.000	1001.027	4287906.19	9.3367	P	0.3
9	☐			1839.04	0.0039	P	1.3

y = 0.0093 * x + 9.1535E-005
R = 1.0000
DL = 0.01562
BEC = 0.009814

Weight: <None>
Min Conc: 0

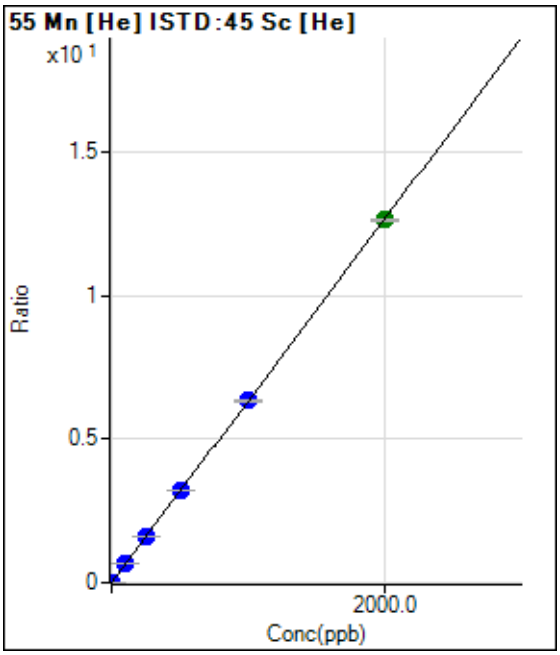
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1632.34	0.0035	P	4.5
2	☐	0.200					
3	☐	2.000	1.900	11758.19	0.0251	P	1.7
4	☐	50.000	50.304	271742.98	0.5752	P	0.3
5	☐	125.000	126.581	671451.09	1.4421	P	0.4
6	☐	250.000	251.925	1302335.00	2.8667	P	0.1
7	☐	500.000	498.635	2595866.60	5.6707	P	0.9
8	☐	1000.000	999.989	5221228.64	11.3688	A	0.9
9	☐			117452.17	0.2520	P	0.3

y = 0.0114 * x + 0.0035
R = 1.0000
DL = 0.0408
BEC = 0.3045

Weight: <None>
Min Conc: 0

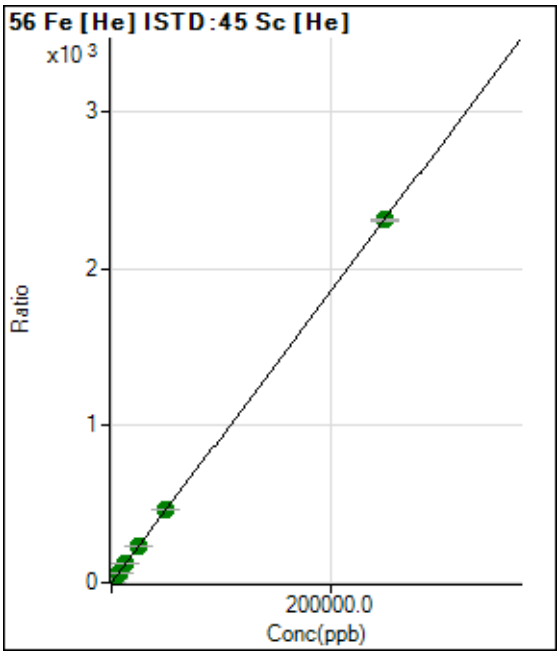


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0007	P	17.0
2	☐	0.100					
3	☐	1.000	0.910	3011.48	0.0064	P	2.4
4	☐	100.000	101.543	303751.76	0.6429	P	0.6
5	☐	250.000	253.391	746557.73	1.6034	P	0.6
6	☐	500.000	504.758	1450740.54	3.1934	P	0.1
7	☐	1000.000	1002.476	2902973.22	6.3415	P	0.9
8	☐	2000.000	1997.072	5801556.99	12.6326	A	0.4
9	☐			21021.91	0.0451	P	1.9

y = 0.0063 * x + 6.6024E-004
R = 1.0000
DL = 0.0531
BEC = 0.1044

Weight: <None>
Min Conc: 0

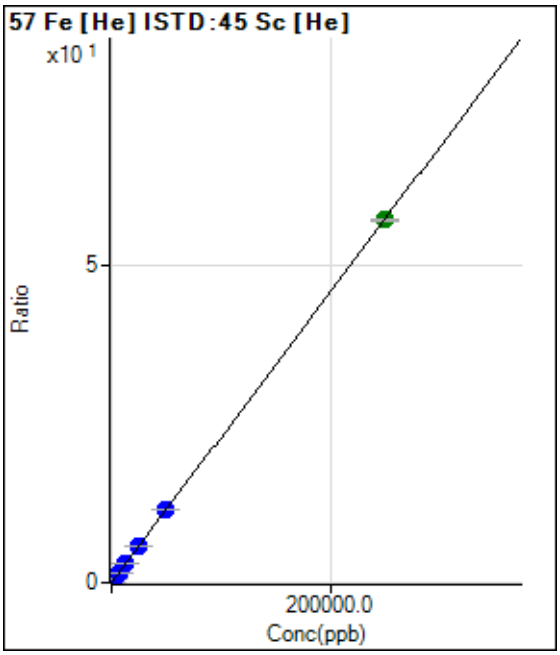
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10131.53	0.0215	P	2.8
2	☐	5.000					
3	☐	50.000	45.396	207381.12	0.4420	P	0.4
4	☐	2500.000	2551.360	11174664.95	23.6529	A	0.3
5	☐	6250.000	6431.186	27745017.52	59.5889	A	0.2
6	☐	12500.000	12770.396	53746353.52	118.3044	A	0.6
7	☐	25000.000	25305.659	107307057.95	234.4094	A	0.6
8	☐	50000.000	50364.159	214241115.90	466.5081	A	1.0
9	☐	250000.00	249878.04	1078841105.6	2,314.460	A	0.5

y = 0.0093 * x + 0.0215
R = 1.0000
DL = 0.1921
BEC = 2.32

Weight: <None>
Min Conc: 0

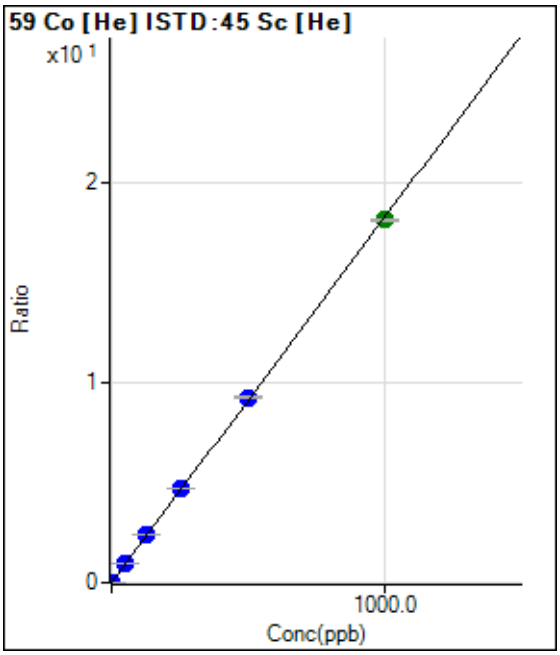


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0005	P	19.8
2	☐	5.000					
3	☐	50.000	46.805	5286.27	0.0113	P	3.2
4	☐	2500.000	2534.476	274933.84	0.5819	P	0.2
5	☐	6250.000	6374.565	681110.97	1.4629	P	0.7
6	☐	12500.000	12635.037	1317022.89	2.8990	P	0.2
7	☐	25000.000	25137.562	2639975.90	5.7671	P	1.0
8	☐	50000.000	50128.760	5281432.87	11.5001	P	0.3
9	☐	250000.00	249950.28	26727457.08	57.3391	A	0.4

y = 2.2940E-004 * x + 5.2982E-004
R = 1.0000
DL = 1.37
BEC = 2.31

Weight: <None>
Min Conc: 0

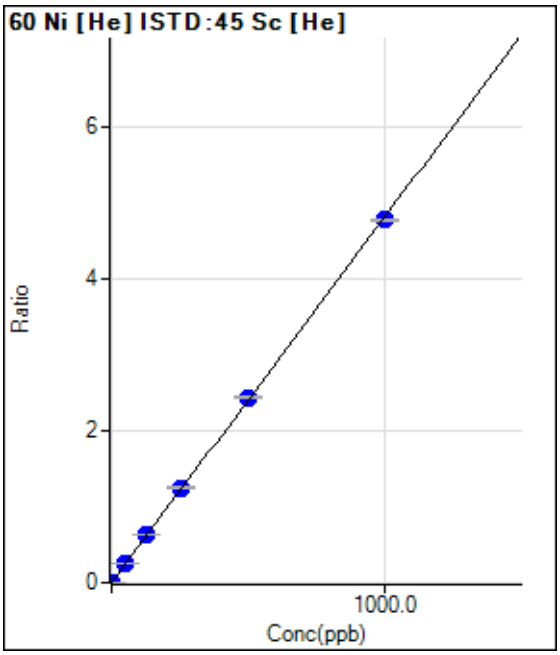
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	383.34	0.0008	P	4.7
2	☐	0.100					
3	☐	1.000	0.924	8288.02	0.0177	P	1.3
4	☐	50.000	51.904	447349.86	0.9469	P	0.6
5	☐	125.000	129.890	1102738.87	2.3684	P	0.3
6	☐	250.000	257.164	2129866.92	4.6883	P	0.2
7	☐	500.000	507.342	4233644.10	9.2484	P	0.9
8	☐	1000.000	993.832	8319877.38	18.1159	A	0.4
9	☐			11732.60	0.0252	P	1.7

y = 0.0182 * x + 8.1301E-004
R = 0.9999
DL = 0.006356
BEC = 0.0446

Weight: <None>
Min Conc: 0

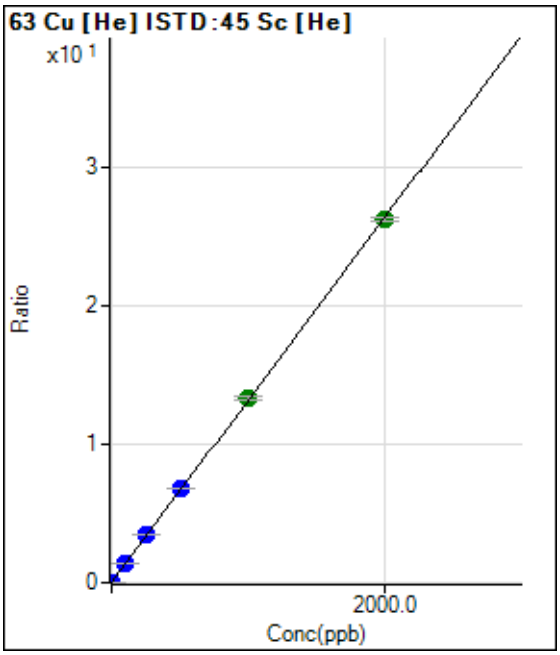


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	633.36	0.0013	P	7.4
2	☐	0.100					
3	☐	1.000	0.922	2710.31	0.0058	P	1.5
4	☐	50.000	52.623	120126.07	0.2543	P	0.7
5	☐	125.000	130.492	292644.48	0.6285	P	0.7
6	☐	250.000	260.310	569000.16	1.2525	P	0.3
7	☐	500.000	506.757	1115572.65	2.4370	P	0.8
8	☐	1000.000	993.226	2192930.73	4.7751	P	0.7
9	☐			30279.14	0.0650	P	0.5

y = 0.0048 * x + 0.0013
R = 0.9999
DL = 0.06207
BEC = 0.2796

Weight: <None>
Min Conc: 0

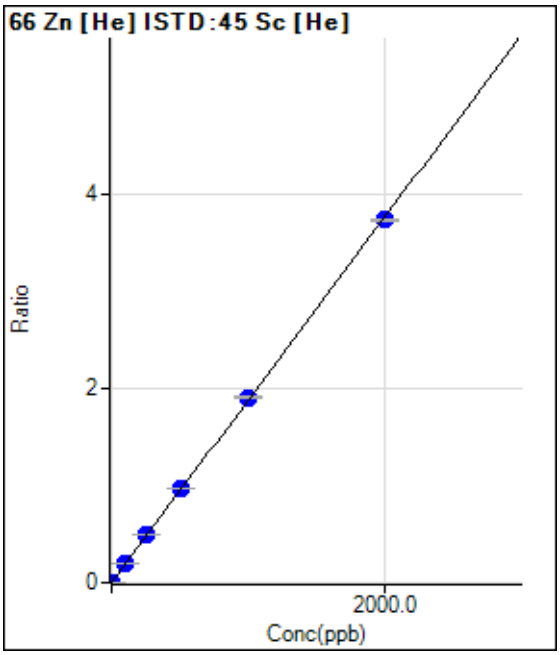
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9363.15	0.0199	P	4.6
2	☐	0.200					
3	☐	2.000	2.122	22446.31	0.0478	P	0.8
4	☐	100.000	103.756	655736.49	1.3880	P	0.7
5	☐	250.000	258.904	1598764.74	3.4337	P	0.5
6	☐	500.000	513.040	3082273.91	6.7847	P	0.1
7	☐	1000.000	1012.561	6120671.57	13.3712	A	1.7
8	☐	2000.000	1989.159	12054277.04	26.2484	A	1.2
9	☐			24954.83	0.0535	P	0.4

y = 0.0132 * x + 0.0199
R = 0.9999
DL = 0.2076
BEC = 1.506

Weight: <None>
Min Conc: 0

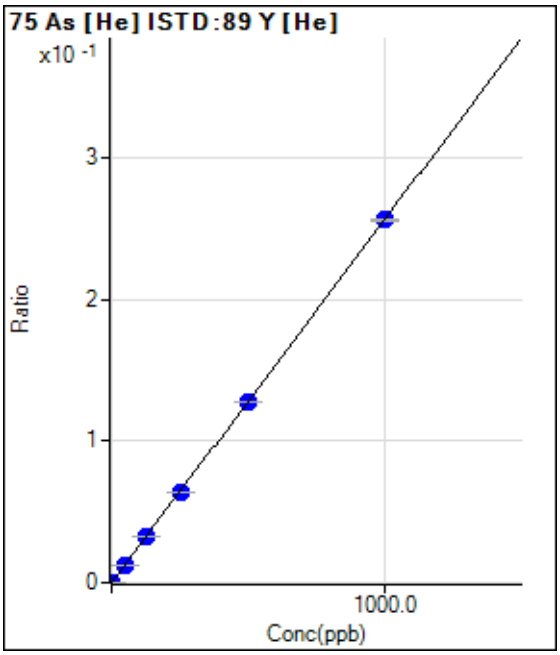


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0007	P	24.9
2	☐	0.200					
3	☐	2.000	1.843	1942.38	0.0041	P	2.4
4	☐	100.000	103.139	91939.34	0.1946	P	0.8
5	☐	250.000	259.109	227154.40	0.4879	P	0.5
6	☐	500.000	515.386	440553.06	0.9697	P	0.6
7	☐	1000.000	1015.956	874767.93	1.9109	P	1.0
8	☐	2000.000	1986.880	1715996.29	3.7365	P	0.3
9	☐			20549.09	0.0441	P	1.4

y = 0.0019 * x + 6.7497E-004
R = 0.9999
DL = 0.2684
BEC = 0.359

Weight: <None>
Min Conc: 0

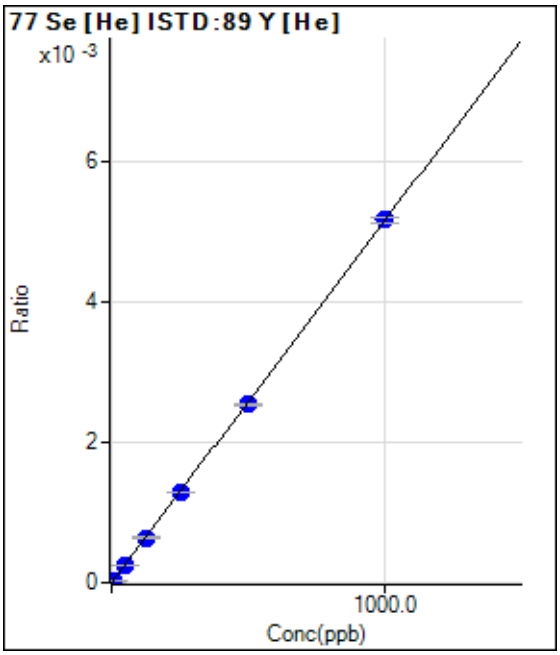
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	18.52	0.0000	P	34.6
2		0.100					
3		1.000	0.896	573.47	0.0002	P	3.9
4		50.000	49.726	31196.41	0.0128	P	0.8
5		125.000	125.733	77741.26	0.0323	P	0.6
6		250.000	250.260	151737.45	0.0642	P	0.5
7		500.000	499.847	303661.17	0.1282	P	0.3
8		1000.000	999.934	610872.48	0.2564	P	0.4
9				851.27	0.0004	P	10.5

y = 2.5646E-004 * x + 7.6509E-006
R = 1.0000
DL = 0.03096
BEC = 0.02983

Weight: <None>
Min Conc: 0

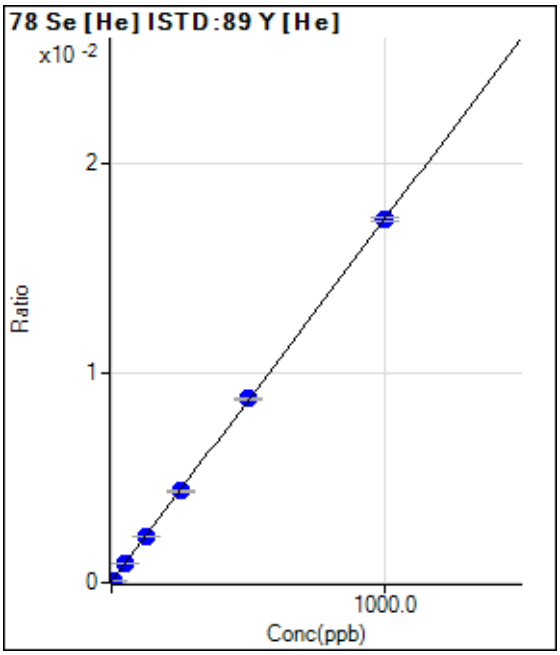


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	2.22	0.0000	P	86.6
2		0.500					
3		5.000	4.013	52.22	0.0000	P	28.8
4		50.000	48.341	612.25	0.0003	P	7.6
5		125.000	124.647	1552.33	0.0006	P	5.9
6		250.000	250.222	3054.82	0.0013	P	1.6
7		500.000	493.506	6034.70	0.0025	P	1.1
8		1000.000	1003.324	12335.40	0.0052	P	1.4
9				22.22	0.0000	P	23.2

y = 5.1605E-006 * x + 9.1962E-007
R = 1.0000
DL = 0.463
BEC = 0.1782

Weight: <None>
Min Conc: 0

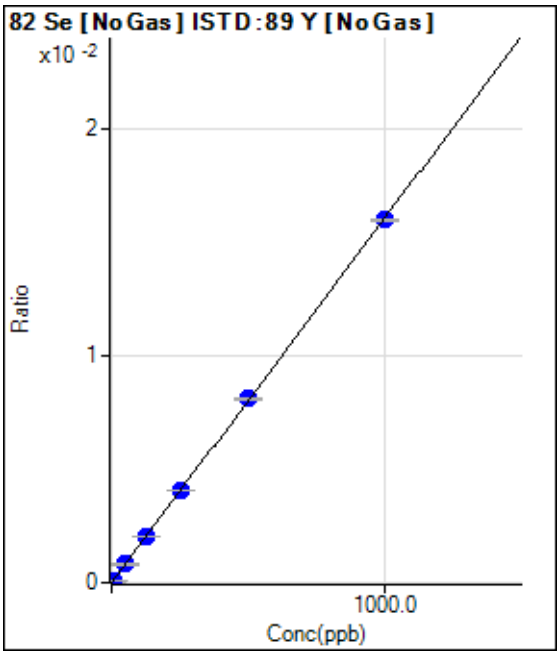
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.87	0.0001	P	32.0
2	☐	0.500					
3	☐	5.000	3.559	279.02	0.0001	P	10.3
4	☐	50.000	49.546	2223.03	0.0009	P	2.4
5	☐	125.000	123.581	5271.99	0.0022	P	0.5
6	☐	250.000	249.062	10290.15	0.0044	P	0.5
7	☐	500.000	504.025	20735.26	0.0088	P	1.2
8	☐	1000.000	998.429	41179.27	0.0173	P	0.9
9	☐			193.83	0.0001	P	8.9

y = 1.7260E-005 * x + 5.4115E-005
R = 1.0000
DL = 3.014
BEC = 3.135

Weight: <None>
Min Conc: 0

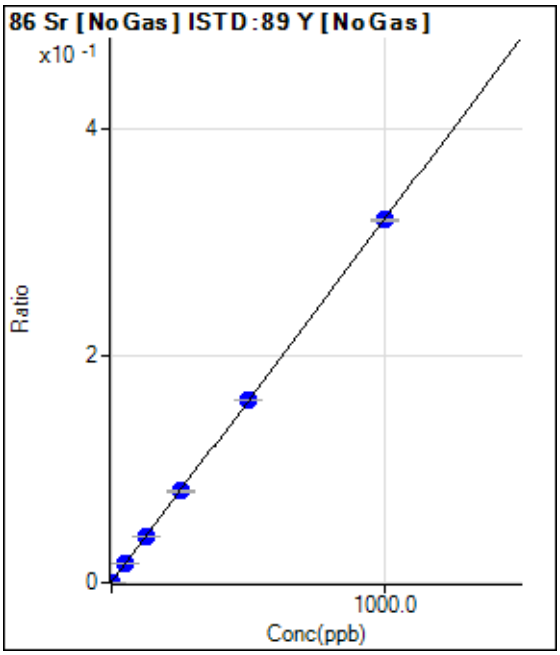


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-196.85	0.0000	P	-119.
2	☐	0.500					
3	☐	5.000	4.975	1091.89	0.0001	P	6.6
4	☐	50.000	50.275	12797.39	0.0008	P	0.5
5	☐	125.000	127.765	32223.74	0.0020	P	0.7
6	☐	250.000	253.341	65189.24	0.0040	P	0.7
7	☐	500.000	504.745	129252.66	0.0081	P	0.7
8	☐	1000.000	996.433	250798.27	0.0160	P	0.2
9	☐			263.20	0.0000	P	52.7

y = 1.6030E-005 * x - 1.2102E-005
R = 1.0000
DL = 2.711
BEC = -0.7549

Weight: <None>
Min Conc: 0

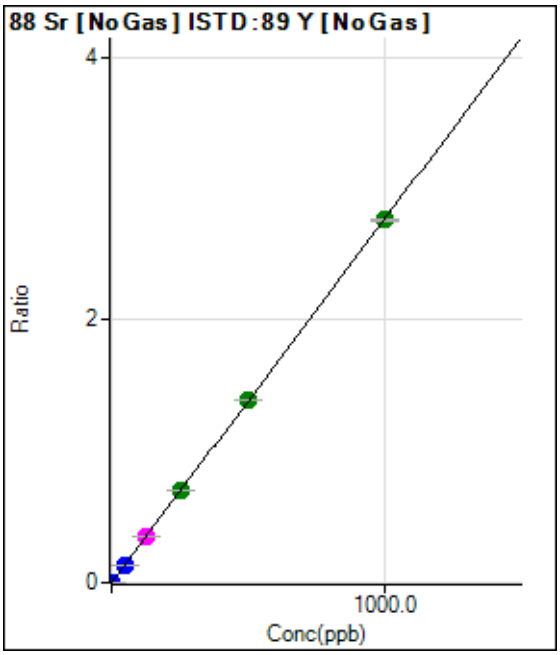
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6159.93	0.0004	P	4.9
2	☐	0.100					
3	☐	1.000	0.894	10793.32	0.0007	P	1.2
4	☐	50.000	49.955	263898.41	0.0164	P	0.4
5	☐	125.000	126.158	645065.80	0.0408	P	0.5
6	☐	250.000	250.936	1299115.66	0.0807	P	0.8
7	☐	500.000	502.218	2577504.79	0.1611	P	0.3
8	☐	1000.000	998.515	5027306.45	0.3199	P	0.2
9	☐			165237.76	0.0111	P	0.8

y = 3.2004E-004 * x + 3.8247E-004
R = 1.0000
DL = 0.1768
BEC = 1.195

Weight: <None>
Min Conc: 0

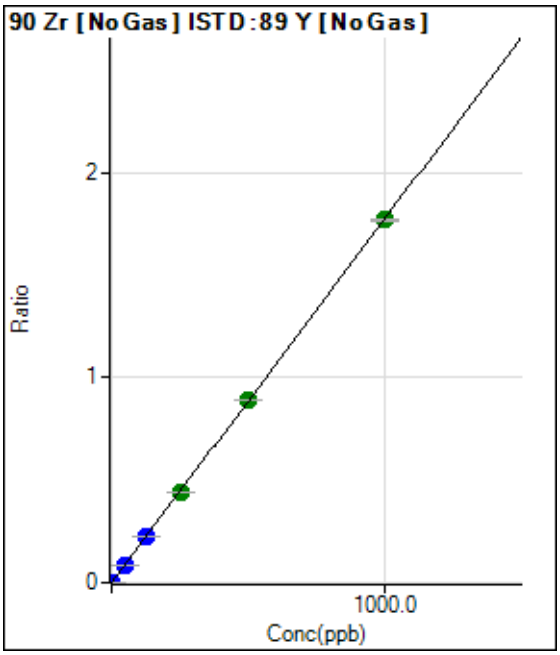


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.38	0.0000	P	24.9
2	☐	0.100					
3	☐	1.000	0.928	42154.54	0.0026	P	0.2
4	☐	50.000	50.126	2236223.79	0.1387	P	0.3
5	☐	125.000	126.815	5552864.71	0.3509	M	0.7
6	☐	250.000	252.374	11240990.10	0.6982	A	0.7
7	☐	500.000	501.610	22200741.64	1.3877	A	0.2
8	☐	1000.000	998.369	43399296.45	2.7619	A	0.5
9	☐			1380868.57	0.0928	P	0.5

y = 0.0028 * x + 4.3925E-005
R = 1.0000
DL = 0.01188
BEC = 0.01588

Weight: <None>
Min Conc: 0

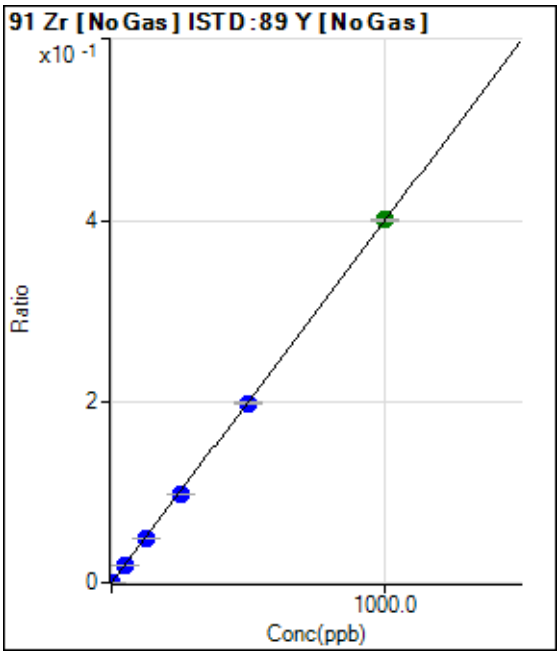
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1211.22	0.0001	P	15.1
2	☐	0.100					
3	☐	1.000	0.783	23606.40	0.0015	P	0.6
4	☐	50.000	49.356	1411411.20	0.0876	P	0.2
5	☐	125.000	125.891	3532421.91	0.2232	P	0.5
6	☐	250.000	248.874	7102491.13	0.4412	A	0.8
7	☐	500.000	503.966	14290572.89	0.8933	A	0.4
8	☐	1000.000	998.220	27798996.46	1.7692	A	0.8
9	☐			5915.36	0.0004	P	6.9

y = 0.0018 * x + 7.5272E-005
R = 1.0000
DL = 0.01918
BEC = 0.04247

Weight: <None>
Min Conc: 0

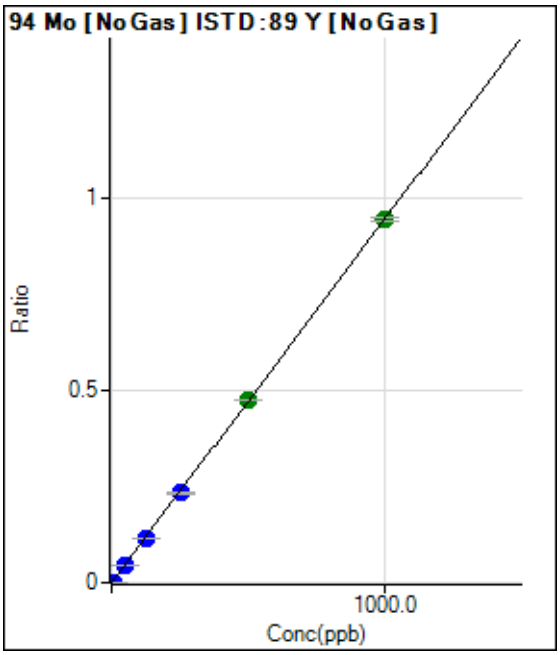


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.13	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.768	5231.74	0.0003	P	2.8
4	☐	50.000	48.807	314352.41	0.0195	P	0.5
5	☐	125.000	124.143	784519.26	0.0496	P	0.8
6	☐	250.000	245.565	1578268.29	0.0980	P	1.0
7	☐	500.000	495.722	3165730.45	0.1979	P	0.7
8	☐	1000.000	1003.415	6293421.80	0.4005	A	0.4
9	☐			1372.35	0.0001	P	9.0

y = 3.9915E-004 * x + 1.7734E-005
R = 1.0000
DL = 0.02619
BEC = 0.04443

Weight: <None>
Min Conc: 0

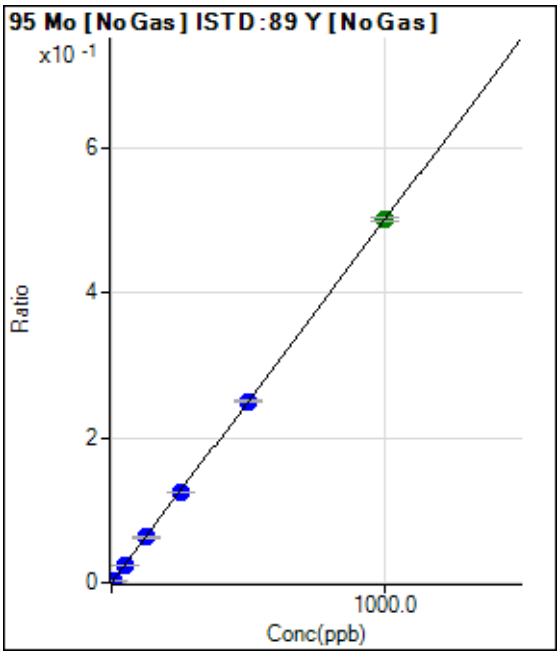
Reviewed By:jaswal
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	525.03	0.0000	P	22.0
2	☐	0.500					
3	☐	5.000	1.844	28637.87	0.0018	P	2.7
4	☐	50.000	48.586	740411.82	0.0459	P	0.9
5	☐	125.000	124.020	1854718.81	0.1172	P	0.4
6	☐	250.000	246.762	3753381.46	0.2331	P	1.0
7	☐	500.000	503.862	7615308.07	0.4760	A	0.6
8	☐	1000.000	999.087	14829914.91	0.9438	A	0.9
9	☐			24697.22	0.0017	P	5.6

y = 9.4466E-004 * x + 3.2528E-005
R = 1.0000
DL = 0.0227
BEC = 0.03443

Weight: <None>
Min Conc: 0

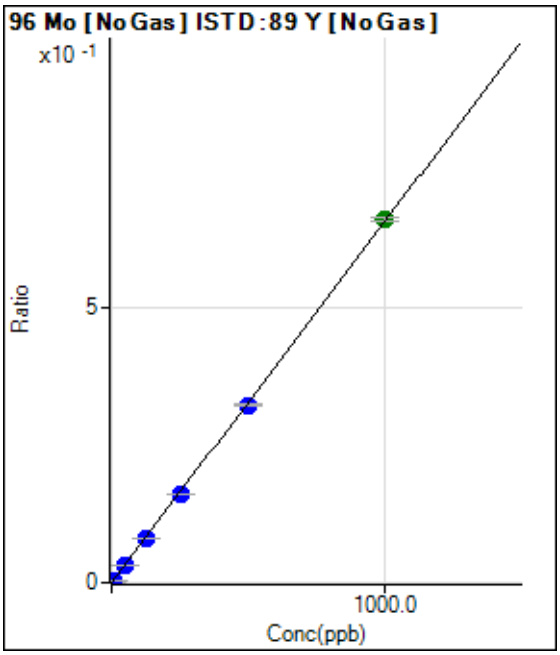


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	7.8
2	☐	0.500					
3	☐	5.000	4.286	34787.95	0.0022	P	0.4
4	☐	50.000	48.688	392362.61	0.0243	P	0.6
5	☐	125.000	124.867	987549.23	0.0624	P	0.5
6	☐	250.000	247.961	1994662.31	0.1239	P	0.8
7	☐	500.000	500.386	3999662.98	0.2500	P	0.4
8	☐	1000.000	1000.403	7853291.84	0.4998	A	1.0
9	☐			39734.30	0.0027	P	7.4

y = 4.9960E-004 * x + 1.4133E-005
R = 1.0000
DL = 0.006582
BEC = 0.02829

Weight: <None>
Min Conc: 0

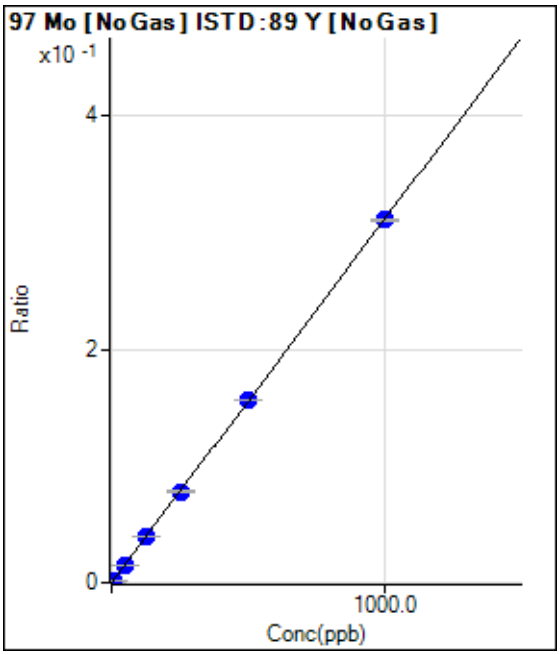
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.91	0.0000	P	11.2
2	☐	0.500					
3	☐	5.000	3.646	38873.44	0.0024	P	2.3
4	☐	50.000	47.914	506120.27	0.0314	P	1.1
5	☐	125.000	122.930	1274217.96	0.0805	P	0.8
6	☐	250.000	244.648	2579307.59	0.1602	P	0.8
7	☐	500.000	491.653	5150326.55	0.3219	P	0.7
8	☐	1000.000	1005.881	10348653.96	0.6586	A	1.0
9	☐			48032.33	0.0032	P	7.8

y = 6.5476E-004 * x + 2.1039E-005
R = 0.9999
DL = 0.01084
BEC = 0.03213

Weight: <None>
Min Conc: 0

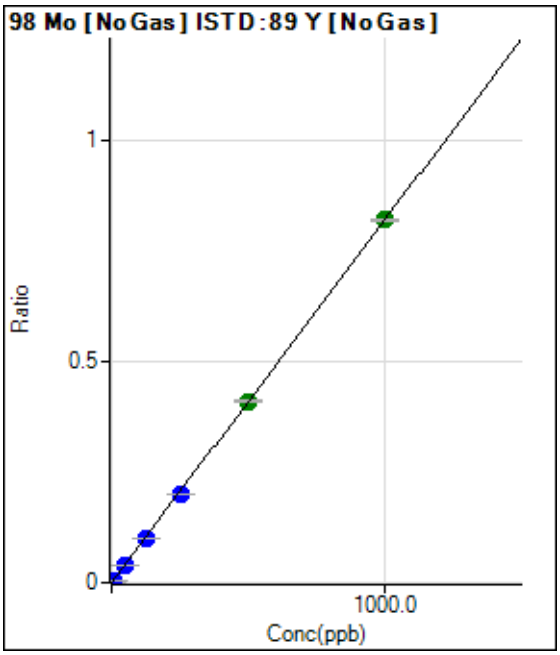


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	48.7
2	☐	0.500					
3	☐	5.000	4.213	21347.30	0.0013	P	1.8
4	☐	50.000	49.145	246687.81	0.0153	P	1.1
5	☐	125.000	126.014	620690.79	0.0392	P	0.7
6	☐	250.000	250.304	1253885.20	0.0779	P	1.3
7	☐	500.000	502.025	2498932.85	0.1562	P	0.6
8	☐	1000.000	998.831	4882996.86	0.3108	P	0.7
9	☐			23834.82	0.0016	P	5.8

y = 3.1112E-004 * x + 1.1868E-005
R = 1.0000
DL = 0.05571
BEC = 0.03815

Weight: <None>
Min Conc: 0

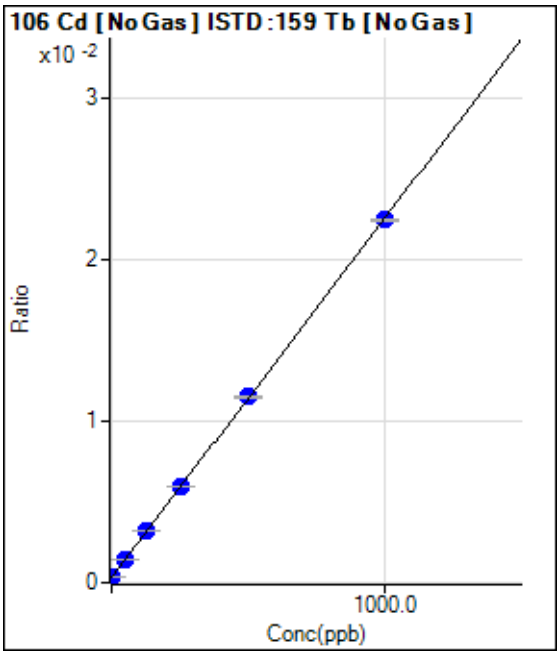
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	355.58	0.0000	P	16.6
2	☐	0.500					
3	☐	5.000	4.241	56314.93	0.0035	P	0.7
4	☐	50.000	48.244	636153.14	0.0395	P	0.3
5	☐	125.000	123.272	1595260.27	0.1008	P	0.3
6	☐	250.000	245.667	3233611.64	0.2009	P	0.8
7	☐	500.000	499.766	6536231.40	0.4086	A	1.2
8	☐	1000.000	1001.508	12864594.47	0.8187	A	0.7
9	☐			62767.21	0.0042	P	8.0

y = 8.1749E-004 * x + 2.2037E-005
R = 1.0000
DL = 0.01342
BEC = 0.02696

Weight: <None>
Min Conc: 0

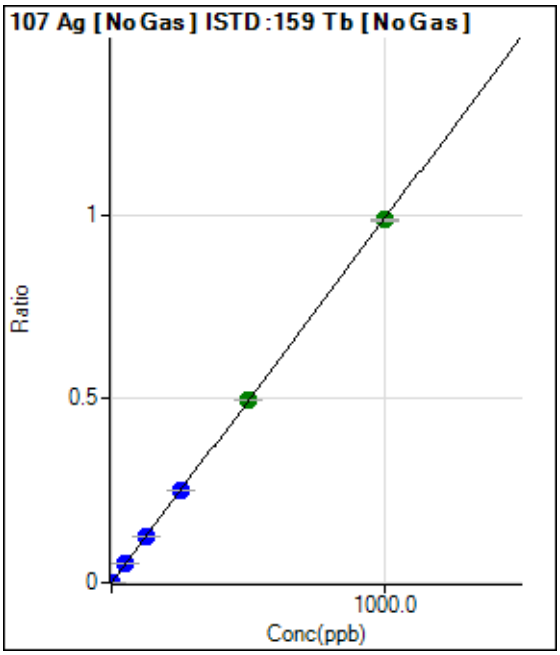


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6468.42	0.0003	P	3.8
2	☐	0.100					
3	☐	1.000	0.252	6568.49	0.0003	P	2.9
4	☐	50.000	51.547	30686.99	0.0015	P	2.3
5	☐	125.000	129.072	66127.06	0.0032	P	0.4
6	☐	250.000	253.958	125250.19	0.0060	P	0.2
7	☐	500.000	503.524	243788.90	0.0115	P	0.6
8	☐	1000.000	996.663	463173.84	0.0225	P	0.3
9	☐			5990.42	0.0003	P	6.0

y = 2.2222E-005 * x + 3.0708E-004
R = 1.0000
DL = 1.57
BEC = 13.82

Weight: <None>
Min Conc: 0

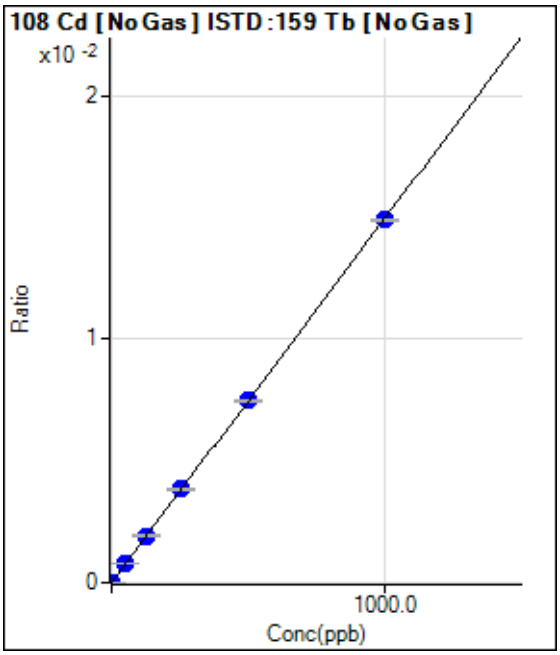
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.02	0.0000	P	25.7
2	☐	0.100					
3	☐	1.000	1.203	25248.37	0.0012	P	1.7
4	☐	50.000	51.238	1070427.26	0.0507	P	0.9
5	☐	125.000	128.511	2646037.49	0.1271	P	0.7
6	☐	250.000	254.534	5296905.24	0.2517	P	0.3
7	☐	500.000	503.121	10547731.74	0.4974	A	0.5
8	☐	1000.000	996.805	20326877.19	0.9855	A	0.3
9	☐			2683.72	0.0001	P	7.4

y = 9.8863E-004 * x + 1.3038E-005
R = 1.0000
DL = 0.01015
BEC = 0.01319

Weight: <None>
Min Conc: 0

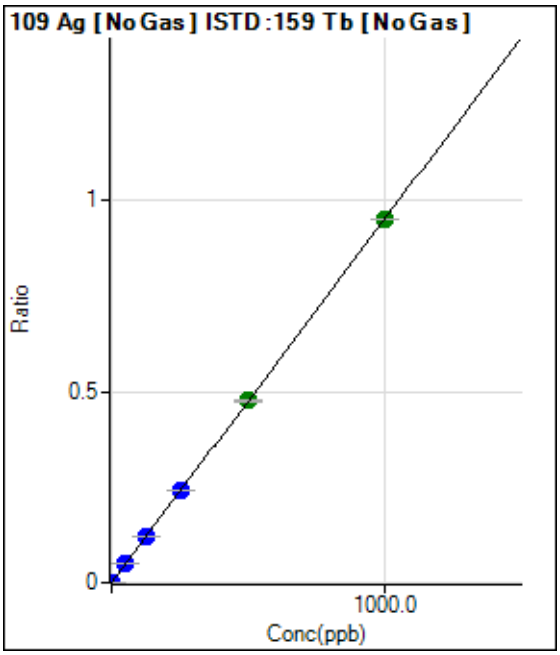


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.9
2	☐	0.100					
3	☐	1.000	0.952	312.51	0.0000	P	9.5
4	☐	50.000	51.617	16297.09	0.0008	P	2.4
5	☐	125.000	128.914	40102.64	0.0019	P	1.0
6	☐	250.000	256.526	80648.93	0.0038	P	1.4
7	☐	500.000	500.791	158596.54	0.0075	P	0.6
8	☐	1000.000	997.403	307234.09	0.0149	P	0.2
9	☐			97.23	0.0000	P	28.8

y = 1.4933E-005 * x + 6.5993E-007
R = 1.0000
DL = 0.0462
BEC = 0.04419

Weight: <None>
Min Conc: 0

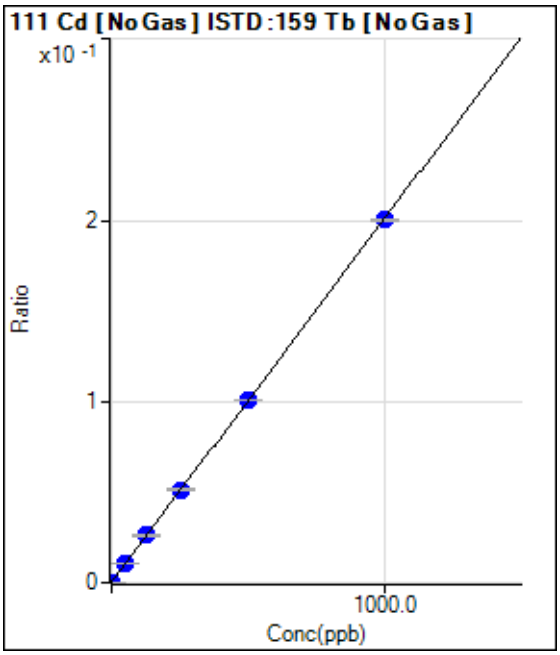
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	34.1
2	☐	0.100					
3	☐	1.000	1.191	23957.22	0.0011	P	2.6
4	☐	50.000	51.153	1027180.09	0.0486	P	0.1
5	☐	125.000	128.345	2540119.55	0.1220	P	1.3
6	☐	250.000	253.852	5077955.32	0.2413	P	0.3
7	☐	500.000	500.206	10080247.36	0.4754	A	1.0
8	☐	1000.000	998.458	19571790.37	0.9489	A	0.2
9	☐			2597.57	0.0001	P	2.1

y = 9.5032E-004 * x + 8.9903E-006
R = 1.0000
DL = 0.009673
BEC = 0.00946

Weight: <None>
Min Conc: 0

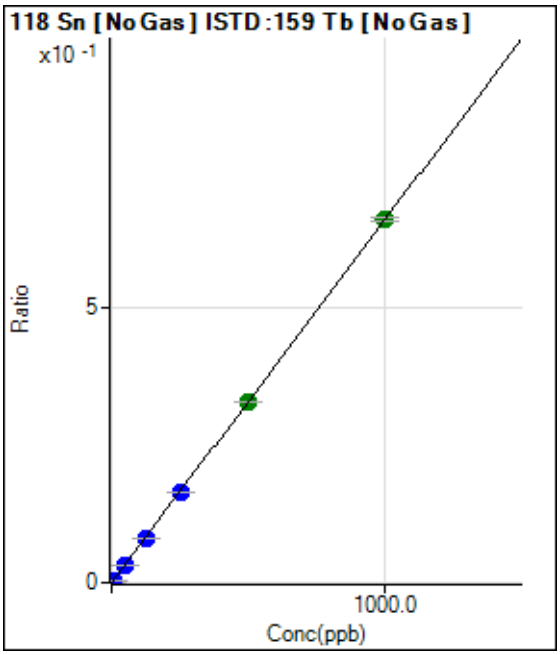


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4558.45	0.0002	P	4.0
2	☐	0.100					
3	☐	1.000	0.862	8178.40	0.0004	P	1.2
4	☐	50.000	51.295	222088.55	0.0105	P	1.6
5	☐	125.000	129.247	544742.65	0.0262	P	1.6
6	☐	250.000	255.406	1083605.24	0.0515	P	0.3
7	☐	500.000	502.766	2144557.46	0.1011	P	0.3
8	☐	1000.000	996.670	4130848.50	0.2003	P	0.3
9	☐			4778.04	0.0002	P	5.8

y = 2.0072E-004 * x + 2.1640E-004
R = 1.0000
DL = 0.1288
BEC = 1.078

Weight: <None>
Min Conc: 0

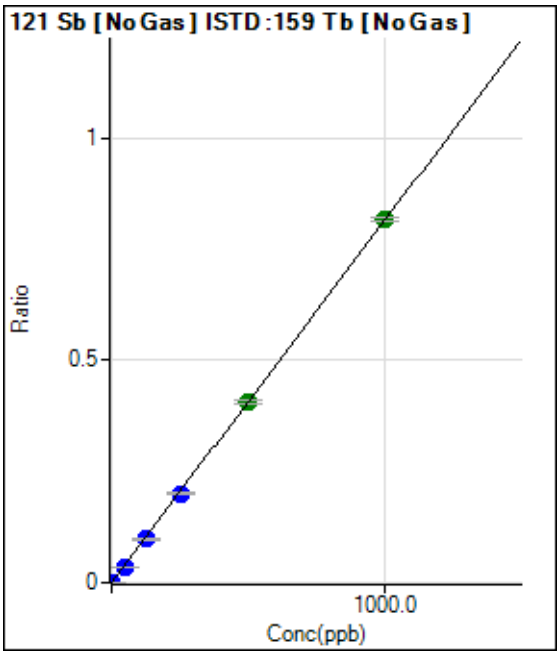
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	997.31	0.0000	P	22.5
2	☐	0.500					
3	☐	5.000	4.368	61443.50	0.0029	P	2.2
4	☐	50.000	48.972	682609.43	0.0323	P	0.2
5	☐	125.000	123.607	1696739.51	0.0815	P	1.4
6	☐	250.000	247.708	3435865.88	0.1632	P	0.3
7	☐	500.000	498.819	6969618.90	0.3287	A	0.1
8	☐	1000.000	1001.392	13608011.76	0.6598	A	1.1
9	☐			14255.13	0.0007	P	9.9

y = 6.5881E-004 * x + 4.7386E-005
R = 1.0000
DL = 0.0485
BEC = 0.07193

Weight: <None>
Min Conc: 0

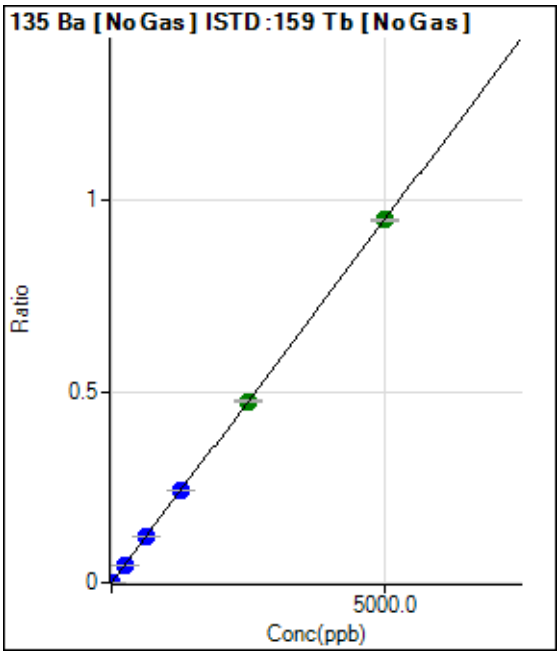


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1886.34	0.0001	P	4.0
2	☐	0.200					
3	☐	2.000	1.725	31363.96	0.0015	P	0.9
4	☐	50.000	44.260	762912.36	0.0361	P	2.9
5	☐	125.000	119.586	2028784.09	0.0974	P	0.8
6	☐	250.000	246.321	4221658.34	0.2006	P	0.9
7	☐	500.000	499.199	8617537.78	0.4064	A	1.3
8	☐	1000.000	1002.285	16827311.83	0.8159	A	1.1
9	☐			80652.26	0.0041	P	7.7

y = 8.1391E-004 * x + 8.9592E-005
R = 1.0000
DL = 0.0131
BEC = 0.1101

Weight: <None>
Min Conc: 0

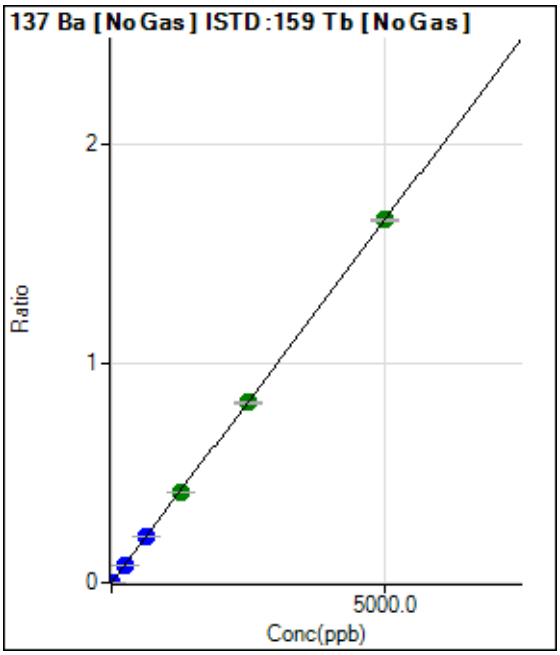
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.13	0.0000	P	44.2
2	☐	1.000					
3	☐	10.000	8.705	35109.38	0.0017	P	1.4
4	☐	250.000	250.187	1004197.84	0.0475	P	0.8
5	☐	625.000	631.112	2496457.48	0.1199	P	0.9
6	☐	1250.000	1260.222	5038118.08	0.2394	P	0.1
7	☐	2500.000	2493.019	10040504.13	0.4735	A	1.0
8	☐	5000.000	5000.164	19587587.24	0.9497	A	0.5
9	☐			7427.32	0.0004	P	3.2

y = 1.8992E-004 * x + 1.8341E-005
R = 1.0000
DL = 0.128
BEC = 0.09657

Weight: <None>
Min Conc: 0

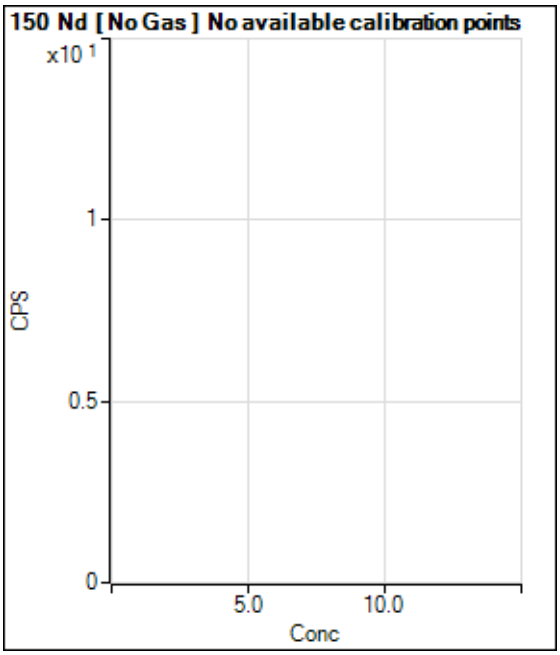


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	519.48	0.0000	P	36.8
2	☐	1.000					
3	☐	10.000	8.775	61493.66	0.0029	P	1.8
4	☐	250.000	250.517	1751295.63	0.0829	P	0.7
5	☐	625.000	631.423	4350403.92	0.2089	P	0.7
6	☐	1250.000	1247.470	8686609.74	0.4127	A	0.5
7	☐	2500.000	2484.035	17425649.87	0.8218	A	0.4
8	☐	5000.000	5007.789	34170210.49	1.6566	A	0.3
9	☐			12903.70	0.0007	P	7.8

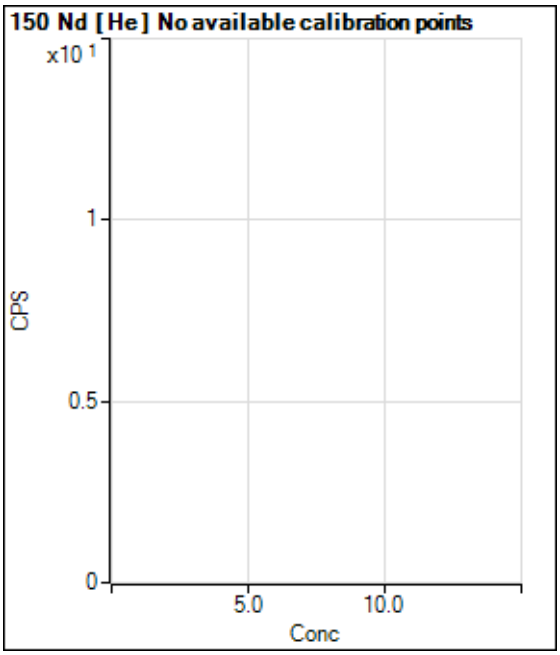
y = 3.3081E-004 * x + 2.4652E-005
R = 1.0000
DL = 0.08231
BEC = 0.07452

Weight: <None>
Min Conc: 0

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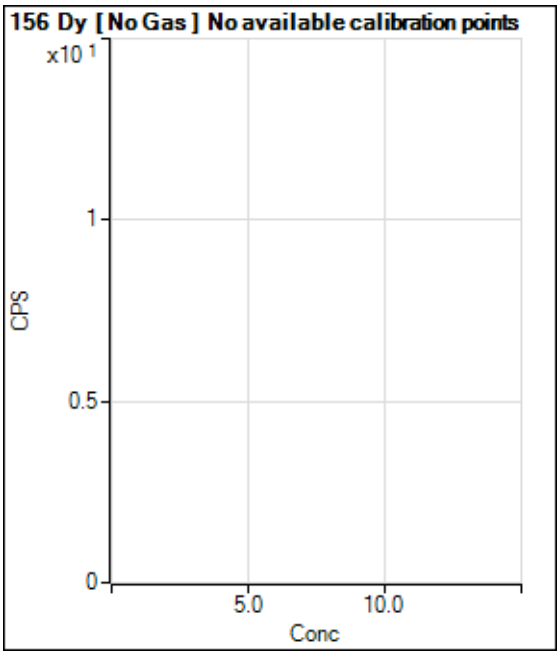


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			20.00		P	88.2
2	☐						
3	☐			13.33		P	50.0
4	☐			82.23		P	26.1
5	☐			168.89		P	12.1
6	☐			333.35		P	17.8
7	☐			717.82		P	2.3
8	☐			1233.43		P	7.8
9	☐			260.01		P	21.0

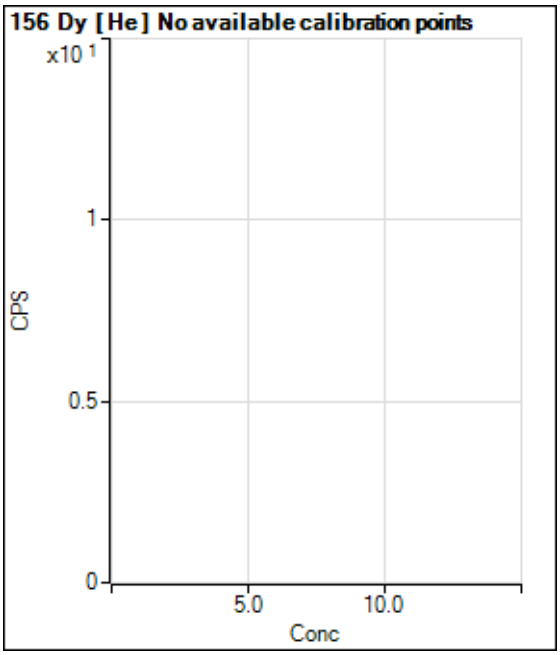


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			5.55		P	69.3
5	☐			24.44		P	20.8
6	☐			31.11		P	32.7
7	☐			70.00		P	17.2
8	☐			123.34		P	2.7
9	☐			108.89		P	1.8

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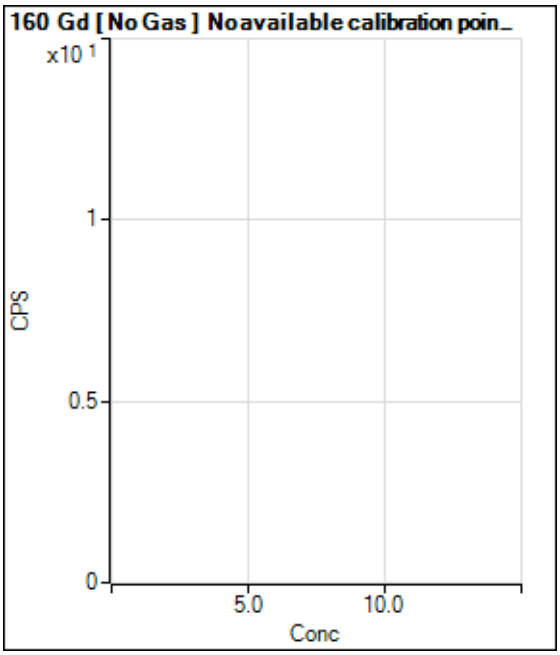


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			300.02		P	80.9
2	☐						
3	☐			66.67		P	33.1
4	☐			94.45		P	41.7
5	☐			136.12		P	55.6
6	☐			194.45		P	13.8
7	☐			244.46		P	18.8
8	☐			361.13		P	29.0
9	☐			322.24		P	7.9

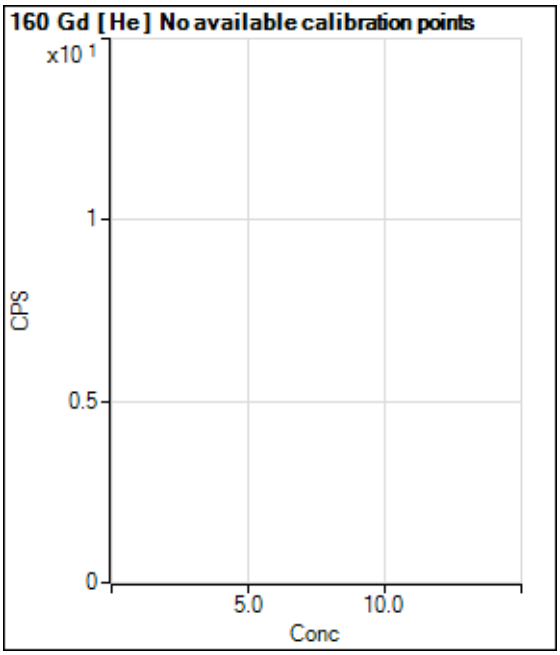


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			8.89		P	78.1
4	☐			10.00		P	33.3
5	☐			23.33		P	14.3
6	☐			37.78		P	5.1
7	☐			75.56		P	12.7
8	☐			120.00		P	9.6
9	☐			95.56		P	12.2

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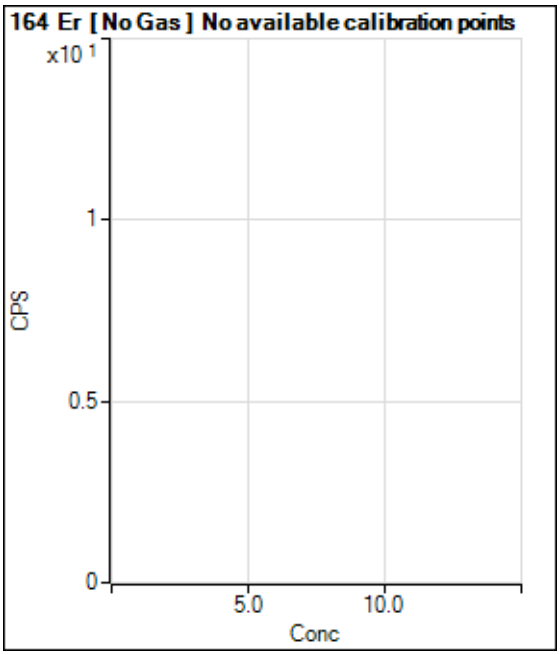


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			188.90		P	19.9
2	☐						
3	☐			180.56		P	7.1
4	☐			158.34		P	13.9
5	☐			177.79		P	19.5
6	☐			208.34		P	4.0
7	☐			258.35		P	28.7
8	☐			294.46		P	7.1
9	☐			369.47		P	11.1

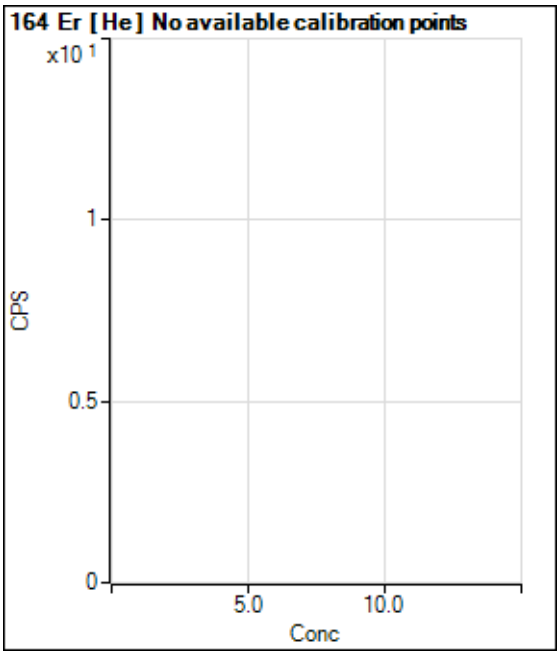


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1	☐			68.89		P	7.4
2	☐						
3	☐			67.78		P	10.2
4	☐			65.56		P	28.0
5	☐			72.22		P	14.1
6	☐			62.22		P	8.2
7	☐			91.11		P	16.9
8	☐			141.12		P	2.7
9	☐			155.56		P	5.4

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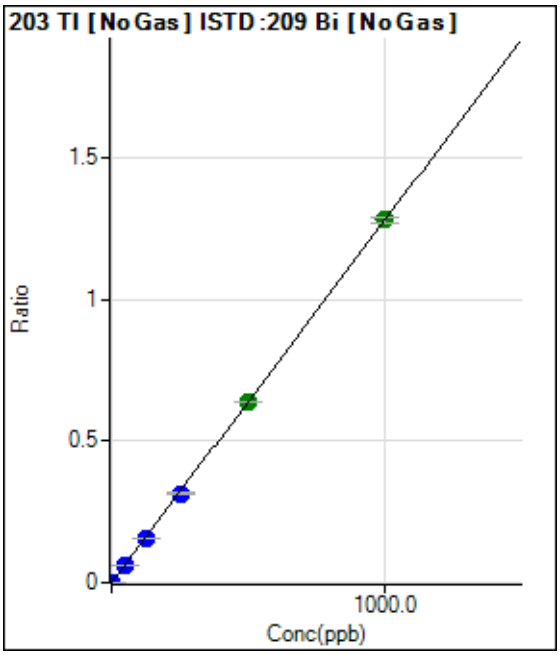


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1	☐			100.01		P	33.3
2	☐						
3	☐			108.34		P	33.5
4	☐			47.22		P	10.2
5	☐			63.89		P	7.5
6	☐			94.45		P	28.4
7	☐			125.01		P	20.0
8	☐			88.89		P	28.6
9	☐			183.34		P	32.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.55		P	27.1
2	☐						
3	☐			40.00		P	14.4
4	☐			30.00		P	58.8
5	☐			31.11		P	6.2
6	☐			34.44		P	27.9
7	☐			50.00		P	24.0
8	☐			47.78		P	10.7
9	☐			73.34		P	25.3

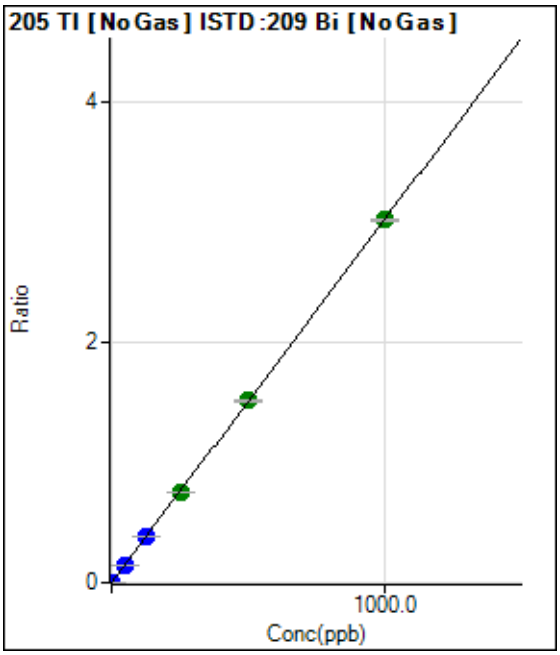
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491.70	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.845	15456.83	0.0011	P	2.7
4	☐	50.000	48.469	864916.80	0.0620	P	0.7
5	☐	125.000	123.159	2143516.56	0.1574	P	0.1
6	☐	250.000	246.425	4357051.23	0.3148	P	0.8
7	☐	500.000	498.313	8681925.02	0.6366	A	0.4
8	☐	1000.000	1002.044	16784651.94	1.2801	A	1.5
9	☐			6337.94	0.0005	P	5.8

y = 0.0013 * x + 3.5313E-005
R = 1.0000
DL = 0.0086
BEC = 0.02764

Weight: <None>
Min Conc: 0

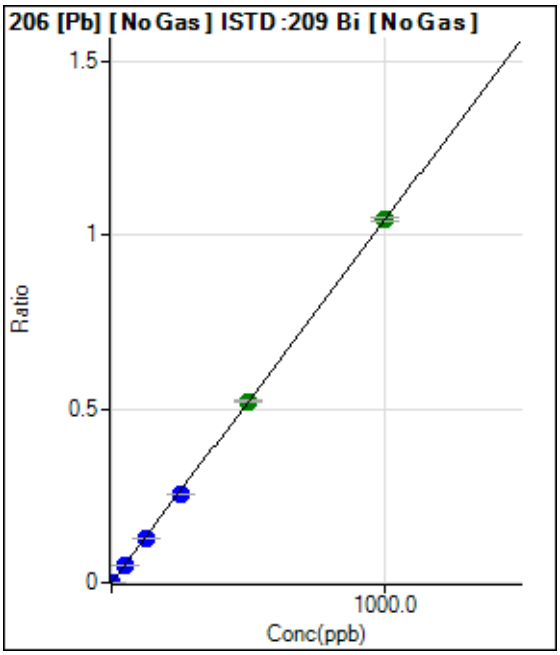


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1086.21	0.0001	P	1.9
2	☐	0.100					
3	☐	1.000	0.875	37618.19	0.0027	P	0.3
4	☐	50.000	49.186	2070763.72	0.1483	P	0.6
5	☐	125.000	125.814	5166418.61	0.3793	P	0.3
6	☐	250.000	247.609	10329461.43	0.7464	A	0.8
7	☐	500.000	501.379	20610162.61	1.5113	A	0.4
8	☐	1000.000	999.847	39517660.60	3.0138	A	0.7
9	☐			15009.10	0.0013	P	7.6

y = 0.0030 * x + 7.7994E-005
R = 1.0000
DL = 0.001477
BEC = 0.02588

Weight: <None>
Min Conc: 0

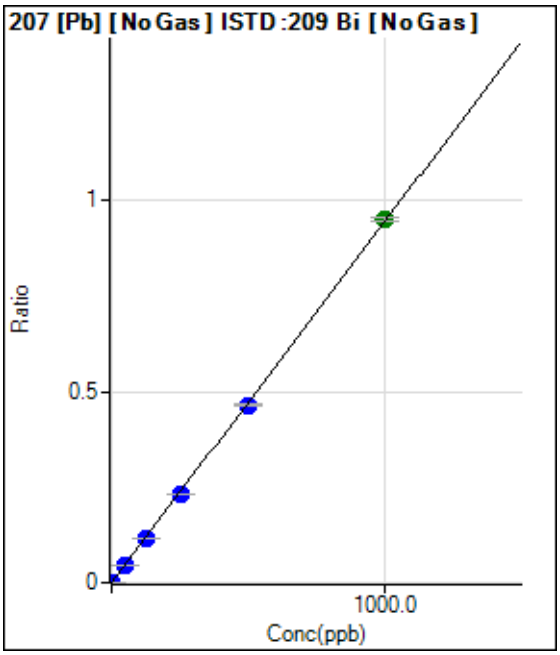
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3002.29	0.0002	P	1.9
2	☐	0.100					
3	☐	1.000	0.961	16831.48	0.0012	P	2.4
4	☐	50.000	48.037	700651.52	0.0502	P	0.7
5	☐	125.000	121.814	1729028.83	0.1269	P	0.4
6	☐	250.000	242.719	3497288.97	0.2527	P	0.3
7	☐	500.000	501.016	7110820.01	0.5214	A	0.6
8	☐	1000.000	1001.809	13667522.76	1.0424	A	1.0
9	☐			27631.14	0.0024	P	2.0

y = 0.0010 * x + 2.1556E-004
R = 1.0000
DL = 0.01151
BEC = 0.2072

Weight: <None>
Min Conc: 0

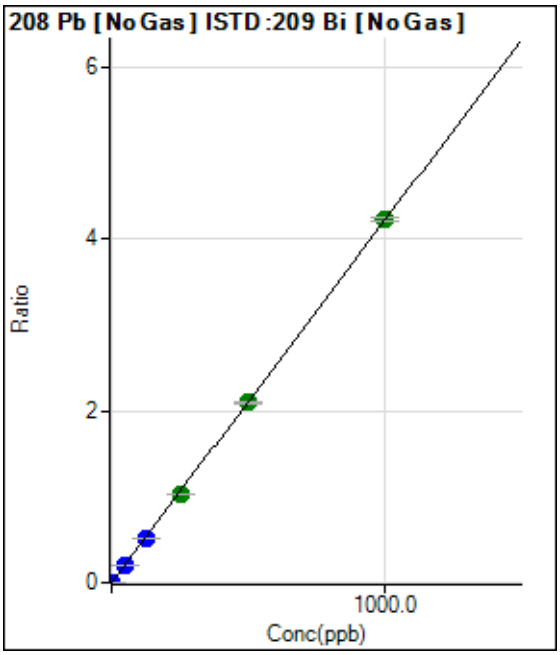


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2504.02	0.0002	P	2.7
2	☐	0.100					
3	☐	1.000	0.953	14943.97	0.0011	P	1.0
4	☐	50.000	48.188	637228.07	0.0456	P	0.7
5	☐	125.000	122.050	1571008.99	0.1153	P	0.1
6	☐	250.000	243.706	3184635.63	0.2301	P	0.2
7	☐	500.000	491.988	6333044.70	0.4644	P	0.5
8	☐	1000.000	1006.039	12448359.77	0.9494	A	1.1
9	☐			23790.30	0.0020	P	1.0

y = 9.4355E-004 * x + 1.7984E-004
R = 0.9999
DL = 0.01565
BEC = 0.1906

Weight: <None>
Min Conc: 0

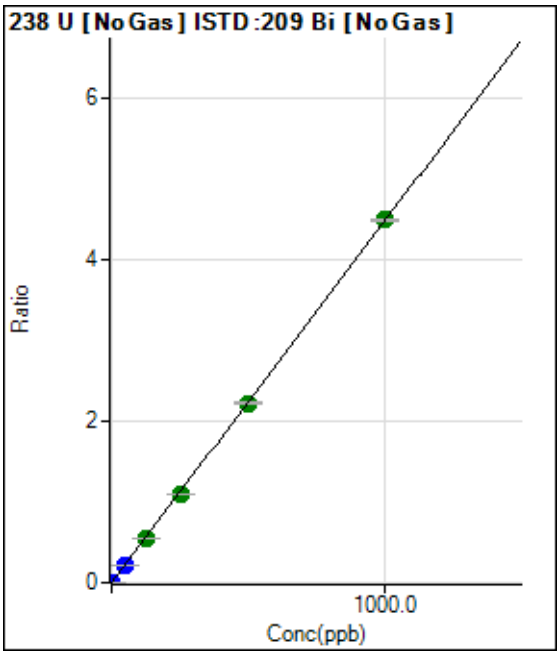
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12078.49	0.0009	P	1.9
2	☐	0.100					
3	☐	1.000	0.951	67412.76	0.0049	P	0.9
4	☐	50.000	48.688	2870039.30	0.2056	P	0.3
5	☐	125.000	123.631	7092437.61	0.5207	P	0.1
6	☐	250.000	244.830	14257962.50	1.0303	A	0.2
7	☐	500.000	497.082	28514977.32	2.0910	A	0.6
8	☐	1000.000	1002.988	55307321.38	4.2182	A	0.9
9	☐			109652.83	0.0094	P	0.3

y = 0.0042 * x + 8.6749E-004
R = 1.0000
DL = 0.0115
BEC = 0.2063

Weight: <None>
Min Conc: 0

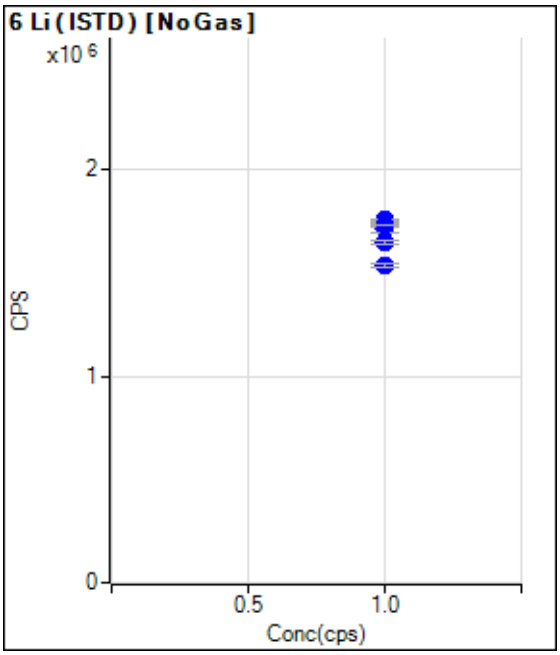


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.37	0.0000	P	20.2
2	☐	0.100					
3	☐	1.000	0.838	52537.64	0.0038	P	0.3
4	☐	50.000	47.677	2980052.56	0.2135	P	0.6
5	☐	125.000	121.773	7425725.86	0.5452	A	0.7
6	☐	250.000	243.605	15091471.00	1.0906	A	0.7
7	☐	500.000	496.770	30326860.05	2.2239	A	0.9
8	☐	1000.000	1003.733	58916674.93	4.4933	A	0.5
9	☐			10763.21	0.0009	P	4.2

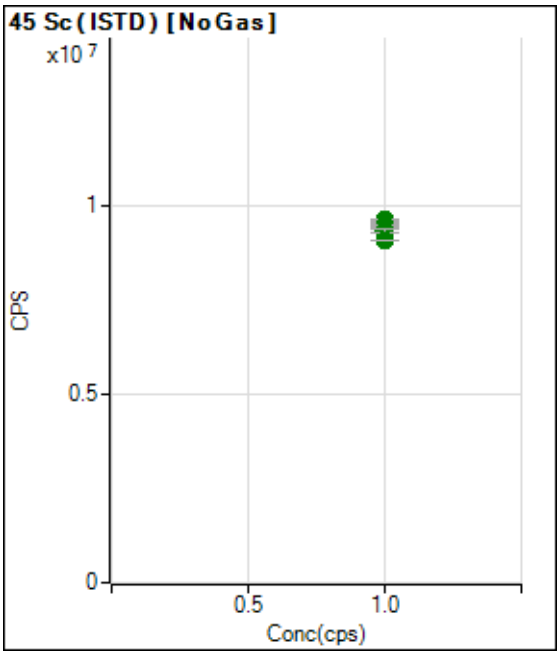
y = 0.0045 * x + 4.1838E-005
R = 1.0000
DL = 0.005668
BEC = 0.009346

Weight: <None>
Min Conc: 0

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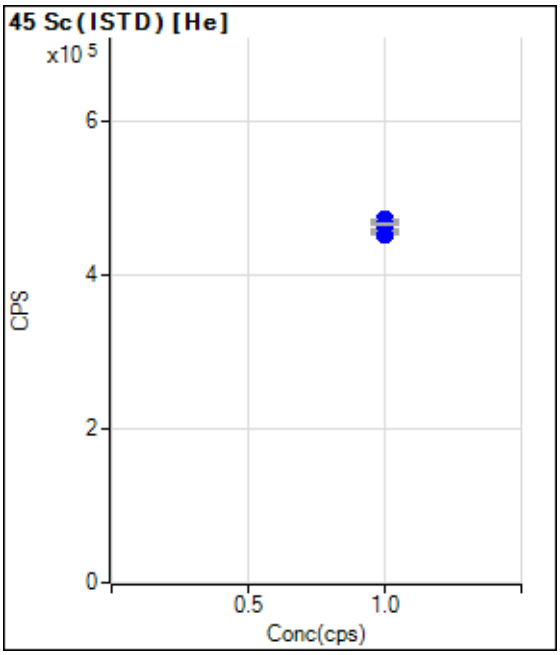


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1711719.56		P	1.5
2	☐	1.000					
3	☐	1.000		1739568.93		P	1.5
4	☐	1.000		1757076.17		P	0.4
5	☐	1.000		1729080.55		P	1.1
6	☐	1.000		1754130.76		P	0.7
7	☐	1.000		1731419.04		P	0.4
8	☐	1.000		1647549.44		P	0.8
9	☐	1.000		1535656.40		P	0.8

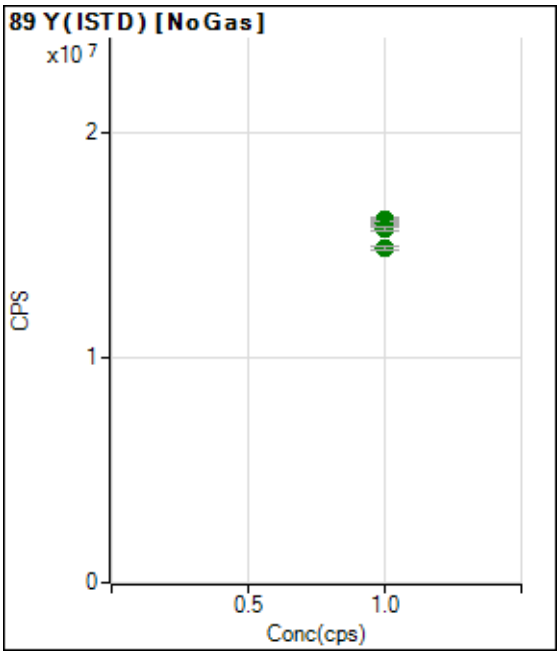


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9617074.00		A	1.4
2	☐	1.000					
3	☐	1.000		9559188.84		A	1.4
4	☐	1.000		9650084.68		A	0.5
5	☐	1.000		9489599.35		A	1.2
6	☐	1.000		9506452.82		A	1.3
7	☐	1.000		9480175.12		A	0.5
8	☐	1.000		9349097.00		A	1.1
9	☐	1.000		9109239.09		A	0.3

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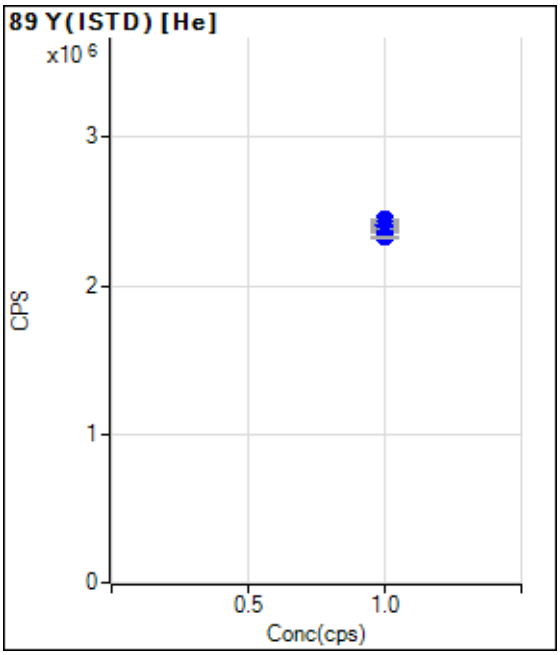


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1	☐	1.000		471593.73		P	1.1
2	☐	1.000					
3	☐	1.000		469242.05		P	0.8
4	☐	1.000		472446.62		P	0.3
5	☐	1.000		465609.59		P	0.3
6	☐	1.000		454298.40		P	0.4
7	☐	1.000		457792.77		P	0.9
8	☐	1.000		459252.09		P	0.5
9	☐	1.000		466123.69		P	0.5

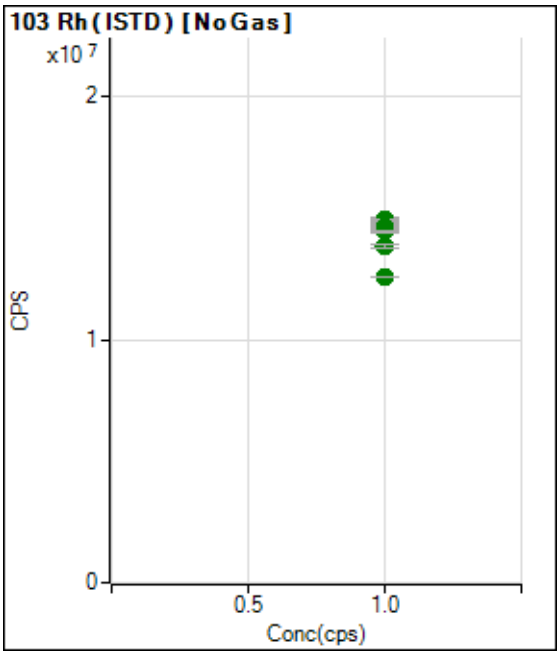


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1	☐	1.000		16112292.26		A	1.3
2	☐	1.000					
3	☐	1.000		16140525.87		A	0.9
4	☐	1.000		16121253.79		A	1.0
5	☐	1.000		15826518.38		A	0.4
6	☐	1.000		16100542.81		A	1.3
7	☐	1.000		15998345.74		A	0.6
8	☐	1.000		15713204.90		A	1.0
9	☐	1.000		14883535.47		A	0.7

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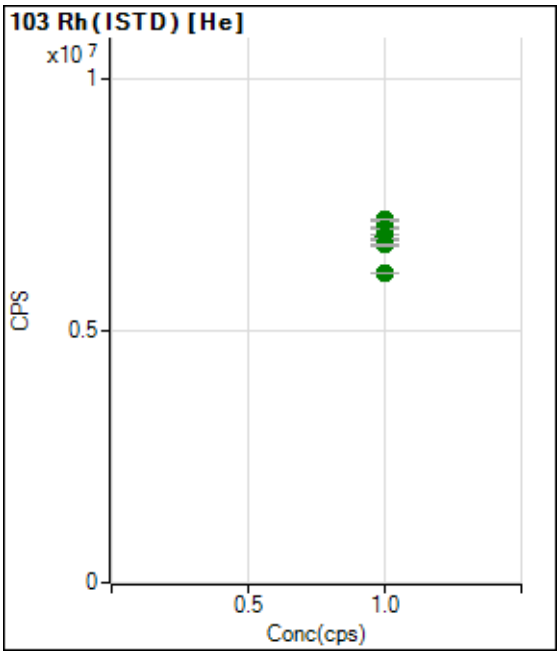


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2	☐	1.000					
3	☐	1.000		2414861.19		P	0.3
4	☐	1.000		2444791.80		P	0.4
5	☐	1.000		2410375.43		P	0.6
6	☐	1.000		2363953.16		P	0.8
7	☐	1.000		2368714.48		P	0.5
8	☐	1.000		2382040.28		P	0.1
9	☐	1.000		2328551.87		P	0.4

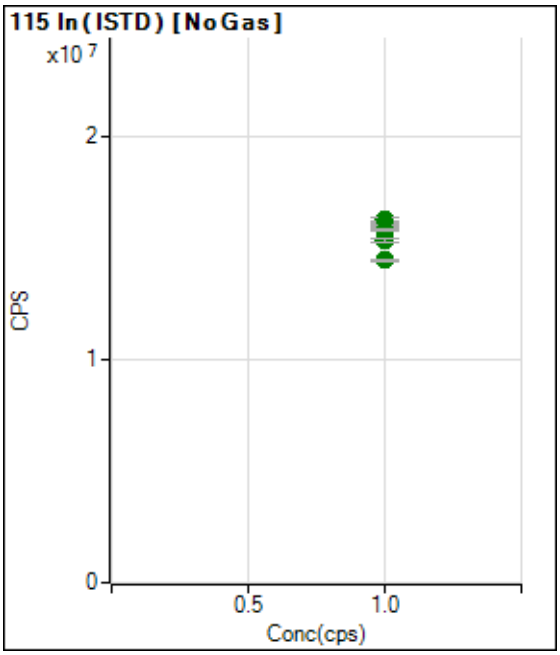


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14908252.24		A	1.8
2	☐	1.000					
3	☐	1.000		14872342.34		A	1.5
4	☐	1.000		14941225.51		A	0.6
5	☐	1.000		14621162.83		A	0.8
6	☐	1.000		14559360.92		A	0.5
7	☐	1.000		14465765.95		A	0.2
8	☐	1.000		13841790.59		A	1.0
9	☐	1.000		12604658.18		A	0.4

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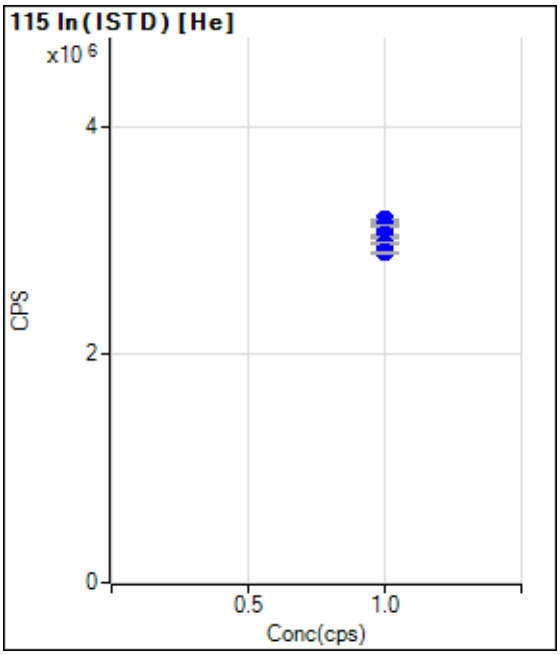


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7052376.21		A	0.3
2	☐	1.000					
3	☐	1.000		7165804.41		A	0.3
4	☐	1.000		7188671.56		A	0.6
5	☐	1.000		6995715.04		A	0.1
6	☐	1.000		6857403.44		A	1.3
7	☐	1.000		6802886.78		A	0.3
8	☐	1.000		6698614.76		A	0.4
9	☐	1.000		6139716.44		A	0.3

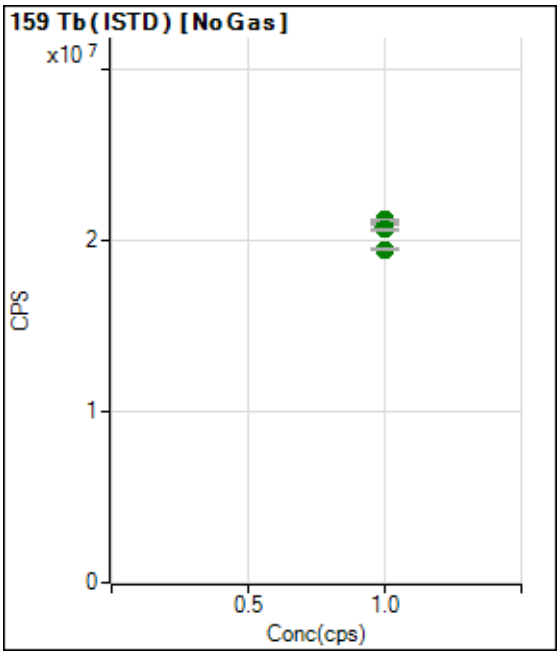


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16252255.29		A	1.8
2	☐	1.000					
3	☐	1.000		16218114.43		A	1.4
4	☐	1.000		16115903.12		A	0.6
5	☐	1.000		15891808.95		A	1.1
6	☐	1.000		15999984.91		A	0.7
7	☐	1.000		15804296.05		A	0.2
8	☐	1.000		15343054.59		A	0.9
9	☐	1.000		14449563.17		A	0.7

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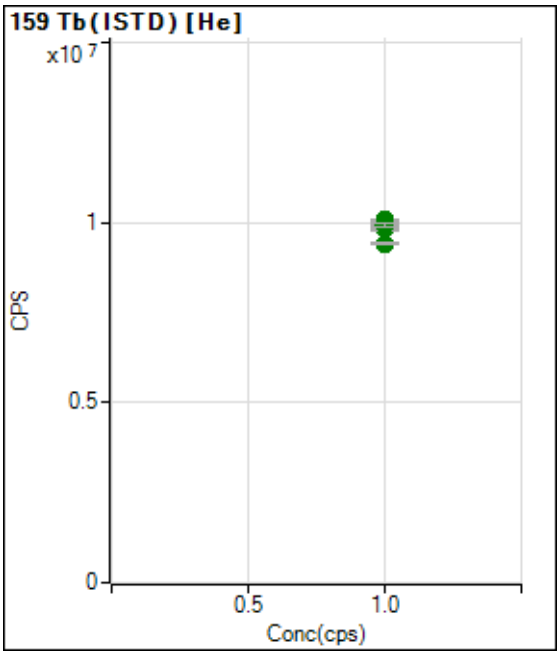


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3154752.59		P	0.4
2	☐	1.000					
3	☐	1.000		3147760.58		P	0.4
4	☐	1.000		3180493.80		P	0.6
5	☐	1.000		3130326.86		P	0.3
6	☐	1.000		3045526.70		P	0.6
7	☐	1.000		3026276.08		P	0.7
8	☐	1.000		2974165.20		P	0.2
9	☐	1.000		2897914.43		P	0.5

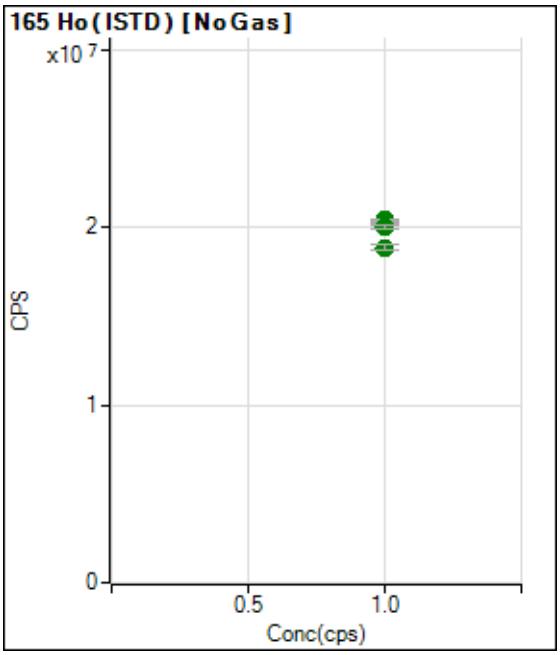


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21060191.91		A	1.0
2	☐	1.000					
3	☐	1.000		21003682.46		A	0.9
4	☐	1.000		21126510.10		A	0.6
5	☐	1.000		20825422.19		A	0.9
6	☐	1.000		21048301.21		A	0.6
7	☐	1.000		21205343.85		A	0.2
8	☐	1.000		20626619.83		A	0.9
9	☐	1.000		19499008.18		A	0.3

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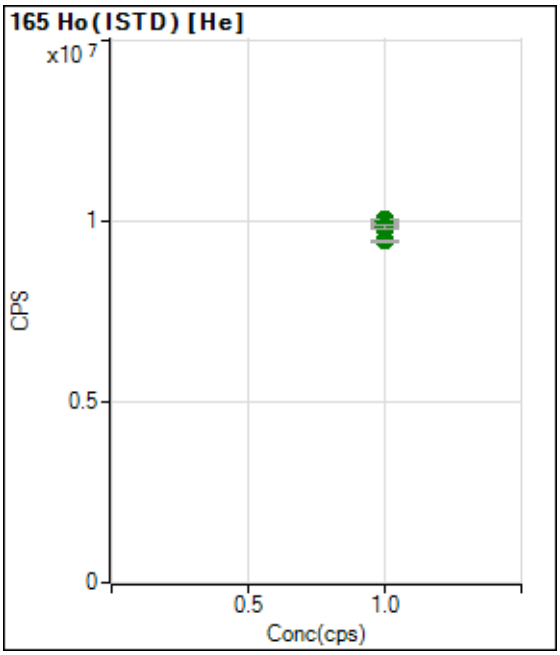


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9868129.51		A	0.1
2	☐	1.000					
3	☐	1.000		9966087.14		A	0.9
4	☐	1.000		10070648.46		A	0.3
5	☐	1.000		10004813.05		A	0.1
6	☐	1.000		9800159.58		A	0.5
7	☐	1.000		9943587.28		A	0.2
8	☐	1.000		9914849.78		A	0.8
9	☐	1.000		9404966.25		A	0.7

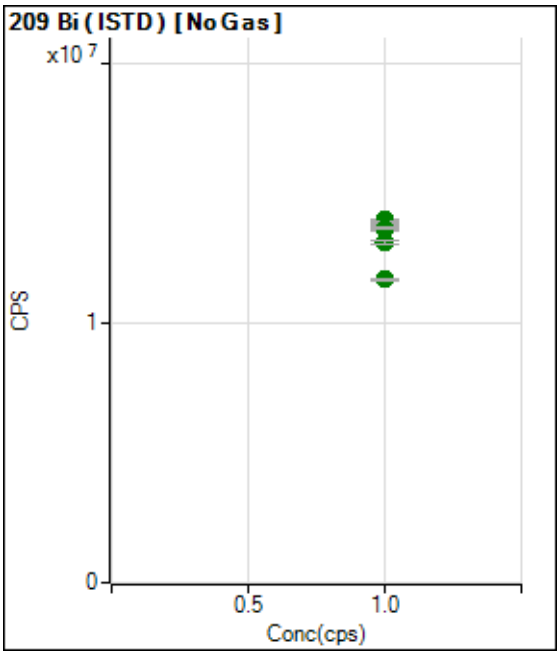


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20218348.20		A	1.2
2	☐	1.000					
3	☐	1.000		20219319.72		A	0.8
4	☐	1.000		20397487.78		A	0.6
5	☐	1.000		20011454.27		A	0.9
6	☐	1.000		20381494.38		A	1.0
7	☐	1.000		20427909.83		A	0.2
8	☐	1.000		20028536.04		A	0.8
9	☐	1.000		18858255.11		A	1.6

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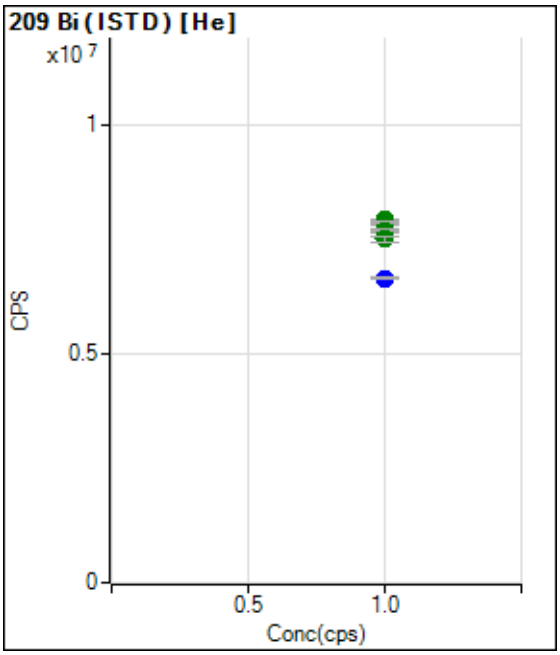


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9791932.01		A	0.3
2	☐	1.000					
3	☐	1.000		9997506.73		A	0.7
4	☐	1.000		10039790.96		A	0.3
5	☐	1.000		9936380.13		A	0.3
6	☐	1.000		9864937.70		A	0.1
7	☐	1.000		9997386.17		A	0.7
8	☐	1.000		9851607.77		A	0.8
9	☐	1.000		9460762.08		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13925305.90		A	1.3
2	☐	1.000					
3	☐	1.000		13855176.46		A	1.6
4	☐	1.000		13960329.79		A	0.8
5	☐	1.000		13620747.02		A	0.7
6	☐	1.000		13838493.96		A	0.5
7	☐	1.000		13637491.05		A	0.6
8	☐	1.000		13112564.66		A	1.3
9	☐	1.000		11662119.13		A	0.3

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7813685.44		A	0.4
2	☐	1.000					
3	☐	1.000		7921143.91		A	0.6
4	☐	1.000		7919353.57		A	0.1
5	☐	1.000		7869831.55		A	0.1
6	☐	1.000		7658732.25		A	0.3
7	☐	1.000		7694492.53		A	0.6
8	☐	1.000		7501984.75		A	1.4
9	☐	1.000		6642603.72		P	0.4

US EPA Tune Check Sample Report

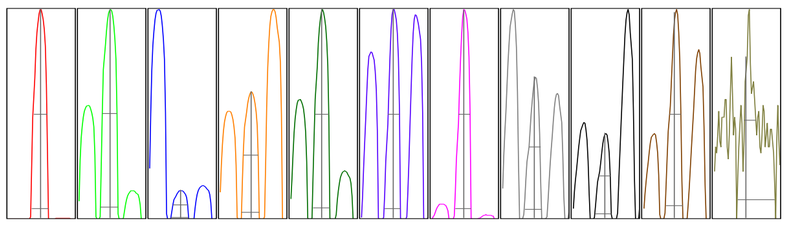
Batch Folder D:\ICP-MS Data\P7050517 .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	122929	0.65	5.00	
24	1999730	0.67	5.00	
25	268979	0.79	5.00	
26	319444	0.48	5.00	
59	1469826	0.39	5.00	
113	203056	0.39	5.00	
115	2754449	0.52	5.00	
206	550039	0.35	5.00	
207	491152	0.39	5.00	
208	1194845	0.44	5.00	
220	10	16.54		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	124220	122380	122666	123123	122255
24	2010239	1978122	2001958	2011228	1997105
25	271206	265620	268496	270033	269541
26	320802	316864	319346	320325	319882
59	1475171	1460931	1474014	1471305	1467708
113	204440	202666	202874	202531	202771
115	2779720	2748027	2750742	2745871	2747885
206	550919	547257	549376	550150	552493
207	491456	488009	492207	491032	493054
208	1197105	1188094	1190595	1198227	1200203
220	13	9	9	9	10

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	20827	9.00	8.9 - 9.1		0.784	0.900	
24	323479	23.95	23.9 - 24.1		0.788	0.900	
25	43692	24.95	24.9 - 25.1		0.787	0.900	
26	51363	25.95	25.9 - 26.1		0.787	0.900	
59	250589	58.95	58.9 - 59.1		0.783	0.900	
113	38898	113.00	112.9 - 113.1		0.726	0.900	
115	527600	115.00	114.9 - 115.1		0.729	0.900	
206	109070	206.00	205.9 - 206.1		0.772	0.900	
207	96645	207.00	206.9 - 207.1		0.733	0.900	
208	233246	207.95	207.9 - 208.1		0.770	0.900	
220	1	220.00	-		1.650		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	℃						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens					
Extract 2	-190.0	V	Cell Entrance					
Omega Bias	-85	V	Cell Exit	-50	V			
Deflect	13.0	V						

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Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	200	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	394085	1.08	
89	96033	1.11	
205	472122	0.86	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	397369	392583	391027	389734	399712
89	96512	95439	95062	95472	97679
205	476985	470536	469614	467620	475857

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	℃						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.3	V			
Extract 2	-190.0	V	Cell Entrance	-40	V			
Omega Bias	-90	V	Cell Exit	-60	V			
Deflect	1.8	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	true		OctP Bias	-18.0	V			
He Flow	4.1	mL/min	OctP RF	200	V			
Energy Discrimination	5.0	V						

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:25:59	DataFile Name :	002CALB_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.13	-0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.04	0.05	-0.01	0.00	N/A	ppb
Barium	137-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.00	-0.01	0.02	0.00	N/A	ppb
Boron	11-1	-0.03	-0.04	0.07	0.00	N/A	ppb
Cadmium	111-1	0.05	-0.03	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.60	-0.32	-0.29	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	N/A	ppb
Calcium	43-1	-1.46	1.86	-0.40	0.00	N/A	ppb
Calcium	44-1	-0.17	0.25	-0.08	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.05	0.03	-0.08	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.05	0.02	-0.07	0.00	N/A	ppb
Iron	57-2	-0.07	-0.42	0.49	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.11	0.03	0.07	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:25:59	DataFile Name :	002CALB_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-0.03	-5.25	3.16	-0.71		ppb
Potassium	39-2	1.37	-1.69	0.31	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.09	0.09	-0.18	0.00	N/A	ppb
Selenium	78-2	0.03	0.99	-1.02	0.00	N/A	ppb
Selenium	82-1	-0.82	-0.14	0.97	0.00	N/A	ppb
Silicon	28-1	-0.51	-0.85	1.35	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.36	-0.53	-0.84	0.00	N/A	ppb
Strontium	86-1	-0.05	-0.01	0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-108.98	-19.61	117.15	-3.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.09	0.06	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.10	0.02	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:25:59	DataFile Name :	002CALB_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00	N/A	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:34:37	DataFile Name :	004CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.64	18.83	16.86	17.78	5.57	ppb
Antimony	121-1	1.71	1.73	1.73	1.72	0.91	ppb
Arsenic	75-2	0.87	0.94	0.88	0.90	4.00	ppb
Barium	135-1	8.67	8.84	8.60	8.70	1.45	ppb
Barium	137-1	8.74	8.64	8.95	8.78	1.83	ppb
Beryllium	9-1	0.93	0.88	0.83	0.88	5.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.89	21.56	21.79	22.08	3.20	ppb
Boron	11-1	21.90	21.72	22.08	21.90	0.84	ppb
Cadmium	111-1	0.86	0.84	0.89	0.86	2.77	ppb
Cadmium	106-1	-0.19	0.34	0.60	0.25	160.23	ppb
Cadmium	108-1	0.84	1.00	1.01	0.95	9.97	ppb
Calcium	43-1	416.52	441.24	431.60	429.78	2.90	ppb
Calcium	44-1	438.73	430.71	436.34	435.26	0.95	ppb
Chromium	52-2	1.90	1.94	1.87	1.90	1.93	ppb
Cobalt	59-2	0.91	0.93	0.93	0.92	1.32	ppb
Copper	63-2	2.14	2.09	2.13	2.12	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.57	45.39	45.23	45.40	0.38	ppb
Iron	57-2	48.62	46.07	45.72	46.81	3.38	ppb
Lead	206-1	0.95	0.99	0.94	0.96	2.87	ppb
Lead	207-1	0.94	0.96	0.95	0.95	1.21	ppb
Lead	208-1	0.95	0.96	0.94	0.95	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	455.04	448.92	447.27	450.41	0.91	ppb
Manganese	55-2	0.92	0.92	0.88	0.91	2.72	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:34:37	DataFile Name :	004CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.88	1.86	1.79	1.84	2.72	ppb
Molybdenum	95-1	4.30	4.29	4.27	4.29	0.39	ppb
Molybdenum	96-1	3.71	3.55	3.68	3.65	2.31	ppb
Molybdenum	97-1	4.19	4.30	4.15	4.21	1.83	ppb
Molybdenum	98-1	4.21	4.27	4.24	4.24	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.91	0.91	0.92	1.90	ppb
Phosphorus	31-2	-6.87	7.58	1.41	0.71	1022.88	ppb
Potassium	39-2	430.57	436.95	434.66	434.06	0.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.11	2.76	5.16	4.01	30.04	ppb
Selenium	78-2	3.95	3.96	2.77	3.56	19.32	ppb
Selenium	82-1	4.67	5.22	5.04	4.97	5.62	ppb
Silicon	28-1	11.10	9.84	8.76	9.90	11.82	ppb
Silver	109-1	1.19	1.16	1.22	1.19	2.62	ppb
Silver	107-1	1.20	1.18	1.22	1.20	1.74	ppb
Sodium	23-2	450.03	453.50	451.33	451.62	0.39	ppb
Strontium	86-1	0.87	0.92	0.89	0.89	2.72	ppb
Strontium	88-1	0.93	0.93	0.93	0.93	0.18	ppb
Sulfur	34-1	16.09	20.13	-24.78	3.81	651.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.82	0.84	0.87	0.85	2.84	ppb
Thallium	205-1	0.87	0.88	0.88	0.87	0.26	ppb
Tin	118-1	4.26	4.40	4.45	4.37	2.25	ppb
Titanium	47-1	4.49	4.01	4.17	4.22	5.88	ppb
Uranium	238-1	0.84	0.84	0.84	0.84	0.26	ppb
Vanadium	51-2	4.35	4.35	4.46	4.39	1.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.90	1.82	1.80	1.84	2.86	ppb
Zirconium	90-1	0.79	0.78	0.78	0.78	0.66	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:34:37	DataFile Name :	004CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.77	0.79	0.74	0.77	2.99	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:38:25	DataFile Name :	005CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	966.74	960.02	964.04	963.60	0.35	ppb
Antimony	121-1	45.65	44.02	43.12	44.26	2.90	ppb
Arsenic	75-2	49.55	49.45	50.18	49.73	0.79	ppb
Barium	135-1	252.44	248.23	249.90	250.19	0.85	ppb
Barium	137-1	252.60	249.43	249.52	250.52	0.72	ppb
Beryllium	9-1	51.14	50.32	49.94	50.47	1.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.99	51.85	48.75	50.20	3.11	ppb
Boron	11-1	49.84	50.37	49.15	49.79	1.22	ppb
Cadmium	111-1	52.12	51.28	50.49	51.30	1.60	ppb
Cadmium	106-1	53.10	51.38	50.16	51.55	2.86	ppb
Cadmium	108-1	52.92	50.42	51.51	51.62	2.43	ppb
Calcium	43-1	4825.26	4837.11	4740.88	4801.08	1.09	ppb
Calcium	44-1	4912.76	4916.66	4913.36	4914.26	0.04	ppb
Chromium	52-2	50.13	50.32	50.46	50.30	0.33	ppb
Cobalt	59-2	51.87	51.62	52.22	51.90	0.58	ppb
Copper	63-2	104.60	103.06	103.61	103.76	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2552.82	2544.15	2557.11	2551.36	0.26	ppb
Iron	57-2	2534.43	2529.51	2539.49	2534.48	0.20	ppb
Lead	206-1	47.90	48.42	47.80	48.04	0.70	ppb
Lead	207-1	47.83	48.27	48.47	48.19	0.68	ppb
Lead	208-1	48.51	48.79	48.77	48.69	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	5116.01	5110.99	5118.18	5115.06	0.07	ppb
Manganese	55-2	101.98	100.88	101.77	101.54	0.58	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:38:25	DataFile Name :	005CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.86	48.06	48.84	48.59	0.94	ppb
Molybdenum	95-1	48.96	48.38	48.72	48.69	0.60	ppb
Molybdenum	96-1	48.28	48.13	47.33	47.91	1.06	ppb
Molybdenum	97-1	49.73	48.99	48.72	49.14	1.06	ppb
Molybdenum	98-1	48.40	48.08	48.26	48.24	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.05	52.33	52.49	52.62	0.72	ppb
Phosphorus	31-2	959.34	1041.94	977.93	993.07	4.36	ppb
Potassium	39-2	2473.58	2466.42	2469.60	2469.87	0.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	51.72	44.39	48.91	48.34	7.65	ppb
Selenium	78-2	48.33	49.48	50.83	49.55	2.52	ppb
Selenium	82-1	50.02	50.31	50.50	50.27	0.48	ppb
Silicon	28-1	65.20	64.34	64.11	64.55	0.89	ppb
Silver	109-1	51.20	51.09	51.18	51.15	0.11	ppb
Silver	107-1	51.66	51.32	50.73	51.24	0.91	ppb
Sodium	23-2	5113.81	5101.28	5115.57	5110.22	0.15	ppb
Strontium	86-1	50.01	49.71	50.15	49.96	0.45	ppb
Strontium	88-1	50.28	50.08	50.01	50.13	0.27	ppb
Sulfur	34-1	975.53	962.57	1013.66	983.92	2.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.41	48.83	48.16	48.47	0.70	ppb
Thallium	205-1	48.97	49.54	49.05	49.19	0.63	ppb
Tin	118-1	48.90	48.95	49.06	48.97	0.16	ppb
Titanium	47-1	50.04	50.52	49.15	49.90	1.40	ppb
Uranium	238-1	47.37	47.92	47.75	47.68	0.59	ppb
Vanadium	51-2	49.70	49.75	49.70	49.71	0.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	104.06	102.36	102.99	103.14	0.83	ppb
Zirconium	90-1	49.47	49.24	49.36	49.36	0.24	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:38:25	DataFile Name :	005CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.95	48.96	48.51	48.81	0.53	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:42:30	DataFile Name :	006CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2412.61	2416.52	2443.65	2424.26	0.70	ppb
Antimony	121-1	120.49	118.64	119.63	119.59	0.78	ppb
Arsenic	75-2	125.63	126.53	125.05	125.73	0.59	ppb
Barium	135-1	627.24	628.23	637.87	631.11	0.93	ppb
Barium	137-1	628.49	629.38	636.39	631.42	0.69	ppb
Beryllium	9-1	126.13	126.40	126.17	126.23	0.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.76	127.27	123.78	124.94	1.62	ppb
Boron	11-1	123.19	124.92	124.64	124.25	0.75	ppb
Cadmium	111-1	127.96	128.07	131.71	129.25	1.65	ppb
Cadmium	106-1	129.24	128.42	129.56	129.07	0.46	ppb
Cadmium	108-1	129.74	127.37	129.64	128.91	1.04	ppb
Calcium	43-1	12032.47	12189.28	12323.15	12181.63	1.19	ppb
Calcium	44-1	12151.43	12177.31	12431.10	12253.28	1.26	ppb
Chromium	52-2	126.28	126.30	127.16	126.58	0.40	ppb
Cobalt	59-2	129.40	130.21	130.06	129.89	0.33	ppb
Copper	63-2	257.60	260.00	259.12	258.90	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6418.01	6426.91	6448.64	6431.19	0.24	ppb
Iron	57-2	6322.94	6385.79	6414.96	6374.56	0.74	ppb
Lead	206-1	121.90	121.27	122.27	121.81	0.42	ppb
Lead	207-1	122.15	121.89	122.12	122.05	0.12	ppb
Lead	208-1	123.60	123.56	123.74	123.63	0.08	ppb
Lithium	6-1						%
Magnesium	24-2	12726.12	12758.54	12828.41	12771.02	0.41	ppb
Manganese	55-2	251.70	253.75	254.72	253.39	0.61	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:42:30	DataFile Name :	006CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.69	124.59	123.78	124.02	0.40	ppb
Molybdenum	95-1	125.09	125.38	124.13	124.87	0.52	ppb
Molybdenum	96-1	122.86	123.93	122.00	122.93	0.79	ppb
Molybdenum	97-1	125.17	126.97	125.91	126.01	0.72	ppb
Molybdenum	98-1	122.86	123.46	123.49	123.27	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.56	130.53	131.39	130.49	0.70	ppb
Phosphorus	31-2	2511.44	2574.56	2571.32	2552.44	1.39	ppb
Potassium	39-2	6160.88	6195.15	6194.50	6183.51	0.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	127.94	129.83	116.17	124.65	5.94	ppb
Selenium	78-2	122.86	123.73	124.15	123.58	0.53	ppb
Selenium	82-1	127.40	128.79	127.11	127.77	0.70	ppb
Silicon	28-1	166.65	164.46	169.02	166.71	1.37	ppb
Silver	109-1	127.16	127.65	130.22	128.34	1.28	ppb
Silver	107-1	128.17	127.78	129.59	128.51	0.74	ppb
Sodium	23-2	12789.00	12831.99	12877.96	12832.98	0.35	ppb
Strontium	86-1	125.42	126.70	126.35	126.16	0.53	ppb
Strontium	88-1	127.76	125.89	126.80	126.81	0.74	ppb
Sulfur	34-1	2365.52	2272.10	2542.84	2393.49	5.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	123.08	123.33	123.07	123.16	0.12	ppb
Thallium	205-1	125.47	125.72	126.25	125.81	0.31	ppb
Tin	118-1	123.50	121.96	125.36	123.61	1.38	ppb
Titanium	47-1	124.22	125.19	126.73	125.38	1.01	ppb
Uranium	238-1	121.37	121.23	122.72	121.77	0.68	ppb
Vanadium	51-2	124.91	125.27	125.95	125.38	0.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	259.12	257.84	260.37	259.11	0.49	ppb
Zirconium	90-1	125.44	125.64	126.59	125.89	0.49	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:42:30	DataFile Name :	006CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.08	124.86	124.49	124.14	0.76	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:46:11	DataFile Name :	007CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4782.17	4784.57	4797.34	4788.02	0.17	ppb
Antimony	121-1	248.37	246.79	243.80	246.32	0.94	ppb
Arsenic	75-2	251.27	249.00	250.52	250.26	0.46	ppb
Barium	135-1	1259.16	1261.92	1259.58	1260.22	0.12	ppb
Barium	137-1	1253.96	1244.69	1243.76	1247.47	0.45	ppb
Beryllium	9-1	253.37	248.52	247.95	249.95	1.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	243.92	246.01	244.17	244.70	0.47	ppb
Boron	11-1	244.87	246.25	247.87	246.33	0.61	ppb
Cadmium	111-1	255.53	256.10	254.59	255.41	0.30	ppb
Cadmium	106-1	254.21	254.40	253.26	253.96	0.24	ppb
Cadmium	108-1	259.78	252.69	257.10	256.53	1.40	ppb
Calcium	43-1	24211.14	24652.31	24454.26	24439.24	0.90	ppb
Calcium	44-1	24186.72	24696.95	24245.57	24376.41	1.15	ppb
Chromium	52-2	252.06	251.94	251.78	251.92	0.06	ppb
Cobalt	59-2	256.86	256.93	257.71	257.16	0.18	ppb
Copper	63-2	513.63	512.88	512.61	513.04	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12770.41	12846.91	12693.87	12770.40	0.60	ppb
Iron	57-2	12655.48	12647.10	12602.54	12635.04	0.23	ppb
Lead	206-1	243.00	241.77	243.38	242.72	0.35	ppb
Lead	207-1	243.65	243.23	244.24	243.71	0.21	ppb
Lead	208-1	244.20	245.40	244.89	244.83	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	25042.04	25114.41	25077.41	25077.95	0.14	ppb
Manganese	55-2	504.17	505.29	504.82	504.76	0.11	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:46:11	DataFile Name :	007CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.44	248.88	243.96	246.76	1.02	ppb
Molybdenum	95-1	247.56	250.20	246.13	247.96	0.83	ppb
Molybdenum	96-1	242.72	246.47	244.76	244.65	0.77	ppb
Molybdenum	97-1	249.03	254.02	247.87	250.30	1.30	ppb
Molybdenum	98-1	245.93	247.56	243.50	245.67	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.98	261.31	259.64	260.31	0.34	ppb
Phosphorus	31-2	4973.25	5056.52	5136.34	5055.37	1.61	ppb
Potassium	39-2	12250.18	12290.72	12320.34	12287.08	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	254.18	250.54	245.94	250.22	1.65	ppb
Selenium	78-2	250.37	247.69	249.12	249.06	0.54	ppb
Selenium	82-1	251.57	255.23	253.23	253.34	0.72	ppb
Silicon	28-1	331.45	338.50	333.24	334.40	1.10	ppb
Silver	109-1	253.53	253.29	254.74	253.85	0.31	ppb
Silver	107-1	254.98	253.66	254.97	254.53	0.30	ppb
Sodium	23-2	25144.56	25288.83	25449.34	25294.24	0.60	ppb
Strontium	86-1	252.26	252.06	248.49	250.94	0.84	ppb
Strontium	88-1	252.53	253.99	250.61	252.37	0.67	ppb
Sulfur	34-1	4696.41	4976.37	4602.93	4758.57	4.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	245.59	244.89	248.80	246.43	0.85	ppb
Thallium	205-1	248.31	245.49	249.03	247.61	0.76	ppb
Tin	118-1	247.28	248.49	247.36	247.71	0.27	ppb
Titanium	47-1	249.79	252.53	250.28	250.87	0.58	ppb
Uranium	238-1	241.66	244.48	244.67	243.60	0.69	ppb
Vanadium	51-2	249.09	250.82	249.62	249.85	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	518.78	513.71	513.68	515.39	0.57	ppb
Zirconium	90-1	249.17	250.59	246.86	248.87	0.76	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:46:11	DataFile Name :	007CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.15	248.18	243.35	245.56	0.99	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:49:47	DataFile Name :	008CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9392.54	9489.05	9371.93	9417.84	0.66	ppb
Antimony	121-1	505.99	498.44	493.16	499.20	1.29	ppb
Arsenic	75-2	500.25	501.22	498.07	499.85	0.32	ppb
Barium	135-1	2522.38	2479.00	2477.67	2493.02	1.02	ppb
Barium	137-1	2495.35	2482.12	2474.64	2484.04	0.42	ppb
Beryllium	9-1	498.42	496.08	495.72	496.74	0.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.81	486.04	494.13	491.99	1.06	ppb
Boron	11-1	493.58	494.87	497.67	495.37	0.42	ppb
Cadmium	111-1	504.21	502.48	501.61	502.77	0.26	ppb
Cadmium	106-1	503.65	506.47	500.45	503.52	0.60	ppb
Cadmium	108-1	503.76	497.54	501.07	500.79	0.62	ppb
Calcium	43-1	48580.52	48402.03	49216.35	48732.97	0.88	ppb
Calcium	44-1	49079.58	48849.52	49209.43	49046.17	0.37	ppb
Chromium	52-2	496.23	503.68	495.99	498.63	0.88	ppb
Cobalt	59-2	510.16	509.75	502.12	507.34	0.89	ppb
Copper	63-2	1022.52	1022.38	992.77	1012.56	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25282.61	25467.13	25167.24	25305.66	0.60	ppb
Iron	57-2	25089.39	25404.96	24918.33	25137.56	0.98	ppb
Lead	206-1	497.68	501.76	503.61	501.02	0.61	ppb
Lead	207-1	489.50	492.20	494.27	491.99	0.49	ppb
Lead	208-1	493.68	498.08	499.48	497.08	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	49933.70	50023.83	49330.27	49762.60	0.76	ppb
Manganese	55-2	997.61	1012.93	996.89	1002.48	0.90	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:49:47	DataFile Name :	008CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.20	506.93	503.45	503.86	0.57	ppb
Molybdenum	95-1	500.52	502.42	498.22	500.39	0.42	ppb
Molybdenum	96-1	492.79	494.24	487.93	491.65	0.67	ppb
Molybdenum	97-1	502.85	504.58	498.65	502.03	0.61	ppb
Molybdenum	98-1	503.04	503.26	492.99	499.77	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.27	510.35	502.66	506.76	0.76	ppb
Phosphorus	31-2	9928.45	10052.67	9968.39	9983.17	0.64	ppb
Potassium	39-2	24216.48	24186.05	24039.55	24147.36	0.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	498.88	487.93	493.70	493.51	1.11	ppb
Selenium	78-2	496.96	508.26	506.85	504.03	1.22	ppb
Selenium	82-1	508.60	503.62	502.02	504.75	0.68	ppb
Silicon	28-1	496.00	495.88	502.71	498.20	0.78	ppb
Silver	109-1	504.67	494.99	500.96	500.21	0.98	ppb
Silver	107-1	503.91	505.10	500.36	503.12	0.49	ppb
Sodium	23-2	50562.87	50443.64	49974.10	50326.87	0.62	ppb
Strontium	86-1	503.77	501.66	501.23	502.22	0.27	ppb
Strontium	88-1	502.42	502.17	500.24	501.61	0.24	ppb
Sulfur	34-1	9821.58	9665.14	9782.24	9756.32	0.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.27	500.01	498.66	498.31	0.38	ppb
Thallium	205-1	499.09	501.80	503.24	501.38	0.42	ppb
Tin	118-1	499.06	498.36	499.04	498.82	0.08	ppb
Titanium	47-1	502.24	501.09	506.87	503.40	0.61	ppb
Uranium	238-1	491.94	499.97	498.39	496.77	0.86	ppb
Vanadium	51-2	497.00	501.43	495.46	497.96	0.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1011.66	1027.59	1008.62	1015.96	1.00	ppb
Zirconium	90-1	502.34	506.49	503.07	503.97	0.44	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:49:47	DataFile Name :	008CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.53	499.59	493.05	495.72	0.69	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:53:17	DataFile Name :	009CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18985.18	18820.58	18769.13	18858.29	0.60	ppb
Antimony	121-1	1004.61	1012.16	990.09	1002.28	1.12	ppb
Arsenic	75-2	1004.92	996.94	997.95	999.93	0.43	ppb
Barium	135-1	5001.08	5024.14	4975.27	5000.16	0.49	ppb
Barium	137-1	4998.58	5027.63	4997.16	5007.79	0.34	ppb
Beryllium	9-1	1006.15	1000.22	998.02	1001.46	0.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1006.32	1010.33	999.54	1005.40	0.54	ppb
Boron	11-1	997.50	1003.65	1009.09	1003.41	0.58	ppb
Cadmium	111-1	995.09	1000.25	994.68	996.67	0.31	ppb
Cadmium	106-1	999.75	996.93	993.30	996.66	0.32	ppb
Cadmium	108-1	999.23	997.89	995.09	997.40	0.21	ppb
Calcium	43-1	97059.40	97349.30	98476.96	97628.55	0.77	ppb
Calcium	44-1	97690.12	97427.84	96637.15	97251.70	0.56	ppb
Chromium	52-2	1010.47	996.79	992.71	999.99	0.93	ppb
Cobalt	59-2	994.98	997.56	988.95	993.83	0.44	ppb
Copper	63-2	1992.53	1963.98	2010.97	1989.16	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50619.02	49789.10	50684.35	50364.16	0.99	ppb
Iron	57-2	50295.99	49964.18	50126.10	50128.76	0.33	ppb
Lead	206-1	996.25	1013.71	995.47	1001.81	1.03	ppb
Lead	207-1	997.11	1018.50	1002.50	1006.04	1.11	ppb
Lead	208-1	998.01	1013.24	997.71	1002.99	0.89	ppb
Lithium	6-1						%
Magnesium	24-2	99734.95	98268.92	98398.02	98800.63	0.82	ppb
Manganese	55-2	2006.57	1990.32	1994.33	1997.07	0.42	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:53:17	DataFile Name :	009CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	996.10	1009.22	991.94	999.09	0.90	ppb
Molybdenum	95-1	1008.02	1004.44	988.75	1000.40	1.02	ppb
Molybdenum	96-1	1012.91	1010.12	994.61	1005.88	0.98	ppb
Molybdenum	97-1	1001.51	1003.73	991.25	998.83	0.67	ppb
Molybdenum	98-1	999.34	1009.47	995.71	1001.51	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.51	986.14	999.03	993.23	0.66	ppb
Phosphorus	31-2	20206.39	19947.68	19811.02	19988.36	1.00	ppb
Potassium	39-2	48771.98	48228.47	48205.27	48401.91	0.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1007.50	987.28	1015.19	1003.32	1.44	ppb
Selenium	78-2	1004.00	1003.12	988.17	998.43	0.89	ppb
Selenium	82-1	998.31	997.16	993.83	996.43	0.23	ppb
Silicon	28-1	972.89	984.63	964.07	973.86	1.06	ppb
Silver	109-1	1000.02	998.64	996.72	998.46	0.17	ppb
Silver	107-1	993.59	1000.19	996.63	996.80	0.33	ppb
Sodium	23-2	101526.47	99623.98	99965.08	100371.84	1.01	ppb
Strontium	86-1	998.29	1000.47	996.78	998.51	0.19	ppb
Strontium	88-1	1003.31	993.11	998.68	998.37	0.51	ppb
Sulfur	34-1	20103.86	20453.89	20031.20	20196.32	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	985.67	1016.55	1003.91	1002.04	1.55	ppb
Thallium	205-1	991.55	1003.82	1004.17	999.85	0.72	ppb
Tin	118-1	999.47	1012.81	991.90	1001.39	1.06	ppb
Titanium	47-1	993.22	1003.50	997.42	998.05	0.52	ppb
Uranium	238-1	998.95	1009.53	1002.72	1003.73	0.53	ppb
Vanadium	51-2	1004.09	997.56	1001.44	1001.03	0.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1985.22	1980.98	1994.44	1986.88	0.35	ppb
Zirconium	90-1	999.91	1005.38	989.36	998.22	0.82	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:53:17	DataFile Name :	009CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1005.19	1006.02	999.03	1003.41	0.38	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:56:46	DataFile Name :	010CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99906.00	100369.30	100622.94	100299.41	0.36	ppb
Antimony	121-1	4.56	5.01	5.34	4.97	7.92	ppb
Arsenic	75-2	1.28	1.34	1.57	1.40	10.77	ppb
Barium	135-1	1.89	1.98	1.86	1.91	3.34	ppb
Barium	137-1	2.06	1.96	1.76	1.93	8.06	ppb
Beryllium	9-1	0.23	0.14	0.20	0.19	25.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.02	20.55	19.55	20.70	6.00	ppb
Boron	11-1	22.46	21.77	20.23	21.49	5.32	ppb
Cadmium	111-1	0.22	0.12	0.08	0.14	49.62	ppb
Cadmium	106-1	0.94	-0.32	-0.61	0.00	18963.69	ppb
Cadmium	108-1	0.24	0.23	0.40	0.29	33.18	ppb
Calcium	43-1	498135.08	503667.43	500114.64	500639.05	0.56	ppb
Calcium	44-1	498860.37	502946.11	500243.46	500683.31	0.42	ppb
Chromium	52-2	21.95	21.83	21.82	21.87	0.32	ppb
Cobalt	59-2	1.31	1.36	1.34	1.34	1.81	ppb
Copper	63-2	2.55	2.57	2.54	2.55	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	248913.56	249537.87	251182.69	249878.04	0.47	ppb
Iron	57-2	249290.46	249478.90	251081.49	249950.28	0.39	ppb
Lead	206-1	2.10	2.09	2.02	2.07	2.20	ppb
Lead	207-1	2.00	1.96	1.95	1.97	1.09	ppb
Lead	208-1	2.04	2.03	2.03	2.03	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	500076.91	499050.47	501628.15	500251.84	0.26	ppb
Manganese	55-2	6.87	7.07	7.13	7.03	1.91	ppb

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Inst Id :P7
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:56:46	DataFile Name :	010CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.65	1.69	1.83	1.72	5.69	ppb
Molybdenum	95-1	4.97	5.24	5.74	5.32	7.40	ppb
Molybdenum	96-1	4.54	4.86	5.30	4.90	7.84	ppb
Molybdenum	97-1	4.88	5.00	5.45	5.11	5.82	ppb
Molybdenum	98-1	4.77	5.05	5.58	5.13	8.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.29	13.17	13.25	13.24	0.48	ppb
Phosphorus	31-2	16.64	7.71	18.13	14.16	39.80	ppb
Potassium	39-2	250263.28	250917.55	250072.05	250417.62	0.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.21	2.05	1.76	1.67	25.70	ppb
Selenium	78-2	1.46	2.19	1.42	1.69	25.55	ppb
Selenium	82-1	1.34	1.76	2.49	1.86	31.29	ppb
Silicon	28-1	30.24	32.02	32.62	31.63	3.91	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.28	ppb
Silver	107-1	0.14	0.12	0.12	0.13	8.13	ppb
Sodium	23-2	500051.51	499815.21	499739.84	499868.85	0.03	ppb
Strontium	86-1	33.82	33.30	33.36	33.49	0.83	ppb
Strontium	88-1	33.58	33.34	33.64	33.52	0.47	ppb
Sulfur	34-1	-419.44	-377.53	-414.31	-403.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.42	0.41	0.37	0.40	6.19	ppb
Thallium	205-1	0.43	0.41	0.36	0.40	8.14	ppb
Tin	118-1	0.93	1.04	1.15	1.04	10.59	ppb
Titanium	47-1	3.78	1.02	0.69	1.83	92.86	ppb
Uranium	238-1	0.21	0.19	0.19	0.20	4.40	ppb
Vanadium	51-2	0.42	0.41	0.41	0.41	1.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	23.05	23.43	22.78	23.09	1.42	ppb
Zirconium	90-1	0.17	0.17	0.20	0.18	8.49	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:56:46	DataFile Name :	010CALS_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.18	0.17	0.19	11.17	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:35:18	DataFile Name :	012ICV01_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	474.31	490.93	482.32	482.52	1.72	ppb
Antimony	121-1	188.48	188.89	184.40	187.26	1.33	ppb
Arsenic	75-2	194.35	193.60	194.10	194.02	0.20	ppb
Barium	135-1	98.90	99.34	98.23	98.82	0.56	ppb
Barium	137-1	98.65	99.31	96.82	98.26	1.31	ppb
Beryllium	9-1	96.70	96.64	97.47	96.94	0.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	457.76	462.73	468.34	462.94	1.14	ppb
Boron	11-1	452.85	460.13	462.41	458.46	1.09	ppb
Cadmium	111-1	103.36	102.71	102.50	102.86	0.44	ppb
Cadmium	106-1	173.32	167.41	167.20	169.31	2.05	ppb
Cadmium	108-1	141.34	142.98	142.48	142.26	0.59	ppb
Calcium	43-1	2137.09	2116.19	2139.69	2130.99	0.60	ppb
Calcium	44-1	2040.87	2043.51	2052.11	2045.50	0.29	ppb
Chromium	52-2	94.84	95.20	94.23	94.76	0.52	ppb
Cobalt	59-2	99.45	99.98	99.51	99.65	0.30	ppb
Copper	63-2	99.21	99.26	99.99	99.49	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	989.14	999.32	992.52	993.66	0.52	ppb
Iron	57-2	984.84	998.94	986.85	990.21	0.77	ppb
Lead	206-1	193.63	191.39	192.17	192.39	0.59	ppb
Lead	207-1	185.99	182.88	183.89	184.25	0.86	ppb
Lead	208-1	191.89	189.91	191.59	191.13	0.56	ppb
Lithium	6-1						%
Magnesium	24-2	1196.14	1200.86	1206.50	1201.16	0.43	ppb
Manganese	55-2	97.86	98.14	97.57	97.85	0.29	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:35:18	DataFile Name :	012ICV01_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	436.72	445.37	429.35	437.15	1.83	ppb
Molybdenum	95-1	448.33	451.03	442.96	447.44	0.92	ppb
Molybdenum	96-1	439.78	441.29	434.82	438.63	0.77	ppb
Molybdenum	97-1	447.81	450.32	443.85	447.33	0.73	ppb
Molybdenum	98-1	447.51	453.21	441.99	447.57	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.27	101.04	101.24	100.85	0.51	ppb
Phosphorus	31-2	4.14	7.89	6.15	6.06	30.91	ppb
Potassium	39-2	1932.88	1941.56	1931.07	1935.17	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	191.13	208.72	198.02	199.29	4.45	ppb
Selenium	78-2	195.94	194.30	195.27	195.17	0.42	ppb
Selenium	82-1	197.58	203.24	201.02	200.61	1.42	ppb
Silicon	28-1	443.71	448.67	448.70	447.03	0.64	ppb
Silver	109-1	98.64	99.60	98.55	98.93	0.59	ppb
Silver	107-1	99.39	100.44	99.37	99.73	0.61	ppb
Sodium	23-2	1978.76	1994.90	1985.47	1986.37	0.41	ppb
Strontium	86-1	457.29	460.31	451.79	456.46	0.95	ppb
Strontium	88-1	459.25	459.12	452.14	456.84	0.89	ppb
Sulfur	34-1	-7.83	73.95	163.49	76.54	111.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	193.08	194.33	193.40	193.61	0.34	ppb
Thallium	205-1	197.02	195.78	197.40	196.74	0.43	ppb
Tin	118-1	455.95	458.81	452.84	455.87	0.66	ppb
Titanium	47-1	443.74	442.90	446.31	444.32	0.40	ppb
Uranium	238-1	428.19	426.54	428.28	427.67	0.23	ppb
Vanadium	51-2	94.46	94.87	95.28	94.87	0.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	200.18	204.20	201.00	201.79	1.05	ppb
Zirconium	90-1	432.42	437.65	431.09	433.72	0.80	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:35:18	DataFile Name :	012ICV01_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	431.63	437.35	424.59	431.19	1.48	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:41:38	DataFile Name :	013CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	-0.12	0.55	0.18	195.20	ppb
Antimony	121-1	0.54	0.72	0.97	0.74	29.28	ppb
Arsenic	75-2	0.13	0.14	0.17	0.15	14.16	ppb
Barium	135-1	-0.07	-0.08	-0.09	-0.08		ppb
Barium	137-1	-0.05	-0.06	-0.05	-0.06		ppb
Beryllium	9-1	0.04	-0.02	0.01	0.01	296.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.28	3.53	5.00	4.27	17.19	ppb
Boron	11-1	4.16	4.53	4.02	4.24	6.30	ppb
Cadmium	111-1	-0.19	-0.10	-0.19	-0.16		ppb
Cadmium	106-1	-2.45	-1.23	-2.49	-2.06		ppb
Cadmium	108-1	-0.02	0.06	-0.03	0.01	992.11	ppb
Calcium	43-1	0.46	-0.92	1.35	0.29	387.26	ppb
Calcium	44-1	-2.41	-3.30	-2.40	-2.70		ppb
Chromium	52-2	0.02	0.02	0.00	0.01	111.63	ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	-0.53	-0.60	-0.53	-0.55		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.54	-0.47	-0.56	-0.52		ppb
Iron	57-2	-1.42	-0.50	-0.45	-0.79		ppb
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	0.01	0.01	0.00	539.22	ppb
Lead	208-1	-0.01	0.00	-0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	0.27	0.04	0.42	0.24	77.97	ppb
Manganese	55-2	-0.06	-0.05	-0.06	-0.06		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:41:38	DataFile Name :	013CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.12	0.13	0.11	18.38	ppb
Molybdenum	95-1	0.22	0.28	0.36	0.29	24.10	ppb
Molybdenum	96-1	0.19	0.27	0.30	0.25	23.75	ppb
Molybdenum	97-1	0.24	0.31	0.37	0.31	22.34	ppb
Molybdenum	98-1	0.22	0.26	0.36	0.28	25.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.04	-0.07	-0.07		ppb
Phosphorus	31-2	13.77	11.29	5.65	10.24	40.68	ppb
Potassium	39-2	5.13	5.88	7.78	6.26	21.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-1.55	-1.02	-0.58	-1.05		ppb
Selenium	82-1	-0.14	0.29	1.39	0.51	153.58	ppb
Silicon	28-1	-3.60	-3.83	-2.85	-3.43		ppb
Silver	109-1	0.01	0.00	0.01	0.00	20.39	ppb
Silver	107-1	0.00	0.00	0.00	0.00	288.54	ppb
Sodium	23-2	11.73	11.97	12.55	12.08	3.49	ppb
Strontium	86-1	0.03	0.06	0.10	0.06	52.65	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	113.36	63.55	383.56	186.82	92.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.01	0.02	45.32	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.36	ppb
Tin	118-1	0.09	0.15	0.16	0.13	30.97	ppb
Titanium	47-1	-0.19	-0.16	-0.17	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.19	-0.16	-0.18	-0.18		ppb
Zirconium	90-1	0.02	0.04	0.04	0.04	31.12	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:41:38	DataFile Name :	013CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	17.48	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:45:08	DataFile Name :	014ICSA01_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91661.24	91085.38	91896.01	91547.54	0.46	ppb
Antimony	121-1	1.35	1.38	1.45	1.39	3.55	ppb
Arsenic	75-2	0.35	0.31	0.38	0.35	10.49	ppb
Barium	135-1	1.36	1.31	1.49	1.39	6.72	ppb
Barium	137-1	1.35	1.31	1.47	1.38	5.75	ppb
Beryllium	9-1	0.24	0.31	0.21	0.26	20.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.49	3.10	3.57	3.39	7.41	ppb
Boron	11-1	3.81	3.97	3.37	3.72	8.45	ppb
Cadmium	111-1	0.33	0.39	0.37	0.36	8.61	ppb
Cadmium	106-1	-2.56	-1.31	-1.68	-1.85		ppb
Cadmium	108-1	15.17	15.36	15.17	15.23	0.70	ppb
Calcium	43-1	95403.59	94274.09	94285.88	94654.52	0.69	ppb
Calcium	44-1	95471.88	94750.39	95954.41	95392.22	0.64	ppb
Chromium	52-2	19.09	18.99	19.08	19.06	0.30	ppb
Cobalt	59-2	1.11	1.14	1.11	1.12	1.63	ppb
Copper	63-2	7.28	7.35	7.46	7.37	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99521.32	98482.43	98737.16	98913.63	0.55	ppb
Iron	57-2	99164.73	98267.44	98987.37	98806.51	0.48	ppb
Lead	206-1	4.41	4.28	4.42	4.37	1.77	ppb
Lead	207-1	3.74	3.77	3.77	3.76	0.46	ppb
Lead	208-1	4.12	4.03	4.08	4.08	1.09	ppb
Lithium	6-1						%
Magnesium	24-2	97478.56	97396.17	98343.84	97739.52	0.54	ppb
Manganese	55-2	7.68	7.70	7.69	7.69	0.16	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:45:08	DataFile Name :	014ICSA01_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	583.92	586.12	577.68	582.58	0.75	ppb
Molybdenum	95-1	1946.22	1916.49	1914.14	1925.62	0.93	ppb
Molybdenum	96-1	1597.17	1594.51	1575.99	1589.22	0.73	ppb
Molybdenum	97-1	1926.56	1939.91	1938.33	1934.93	0.38	ppb
Molybdenum	98-1	1924.35	1919.70	1892.33	1912.13	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.24	5.14	5.17	1.21	ppb
Phosphorus	31-2	99994.56	100283.00	101200.26	100492.61	0.63	ppb
Potassium	39-2	95622.62	95230.56	95693.75	95515.64	0.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	-0.18	0.37	0.10	284.57	ppb
Selenium	78-2	-0.26	-0.18	-0.31	-0.25		ppb
Selenium	82-1	1.28	0.95	0.31	0.85	58.23	ppb
Silicon	28-1	26.12	26.24	25.23	25.86	2.12	ppb
Silver	109-1	0.07	0.08	0.08	0.08	4.98	ppb
Silver	107-1	0.07	0.08	0.08	0.08	11.25	ppb
Sodium	23-2	98494.46	98666.40	99174.50	98778.46	0.36	ppb
Strontium	86-1	33.45	33.19	33.25	33.30	0.41	ppb
Strontium	88-1	33.60	33.39	33.15	33.38	0.68	ppb
Sulfur	34-1	71203.38	69935.95	70627.00	70588.78	0.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.04	0.03	0.03	27.95	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	16.19	ppb
Tin	118-1	0.19	0.21	0.23	0.21	10.40	ppb
Titanium	47-1	1938.99	1935.54	1937.99	1937.50	0.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.45	ppb
Vanadium	51-2	0.15	0.15	0.16	0.15	5.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.14	11.10	10.80	11.01	1.70	ppb
Zirconium	90-1	0.18	0.18	0.19	0.18	4.55	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:45:08	DataFile Name :	014ICSA01_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.18	0.20	0.19	7.07	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:48:34	DataFile Name :	015ICSB_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92589.53	91182.51	91616.76	91796.27	0.78	ppb
Antimony	121-1	19.91	19.96	19.72	19.87	0.64	ppb
Arsenic	75-2	19.51	19.28	19.26	19.35	0.73	ppb
Barium	135-1	21.06	20.93	20.83	20.94	0.53	ppb
Barium	137-1	20.96	20.89	20.65	20.83	0.76	ppb
Beryllium	9-1	20.44	20.35	19.90	20.23	1.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	54.06	52.14	52.90	53.03	1.82	ppb
Boron	11-1	53.88	53.93	53.35	53.72	0.60	ppb
Cadmium	111-1	19.94	19.94	19.57	19.82	1.07	ppb
Cadmium	106-1	21.75	23.36	22.22	22.44	3.67	ppb
Cadmium	108-1	36.65	36.72	37.64	37.00	1.50	ppb
Calcium	43-1	94653.38	95396.73	94582.52	94877.54	0.48	ppb
Calcium	44-1	95877.19	95718.41	95155.60	95583.73	0.40	ppb
Chromium	52-2	38.10	37.69	37.99	37.93	0.56	ppb
Cobalt	59-2	20.71	20.83	20.63	20.72	0.50	ppb
Copper	63-2	26.48	26.88	26.28	26.55	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98839.06	97749.24	97573.37	98053.89	0.70	ppb
Iron	57-2	97859.25	97770.63	97266.79	97632.22	0.33	ppb
Lead	206-1	24.37	24.02	24.44	24.28	0.94	ppb
Lead	207-1	22.47	22.06	22.07	22.20	1.05	ppb
Lead	208-1	23.45	23.13	23.37	23.32	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	98536.77	96242.47	97212.15	97330.46	1.18	ppb
Manganese	55-2	27.30	26.91	26.56	26.92	1.36	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:48:34	DataFile Name :	015ICSB_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	628.90	625.90	633.79	629.53	0.63	ppb
Molybdenum	95-1	1956.02	1954.10	1973.94	1961.35	0.56	ppb
Molybdenum	96-1	1641.47	1620.01	1632.37	1631.28	0.66	ppb
Molybdenum	97-1	1989.29	1983.76	1981.50	1984.85	0.20	ppb
Molybdenum	98-1	1957.09	1959.16	1970.14	1962.13	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.38	24.21	24.12	24.24	0.55	ppb
Phosphorus	31-2	100120.00	99820.69	99741.81	99894.17	0.20	ppb
Potassium	39-2	95191.79	95022.32	95469.63	95227.91	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.60	14.18	18.87	18.22	20.62	ppb
Selenium	78-2	17.71	18.68	18.03	18.14	2.73	ppb
Selenium	82-1	18.89	18.65	19.41	18.98	2.04	ppb
Silicon	28-1	93.85	94.84	93.33	94.01	0.82	ppb
Silver	109-1	18.35	18.26	18.25	18.29	0.28	ppb
Silver	107-1	18.25	18.31	18.34	18.30	0.26	ppb
Sodium	23-2	99083.85	97868.00	99060.56	98670.80	0.70	ppb
Strontium	86-1	82.69	82.21	82.66	82.52	0.33	ppb
Strontium	88-1	82.56	82.57	83.33	82.82	0.53	ppb
Sulfur	34-1	70070.54	70535.45	69630.89	70078.96	0.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.55	19.35	19.82	19.57	1.23	ppb
Thallium	205-1	20.13	19.93	20.21	20.09	0.72	ppb
Tin	118-1	48.10	47.77	47.45	47.77	0.68	ppb
Titanium	47-1	1992.83	1989.84	1979.26	1987.31	0.36	ppb
Uranium	238-1	49.25	49.03	49.77	49.35	0.78	ppb
Vanadium	51-2	19.14	19.28	18.90	19.11	1.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	29.83	30.62	29.89	30.12	1.46	ppb
Zirconium	90-1	47.93	47.80	48.03	47.92	0.25	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:48:34	DataFile Name :	015ICSB_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.19	47.35	47.37	47.30	0.21	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:52:00	DataFile Name :	016CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9638.07	9671.34	9644.30	9651.24	0.18	ppb
Antimony	121-1	509.30	512.34	498.90	506.85	1.39	ppb
Arsenic	75-2	508.75	508.62	507.10	508.15	0.18	ppb
Barium	135-1	2568.54	2570.05	2486.69	2541.76	1.88	ppb
Barium	137-1	2538.56	2554.32	2481.68	2524.85	1.51	ppb
Beryllium	9-1	516.82	510.61	521.50	516.31	1.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	514.18	503.23	516.08	511.16	1.36	ppb
Boron	11-1	510.28	510.34	516.11	512.24	0.65	ppb
Cadmium	111-1	511.79	513.71	505.56	510.35	0.83	ppb
Cadmium	106-1	510.10	521.50	508.90	513.50	1.35	ppb
Cadmium	108-1	515.14	510.88	498.76	508.26	1.67	ppb
Calcium	43-1	48958.34	49230.20	49406.69	49198.41	0.46	ppb
Calcium	44-1	49013.69	49411.90	49190.45	49205.35	0.41	ppb
Chromium	52-2	499.96	499.70	503.67	501.11	0.44	ppb
Cobalt	59-2	507.38	504.95	509.72	507.35	0.47	ppb
Copper	63-2	1015.89	1010.61	1009.86	1012.12	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25657.26	25587.01	25759.11	25667.79	0.34	ppb
Iron	57-2	25231.66	25031.06	25332.45	25198.39	0.61	ppb
Lead	206-1	500.97	482.73	508.90	497.53	2.70	ppb
Lead	207-1	489.24	486.58	495.25	490.36	0.91	ppb
Lead	208-1	497.20	491.45	503.73	497.46	1.24	ppb
Lithium	6-1						%
Magnesium	24-2	50844.92	51011.45	50775.05	50877.14	0.24	ppb
Manganese	55-2	1011.94	1012.09	1015.66	1013.23	0.21	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:52:00	DataFile Name :	016CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.19	505.57	504.92	504.89	0.14	ppb
Molybdenum	95-1	499.03	501.49	502.52	501.01	0.36	ppb
Molybdenum	96-1	491.91	496.19	494.65	494.25	0.44	ppb
Molybdenum	97-1	502.92	504.65	503.98	503.85	0.17	ppb
Molybdenum	98-1	504.08	506.41	504.59	505.03	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.65	503.91	508.45	505.67	0.48	ppb
Phosphorus	31-2	10223.60	10416.94	10355.51	10332.02	0.96	ppb
Potassium	39-2	24944.68	24954.81	25262.69	25054.06	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	528.47	529.91	524.00	527.46	0.58	ppb
Selenium	78-2	518.23	509.48	511.40	513.04	0.90	ppb
Selenium	82-1	508.85	510.66	512.92	510.81	0.40	ppb
Silicon	28-1	508.12	510.98	512.69	510.60	0.45	ppb
Silver	109-1	522.49	522.48	509.92	518.30	1.40	ppb
Silver	107-1	514.57	513.32	511.05	512.98	0.35	ppb
Sodium	23-2	51565.94	51552.00	51709.29	51609.08	0.17	ppb
Strontium	86-1	501.83	504.27	503.30	503.13	0.24	ppb
Strontium	88-1	499.89	507.92	510.34	506.05	1.08	ppb
Sulfur	34-1	10081.42	9973.03	10127.32	10060.59	0.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.74	494.87	506.06	499.89	1.14	ppb
Thallium	205-1	503.60	492.18	509.50	501.76	1.76	ppb
Tin	118-1	508.16	512.00	505.66	508.61	0.63	ppb
Titanium	47-1	501.08	503.17	504.40	502.88	0.33	ppb
Uranium	238-1	496.61	487.84	501.93	495.46	1.44	ppb
Vanadium	51-2	502.09	501.27	502.06	501.81	0.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.14	1004.77	1013.88	1008.59	0.47	ppb
Zirconium	90-1	503.71	502.00	510.33	505.35	0.87	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:52:00	DataFile Name :	016CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.07	496.23	500.11	496.47	0.71	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:59:24	DataFile Name :	017CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.09	0.50	0.26	80.68	ppb
Antimony	121-1	0.66	0.94	1.23	0.94	30.59	ppb
Arsenic	75-2	0.14	0.20	0.17	0.17	17.66	ppb
Barium	135-1	-0.09	-0.08	-0.06	-0.08		ppb
Barium	137-1	-0.05	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	94.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.98	3.79	3.89	3.88	2.45	ppb
Boron	11-1	4.53	4.10	4.19	4.27	5.22	ppb
Cadmium	111-1	-0.15	-0.11	-0.05	-0.10		ppb
Cadmium	106-1	-1.95	-1.40	-0.61	-1.32		ppb
Cadmium	108-1	0.01	0.06	-0.03	0.01	325.32	ppb
Calcium	43-1	-0.20	-0.47	-2.92	-1.20		ppb
Calcium	44-1	-2.29	-1.92	-2.95	-2.39		ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	280.49	ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	-0.43	-0.43	-0.46	-0.44		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.27	0.38	0.35	0.33	16.64	ppb
Iron	57-2	0.09	-0.39	0.32	0.01	4345.39	ppb
Lead	206-1	0.01	0.01	0.00	0.00	217.07	ppb
Lead	207-1	0.02	0.01	0.01	0.01	29.73	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	531.95	ppb
Lithium	6-1						%
Magnesium	24-2	0.23	0.67	0.59	0.49	47.29	ppb
Manganese	55-2	-0.06	-0.07	-0.07	-0.07		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:59:24	DataFile Name :	017CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.12	0.18	0.13	29.54	ppb
Molybdenum	95-1	0.30	0.41	0.49	0.40	23.58	ppb
Molybdenum	96-1	0.26	0.34	0.40	0.33	20.55	ppb
Molybdenum	97-1	0.34	0.37	0.53	0.41	24.28	ppb
Molybdenum	98-1	0.30	0.37	0.50	0.39	26.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.09	-0.09	-0.09		ppb
Phosphorus	31-2	9.82	3.85	11.24	8.30	47.18	ppb
Potassium	39-2	15.11	16.62	13.76	15.16	9.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.64	-0.18	0.09	498.51	ppb
Selenium	78-2	-0.50	0.04	-0.23	-0.23		ppb
Selenium	82-1	1.04	0.40	0.21	0.55	79.42	ppb
Silicon	28-1	-5.02	-3.50	-3.53	-4.01		ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.06	ppb
Silver	107-1	0.01	0.01	0.02	0.02	11.66	ppb
Sodium	23-2	20.23	19.21	18.66	19.37	4.09	ppb
Strontium	86-1	-0.02	-0.02	0.10	0.02	413.29	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-90.40	-19.11	143.22	11.24	1065.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	8.22	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.36	ppb
Tin	118-1	0.06	0.08	0.10	0.08	23.53	ppb
Titanium	47-1	-0.16	-0.17	-0.20	-0.18		ppb
Uranium	238-1	0.00	-0.01	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.19	-0.16	-0.16	-0.17		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	21.98	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:59:24	DataFile Name :	017CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.04	0.03	63.60	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:02:53	DataFile Name :	018SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.74	16.97	16.24	16.32	3.80	ppb
Antimony	121-1	2.07	2.02	2.13	2.08	2.53	ppb
Arsenic	75-2	1.06	1.00	1.01	1.03	2.64	ppb
Barium	135-1	8.66	8.74	8.52	8.64	1.25	ppb
Barium	137-1	8.92	8.60	8.61	8.71	2.11	ppb
Beryllium	9-1	0.84	0.90	0.91	0.88	4.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.59	24.02	24.65	24.42	1.42	ppb
Boron	11-1	24.05	24.73	24.99	24.59	1.98	ppb
Cadmium	111-1	0.83	0.76	0.76	0.78	5.49	ppb
Cadmium	106-1	0.11	-0.90	-1.07	-0.62		ppb
Cadmium	108-1	1.03	0.78	0.86	0.89	14.51	ppb
Calcium	43-1	431.68	415.51	412.02	419.73	2.50	ppb
Calcium	44-1	430.45	424.36	427.57	427.46	0.71	ppb
Chromium	52-2	1.98	1.86	1.78	1.88	5.22	ppb
Cobalt	59-2	0.87	0.93	0.90	0.90	3.19	ppb
Copper	63-2	1.94	2.00	2.05	2.00	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.18	45.37	45.37	45.31	0.24	ppb
Iron	57-2	42.74	44.49	44.18	43.80	2.13	ppb
Lead	206-1	0.93	0.89	0.88	0.90	3.34	ppb
Lead	207-1	0.96	0.95	0.93	0.95	1.33	ppb
Lead	208-1	0.95	0.93	0.94	0.94	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	451.43	456.80	456.58	454.93	0.67	ppb
Manganese	55-2	0.78	0.84	0.87	0.83	5.44	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:02:53	DataFile Name :	018SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.95	1.98	1.91	1.95	1.83	ppb
Molybdenum	95-1	4.55	4.61	4.51	4.55	1.04	ppb
Molybdenum	96-1	3.78	3.83	3.97	3.86	2.59	ppb
Molybdenum	97-1	4.44	4.49	4.49	4.47	0.66	ppb
Molybdenum	98-1	4.60	4.40	4.43	4.47	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.89	0.87	0.87	2.61	ppb
Phosphorus	31-2	10.11	6.10	8.17	8.13	24.69	ppb
Potassium	39-2	456.36	451.68	456.59	454.88	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.90	3.81	4.60	4.44	12.71	ppb
Selenium	78-2	3.04	3.93	3.92	3.63	14.06	ppb
Selenium	82-1	6.92	4.50	4.83	5.42	24.24	ppb
Silicon	28-1	6.69	5.66	6.17	6.17	8.38	ppb
Silver	109-1	1.19	1.21	1.18	1.19	1.46	ppb
Silver	107-1	1.22	1.21	1.20	1.21	0.80	ppb
Sodium	23-2	475.95	473.70	473.21	474.28	0.31	ppb
Strontium	86-1	0.98	0.80	0.83	0.87	11.35	ppb
Strontium	88-1	0.91	0.95	0.92	0.93	1.97	ppb
Sulfur	34-1	-61.18	-178.29	-217.79	-152.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.82	0.84	0.87	0.84	3.14	ppb
Thallium	205-1	0.88	0.86	0.84	0.86	2.15	ppb
Tin	118-1	4.37	4.35	4.40	4.38	0.55	ppb
Titanium	47-1	4.11	4.08	4.03	4.07	1.00	ppb
Uranium	238-1	0.83	0.81	0.83	0.83	1.29	ppb
Vanadium	51-2	4.33	4.33	4.41	4.36	1.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.92	2.03	2.14	2.03	5.30	ppb
Zirconium	90-1	0.85	0.87	0.86	0.86	0.95	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:02:53	DataFile Name :	018SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.86	0.89	0.88	1.78	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2907-05DLX20	Instrumnet Name :	P7
Client Sample ID :	LF015MW047-170427DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:06:22	DataFile Name :	019SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	1.01	0.85	1.21	40.64	ppb
Antimony	121-1	0.11	0.19	0.24	0.18	35.00	ppb
Arsenic	75-2	0.18	0.19	0.17	0.18	5.15	ppb
Barium	135-1	11.35	11.10	11.15	11.20	1.20	ppb
Barium	137-1	11.31	11.28	11.43	11.34	0.68	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	43.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	53.08	54.59	54.11	53.93	1.42	ppb
Boron	11-1	55.30	55.10	56.78	55.72	1.65	ppb
Cadmium	111-1	-0.13	-0.13	-0.12	-0.13		ppb
Cadmium	106-1	-1.65	-1.68	-1.63	-1.65		ppb
Cadmium	108-1	0.07	0.13	0.05	0.08	48.28	ppb
Calcium	43-1	9690.93	9608.74	9792.31	9697.33	0.95	ppb
Calcium	44-1	10017.60	9828.89	9949.28	9931.92	0.96	ppb
Chromium	52-2	2.25	2.22	2.30	2.26	1.81	ppb
Cobalt	59-2	0.34	0.32	0.36	0.34	5.70	ppb
Copper	63-2	0.17	0.14	0.19	0.17	12.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1831.18	1820.78	1824.56	1825.51	0.29	ppb
Iron	57-2	1790.92	1804.51	1805.58	1800.34	0.45	ppb
Lead	206-1	-0.03	-0.02	-0.06	-0.04		ppb
Lead	207-1	-0.03	-0.04	-0.03	-0.04		ppb
Lead	208-1	-0.03	-0.04	-0.05	-0.04		ppb
Lithium	6-1						%
Magnesium	24-2	2679.47	2691.03	2661.16	2677.22	0.56	ppb
Manganese	55-2	103.86	104.50	104.56	104.31	0.37	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2907-05DLX20	Instrumnet Name :	P7
Client Sample ID :	LF015MW047-170427DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:06:22	DataFile Name :	019SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.11	0.14	0.11	23.72	ppb
Molybdenum	95-1	0.22	0.28	0.33	0.28	19.18	ppb
Molybdenum	96-1	0.20	0.25	0.27	0.24	15.35	ppb
Molybdenum	97-1	0.22	0.23	0.32	0.26	22.95	ppb
Molybdenum	98-1	0.24	0.25	0.32	0.27	16.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.01	87.29	86.60	86.96	0.40	ppb
Phosphorus	31-2	26.55	17.06	15.99	19.86	29.25	ppb
Potassium	39-2	379.41	374.14	372.92	375.49	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.09	-0.18	0.09	0.00		ppb
Selenium	78-2	0.28	-0.20	-0.56	-0.16		ppb
Selenium	82-1	1.65	2.09	1.17	1.64	28.01	ppb
Silicon	28-1	843.87	844.48	849.98	846.11	0.40	ppb
Silver	109-1	0.08	0.08	0.10	0.09	12.84	ppb
Silver	107-1	0.08	0.08	0.09	0.08	8.83	ppb
Sodium	23-2	15996.73	16074.73	15900.19	15990.55	0.55	ppb
Strontium	86-1	117.36	118.22	117.71	117.76	0.37	ppb
Strontium	88-1	118.35	119.28	119.47	119.03	0.50	ppb
Sulfur	34-1	2.51	-29.65	2.55	-8.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.01	90.67	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	59.93	ppb
Tin	118-1	0.03	0.04	0.07	0.05	42.90	ppb
Titanium	47-1	-0.09	-0.06	-0.07	-0.07		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.26	ppb
Vanadium	51-2	0.06	0.05	0.06	0.06	12.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.11	0.04	0.12	0.09	46.39	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	8.62	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2907-05DLX20	Instrumnet Name :	P7
Client Sample ID :	LF015MW047-170427DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:06:22	DataFile Name :	019SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.07	0.05	51.40	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07RE	Instrumnet Name :	P7
Client Sample ID :	S49-0434RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:09:56	DataFile Name :	020SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.45	6.09	4.24	5.26	17.84	ppb
Antimony	121-1	1.27	1.37	1.51	1.38	8.77	ppb
Arsenic	75-2	68.36	68.56	67.75	68.22	0.61	ppb
Barium	135-1	281.68	282.19	280.32	281.40	0.34	ppb
Barium	137-1	281.50	279.76	280.97	280.74	0.32	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	149.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	116.50	118.88	117.04	117.47	1.06	ppb
Boron	11-1	122.64	122.43	119.80	121.62	1.30	ppb
Cadmium	111-1	0.11	0.03	-0.02	0.04	150.79	ppb
Cadmium	106-1	-1.44	-2.00	-1.87	-1.77		ppb
Cadmium	108-1	0.32	0.27	0.30	0.30	7.94	ppb
Calcium	43-1	363326.01	362822.11	368114.36	364754.16	0.80	ppb
Calcium	44-1	361509.40	359378.62	364505.93	361797.99	0.71	ppb
Chromium	52-2	11.61	11.76	11.82	11.73	0.90	ppb
Cobalt	59-2	1.99	1.96	1.95	1.97	1.00	ppb
Copper	63-2	13.86	14.17	14.42	14.15	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25925.16	25788.76	25824.90	25846.27	0.27	ppb
Iron	57-2	25417.46	25249.07	25353.31	25339.95	0.34	ppb
Lead	206-1	0.38	0.31	0.28	0.32	15.08	ppb
Lead	207-1	0.38	0.32	0.26	0.32	18.72	ppb
Lead	208-1	0.38	0.31	0.29	0.33	14.70	ppb
Lithium	6-1						%
Magnesium	24-2	127025.14	127320.11	126771.84	127039.03	0.22	ppb
Manganese	55-2	3427.74	3434.59	3426.90	3429.74	0.12	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07RE	Instrumnet Name :	P7
Client Sample ID :	S49-0434RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:09:56	DataFile Name :	020SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.37	0.44	0.39	10.50	ppb
Molybdenum	95-1	0.72	0.85	0.88	0.82	10.65	ppb
Molybdenum	96-1	0.66	0.71	0.78	0.72	7.90	ppb
Molybdenum	97-1	0.73	0.73	0.82	0.76	6.33	ppb
Molybdenum	98-1	0.69	0.74	0.78	0.74	6.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.32	8.48	8.39	8.40	0.96	ppb
Phosphorus	31-2	31.19	34.29	34.67	33.38	5.73	ppb
Potassium	39-2	17861.24	17814.96	17699.49	17791.90	0.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.58	2.88	3.19	2.88	10.72	ppb
Selenium	78-2	0.12	0.36	-0.08	0.13	166.76	ppb
Selenium	82-1	-0.19	1.33	2.00	1.05	107.20	ppb
Silicon	28-1	11347.60	11286.85	11296.49	11310.32	0.29	ppb
Silver	109-1	0.60	0.56	0.49	0.55	9.92	ppb
Silver	107-1	0.62	0.53	0.46	0.54	14.95	ppb
Sodium	23-2	392697.11	393022.58	391325.47	392348.38	0.23	ppb
Strontium	86-1	2688.83	2685.25	2712.19	2695.42	0.54	ppb
Strontium	88-1	2664.03	2670.08	2696.37	2676.83	0.64	ppb
Sulfur	34-1	10995.94	10691.91	10746.20	10811.35	1.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.09	0.07	0.10	26.43	ppb
Thallium	205-1	0.12	0.08	0.08	0.09	23.50	ppb
Tin	118-1	1.83	1.83	1.85	1.84	0.83	ppb
Titanium	47-1	0.85	1.02	1.01	0.96	10.17	ppb
Uranium	238-1	3.86	3.87	3.97	3.90	1.49	ppb
Vanadium	51-2	0.41	0.36	0.40	0.39	6.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.82	5.81	5.76	5.80	0.60	ppb
Zirconium	90-1	0.20	0.20	0.26	0.22	16.32	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07RE	Instrumnet Name :	P7
Client Sample ID :	S49-0434RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:09:56	DataFile Name :	020SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.26	0.23	0.23	10.05	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07REDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434REDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:13:26	DataFile Name :	021SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.06	0.43	0.27	70.44	ppb
Antimony	121-1	-0.04	-0.03	-0.01	-0.02		ppb
Arsenic	75-2	3.38	3.53	3.48	3.47	2.15	ppb
Barium	135-1	13.69	13.95	13.90	13.85	0.99	ppb
Barium	137-1	13.87	14.28	13.65	13.94	2.29	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.54	9.14	9.13	9.27	2.55	ppb
Boron	11-1	9.45	9.26	9.30	9.34	1.06	ppb
Cadmium	111-1	-0.10	-0.10	-0.15	-0.12		ppb
Cadmium	106-1	-1.31	-1.33	-1.92	-1.52		ppb
Cadmium	108-1	0.03	0.05	0.00	0.03	107.05	ppb
Calcium	43-1	17628.90	17881.47	17669.95	17726.77	0.76	ppb
Calcium	44-1	17817.81	18042.55	18054.46	17971.61	0.74	ppb
Chromium	52-2	0.61	0.64	0.62	0.62	2.22	ppb
Cobalt	59-2	0.07	0.08	0.06	0.07	13.86	ppb
Copper	63-2	2.86	2.63	2.66	2.72	4.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1317.63	1314.16	1299.92	1310.57	0.72	ppb
Iron	57-2	1279.94	1280.64	1272.51	1277.69	0.35	ppb
Lead	206-1	-0.08	-0.06	-0.08	-0.07		ppb
Lead	207-1	-0.06	-0.06	-0.05	-0.06		ppb
Lead	208-1	-0.07	-0.07	-0.07	-0.07		ppb
Lithium	6-1						%
Magnesium	24-2	6423.64	6418.80	6352.28	6398.24	0.62	ppb
Manganese	55-2	171.27	171.06	170.16	170.83	0.34	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07REDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434REDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:13:26	DataFile Name :	021SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.05	0.04	28.38	ppb
Molybdenum	95-1	0.06	0.08	0.13	0.09	38.24	ppb
Molybdenum	96-1	0.07	0.09	0.11	0.09	18.68	ppb
Molybdenum	97-1	0.07	0.10	0.12	0.10	30.85	ppb
Molybdenum	98-1	0.08	0.10	0.13	0.10	23.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.29	0.31	0.32	6.90	ppb
Phosphorus	31-2	-1.64	6.64	10.23	5.08	119.87	ppb
Potassium	39-2	915.70	917.84	898.31	910.62	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.93	0.38	-0.18	0.37	147.43	ppb
Selenium	78-2	-0.29	0.08	-0.51	-0.24		ppb
Selenium	82-1	1.16	-0.35	1.34	0.71	129.58	ppb
Silicon	28-1	558.11	564.09	559.13	560.44	0.57	ppb
Silver	109-1	0.09	0.11	0.09	0.09	13.15	ppb
Silver	107-1	0.10	0.09	0.09	0.09	4.74	ppb
Sodium	23-2	20085.07	19978.92	19580.02	19881.34	1.34	ppb
Strontium	86-1	129.82	130.60	131.30	130.57	0.57	ppb
Strontium	88-1	134.51	131.48	133.44	133.14	1.15	ppb
Sulfur	34-1	419.84	488.48	421.14	443.15	8.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.02	0.03	0.03	0.02	28.35	ppb
Titanium	47-1	-0.14	-0.17	-0.10	-0.13		ppb
Uranium	238-1	0.16	0.17	0.17	0.17	3.68	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	29.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.39	0.31	0.28	0.33	16.78	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	54.84	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07REDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434REDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:13:26	DataFile Name :	021SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.01	0.00	863.03	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:16:54	DataFile Name :	022SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.14	5.38	4.20	5.24	18.67	ppb
Antimony	121-1	0.57	0.62	0.67	0.62	8.06	ppb
Arsenic	75-2	69.87	68.80	67.89	68.85	1.44	ppb
Barium	135-1	284.38	282.33	278.94	281.89	0.97	ppb
Barium	137-1	281.61	283.55	279.58	281.58	0.70	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	116.53	120.57	120.25	119.11	1.88	ppb
Boron	11-1	123.30	123.50	123.09	123.30	0.16	ppb
Cadmium	111-1	-0.11	-0.13	-0.13	-0.12		ppb
Cadmium	106-1	-1.93	-2.07	-2.18	-2.06		ppb
Cadmium	108-1	0.01	0.14	0.13	0.09	76.36	ppb
Calcium	43-1	362339.38	367231.45	366860.40	365477.08	0.75	ppb
Calcium	44-1	361589.13	367683.04	368125.08	365799.08	1.00	ppb
Chromium	52-2	9.52	9.55	9.43	9.50	0.62	ppb
Cobalt	59-2	1.94	1.98	2.01	1.98	1.89	ppb
Copper	63-2	15.25	15.39	15.47	15.37	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25994.67	26409.38	26126.85	26176.97	0.81	ppb
Iron	57-2	25526.01	25796.82	25612.02	25644.95	0.54	ppb
Lead	206-1	0.22	0.23	0.19	0.21	10.60	ppb
Lead	207-1	0.20	0.19	0.17	0.18	9.82	ppb
Lead	208-1	0.21	0.20	0.17	0.19	10.96	ppb
Lithium	6-1						%
Magnesium	24-2	128579.61	129175.79	126377.06	128044.15	1.15	ppb
Manganese	55-2	3470.21	3484.15	3467.77	3474.04	0.25	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:16:54	DataFile Name :	022SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.33	0.30	0.32	4.56	ppb
Molybdenum	95-1	0.72	0.63	0.69	0.68	6.72	ppb
Molybdenum	96-1	0.58	0.68	0.67	0.64	8.40	ppb
Molybdenum	97-1	0.63	0.66	0.78	0.69	11.19	ppb
Molybdenum	98-1	0.68	0.65	0.65	0.66	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.15	7.39	7.25	7.26	1.70	ppb
Phosphorus	31-2	28.47	34.71	23.02	28.73	20.36	ppb
Potassium	39-2	17975.11	18059.31	18061.41	18031.95	0.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.55	3.56	3.25	3.45	5.13	ppb
Selenium	78-2	-0.04	0.43	-0.70	-0.10		ppb
Selenium	82-1	-1.07	0.31	1.39	0.21	578.29	ppb
Silicon	28-1	11289.45	11378.98	11315.95	11328.13	0.41	ppb
Silver	109-1	0.36	0.34	0.33	0.34	4.05	ppb
Silver	107-1	0.36	0.32	0.30	0.33	8.63	ppb
Sodium	23-2	392653.41	397655.15	393281.72	394530.09	0.69	ppb
Strontium	86-1	2721.68	2744.59	2704.75	2723.67	0.73	ppb
Strontium	88-1	2689.91	2715.80	2699.08	2701.60	0.49	ppb
Sulfur	34-1	10774.15	10874.31	10687.89	10778.78	0.87	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.36	1.44	1.48	1.43	4.24	ppb
Titanium	47-1	0.92	0.88	1.10	0.97	11.93	ppb
Uranium	238-1	3.89	3.98	3.91	3.93	1.19	ppb
Vanadium	51-2	0.42	0.39	0.39	0.40	4.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.25	5.25	5.26	5.25	0.13	ppb
Zirconium	90-1	0.17	0.18	0.16	0.17	3.81	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:16:54	DataFile Name :	022SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.20	0.25	0.24	12.48	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:20:24	DataFile Name :	023SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.39	0.51	0.45	13.16	ppb
Antimony	121-1	-0.06	-0.05	-0.04	-0.05		ppb
Arsenic	75-2	3.39	3.64	3.66	3.56	4.19	ppb
Barium	135-1	14.14	14.32	14.18	14.21	0.67	ppb
Barium	137-1	14.54	14.53	14.37	14.48	0.67	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.37	7.78	8.87	8.67	9.38	ppb
Boron	11-1	9.24	9.09	8.55	8.96	4.01	ppb
Cadmium	111-1	-0.08	-0.10	-0.05	-0.07		ppb
Cadmium	106-1	-0.94	-1.21	-0.64	-0.93		ppb
Cadmium	108-1	0.01	-0.02	-0.04	-0.02		ppb
Calcium	43-1	17924.34	18015.11	18059.71	17999.72	0.38	ppb
Calcium	44-1	18565.21	18382.46	18346.11	18431.26	0.64	ppb
Chromium	52-2	0.51	0.48	0.48	0.49	3.39	ppb
Cobalt	59-2	0.08	0.06	0.07	0.07	19.10	ppb
Copper	63-2	2.92	2.83	2.86	2.87	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1332.67	1333.83	1352.20	1339.57	0.82	ppb
Iron	57-2	1292.64	1313.79	1309.58	1305.34	0.86	ppb
Lead	206-1	-0.08	-0.09	-0.09	-0.09		ppb
Lead	207-1	-0.07	-0.07	-0.07	-0.07		ppb
Lead	208-1	-0.09	-0.09	-0.09	-0.09		ppb
Lithium	6-1						%
Magnesium	24-2	6516.49	6490.51	6531.47	6512.82	0.32	ppb
Manganese	55-2	174.34	173.08	174.55	173.99	0.46	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:20:24	DataFile Name :	023SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.03	0.02	57.70	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.08	18.31	ppb
Molybdenum	96-1	0.03	0.05	0.08	0.05	44.30	ppb
Molybdenum	97-1	0.08	0.06	0.09	0.08	23.48	ppb
Molybdenum	98-1	0.05	0.07	0.11	0.08	39.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.34	0.27	0.31	10.44	ppb
Phosphorus	31-2	14.30	1.66	13.41	9.79	72.03	ppb
Potassium	39-2	912.17	917.71	922.29	917.39	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.10	0.38	0.10	274.72	ppb
Selenium	78-2	0.03	-0.31	-0.28	-0.19		ppb
Selenium	82-1	0.72	0.91	1.16	0.93	23.81	ppb
Silicon	28-1	579.40	576.12	573.76	576.43	0.49	ppb
Silver	109-1	0.08	0.08	0.07	0.07	12.56	ppb
Silver	107-1	0.07	0.08	0.07	0.07	7.87	ppb
Sodium	23-2	20052.59	20292.00	20299.01	20214.54	0.69	ppb
Strontium	86-1	134.34	132.63	132.91	133.29	0.69	ppb
Strontium	88-1	137.18	135.81	134.39	135.79	1.03	ppb
Sulfur	34-1	625.69	637.84	587.23	616.92	4.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.01	0.03	0.02	0.02	38.71	ppb
Titanium	47-1	-0.13	-0.12	-0.14	-0.13		ppb
Uranium	238-1	0.17	0.18	0.19	0.18	3.27	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	12.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.21	0.25	0.20	0.22	13.17	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	329.45	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:20:24	DataFile Name :	023SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.01	116.60	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREX5	Instrumnet Name :	P7
Client Sample ID :	S49-0434LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 11:23:52	DataFile Name :	024SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	1.62	1.10	1.35	19.34	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	25.07	ppb
Arsenic	75-2	13.43	13.27	13.28	13.33	0.68	ppb
Barium	135-1	55.41	55.30	53.72	54.81	1.73	ppb
Barium	137-1	55.44	55.19	54.35	54.99	1.04	ppb
Beryllium	9-1	-0.02	0.01	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.06	25.98	26.11	26.39	2.23	ppb
Boron	11-1	27.38	26.76	27.40	27.18	1.35	ppb
Cadmium	111-1	-0.17	-0.15	-0.09	-0.13		ppb
Cadmium	106-1	-2.09	-1.89	-1.25	-1.74		ppb
Cadmium	108-1	0.02	0.01	0.04	0.02	55.95	ppb
Calcium	43-1	69884.25	69794.05	71262.17	70313.49	1.17	ppb
Calcium	44-1	69678.70	70741.13	71698.95	70706.26	1.43	ppb
Chromium	52-2	2.37	2.29	2.32	2.32	1.94	ppb
Cobalt	59-2	0.36	0.36	0.39	0.37	4.52	ppb
Copper	63-2	4.63	4.51	4.54	4.56	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5122.39	5073.90	5097.05	5097.78	0.48	ppb
Iron	57-2	5028.25	4991.43	5033.03	5017.57	0.45	ppb
Lead	206-1	-0.07	-0.08	-0.07	-0.07		ppb
Lead	207-1	-0.03	-0.05	-0.06	-0.05		ppb
Lead	208-1	-0.06	-0.06	-0.06	-0.06		ppb
Lithium	6-1						%
Magnesium	24-2	25019.28	25089.84	24932.53	25013.88	0.31	ppb
Manganese	55-2	664.70	668.35	667.74	666.93	0.29	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREX5	Instrumnet Name :	P7
Client Sample ID :	S49-0434LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 11:23:52	DataFile Name :	024SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.08	0.07	9.21	ppb
Molybdenum	95-1	0.14	0.15	0.17	0.15	10.58	ppb
Molybdenum	96-1	0.13	0.14	0.14	0.14	5.66	ppb
Molybdenum	97-1	0.13	0.15	0.18	0.15	17.48	ppb
Molybdenum	98-1	0.16	0.15	0.18	0.16	9.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.69	1.51	1.53	1.58	6.02	ppb
Phosphorus	31-2	8.25	19.08	8.17	11.83	53.06	ppb
Potassium	39-2	3469.38	3484.66	3510.13	3488.06	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.11	0.11	0.69	0.31	108.89	ppb
Selenium	78-2	0.31	0.11	-0.01	0.14	120.66	ppb
Selenium	82-1	-0.06	0.34	0.92	0.40	123.38	ppb
Silicon	28-1	2228.34	2241.11	2277.01	2248.82	1.12	ppb
Silver	109-1	0.12	0.13	0.12	0.12	4.52	ppb
Silver	107-1	0.13	0.12	0.12	0.12	5.17	ppb
Sodium	23-2	76494.45	77450.57	77398.64	77114.55	0.70	ppb
Strontium	86-1	514.47	515.99	510.64	513.70	0.54	ppb
Strontium	88-1	518.70	522.87	520.92	520.83	0.40	ppb
Sulfur	34-1	2566.50	2549.48	2557.23	2557.74	0.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.05	0.07	0.08	0.07	24.08	ppb
Titanium	47-1	0.07	0.03	0.03	0.04	54.54	ppb
Uranium	238-1	0.72	0.72	0.73	0.72	1.19	ppb
Vanadium	51-2	0.09	0.09	0.08	0.09	11.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.96	0.91	0.81	0.89	8.74	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	1.86	ppb

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREX5	Instrumnet Name :	P7
Client Sample ID :	S49-0434LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 11:23:52	DataFile Name :	024SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.04	0.04	35.38	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0434LREDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 11:27:20	DataFile Name :	025SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.33	0.28	0.29	11.60	ppb
Antimony	121-1	-0.07	-0.07	-0.07	-0.07		ppb
Arsenic	75-2	0.69	0.69	0.69	0.69	0.56	ppb
Barium	135-1	2.69	2.66	2.67	2.67	0.56	ppb
Barium	137-1	2.76	2.70	2.71	2.72	1.27	ppb
Beryllium	9-1	-0.02	0.00	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.76	2.52	2.56	2.61	4.91	ppb
Boron	11-1	2.91	2.78	2.81	2.83	2.44	ppb
Cadmium	111-1	-0.15	-0.05	-0.07	-0.09		ppb
Cadmium	106-1	-1.86	-0.57	-0.76	-1.06		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00		ppb
Calcium	43-1	3438.90	3489.08	3439.50	3455.83	0.83	ppb
Calcium	44-1	3512.87	3509.86	3495.37	3506.03	0.27	ppb
Chromium	52-2	0.09	0.12	0.09	0.10	19.80	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	1.41	1.44	1.26	1.37	6.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	246.27	250.10	246.72	247.69	0.85	ppb
Iron	57-2	249.10	246.47	243.04	246.21	1.23	ppb
Lead	206-1	-0.06	-0.08	-0.08	-0.07		ppb
Lead	207-1	-0.06	-0.04	-0.04	-0.05		ppb
Lead	208-1	-0.07	-0.07	-0.07	-0.07		ppb
Lithium	6-1						%
Magnesium	24-2	1252.83	1262.13	1253.73	1256.23	0.41	ppb
Manganese	55-2	32.98	33.11	33.11	33.07	0.21	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0434LREDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 11:27:20	DataFile Name :	025SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.02	0.01	175.06	ppb
Molybdenum	95-1	0.02	0.04	0.06	0.04	55.84	ppb
Molybdenum	96-1	0.01	0.03	0.05	0.03	68.35	ppb
Molybdenum	97-1	0.02	0.05	0.08	0.05	57.46	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	20.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.01	113.47	ppb
Phosphorus	31-2	7.40	3.67	-2.59	2.83	178.59	ppb
Potassium	39-2	183.75	184.65	181.08	183.16	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.10	-0.09		ppb
Selenium	78-2	0.29	0.76	-0.21	0.28	172.02	ppb
Selenium	82-1	0.44	0.82	0.98	0.74	37.34	ppb
Silicon	28-1	137.91	138.40	139.15	138.49	0.45	ppb
Silver	109-1	0.03	0.04	0.03	0.03	7.11	ppb
Silver	107-1	0.04	0.04	0.04	0.04	6.29	ppb
Sodium	23-2	3822.11	3855.02	3860.41	3845.85	0.54	ppb
Strontium	86-1	24.92	25.19	25.26	25.12	0.70	ppb
Strontium	88-1	25.49	25.30	25.68	25.49	0.74	ppb
Sulfur	34-1	638.85	641.92	797.11	692.63	13.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	0.01	0.02	0.01	78.93	ppb
Titanium	47-1	-0.22	-0.17	-0.20	-0.20		ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.93	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	35.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.07	-0.04	-0.04	-0.05		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0434LREDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 11:27:20	DataFile Name :	025SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	-0.01	-0.02	-0.01		ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:30:50	DataFile Name :	026SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9756.54	9774.76	9719.29	9750.20	0.29	ppb
Antimony	121-1	514.51	516.70	514.94	515.38	0.22	ppb
Arsenic	75-2	591.61	588.75	591.24	590.54	0.26	ppb
Barium	135-1	2932.99	2920.35	2881.62	2911.65	0.92	ppb
Barium	137-1	2877.81	2873.09	2882.71	2877.87	0.17	ppb
Beryllium	9-1	451.97	459.26	456.17	455.80	0.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1048.42	1073.45	1062.37	1061.41	1.18	ppb
Boron	11-1	1037.31	1061.10	1048.46	1048.96	1.13	ppb
Cadmium	111-1	483.68	486.69	488.03	486.14	0.46	ppb
Cadmium	106-1	490.30	490.50	486.33	489.04	0.48	ppb
Cadmium	108-1	493.08	500.20	491.70	494.99	0.92	ppb
Calcium	43-1	414896.13	421898.47	414797.50	417197.37	0.98	ppb
Calcium	44-1	416060.47	417979.59	414158.20	416066.09	0.46	ppb
Chromium	52-2	544.08	543.01	540.29	542.46	0.36	ppb
Cobalt	59-2	546.04	544.97	541.64	544.22	0.42	ppb
Copper	63-2	1101.47	1091.50	1097.79	1096.92	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	53510.42	53311.84	53194.13	53338.79	0.30	ppb
Iron	57-2	52672.49	52659.42	52667.22	52666.37	0.01	ppb
Lead	206-1	557.85	561.64	567.56	562.35	0.87	ppb
Lead	207-1	500.79	502.08	505.98	502.95	0.54	ppb
Lead	208-1	537.27	539.94	542.94	540.05	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	182342.69	181345.46	181296.00	181661.38	0.33	ppb
Manganese	55-2	4511.88	4514.70	4457.07	4494.55	0.72	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:30:50	DataFile Name :	026SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	687.78	695.27	681.97	688.34	0.97	ppb
Molybdenum	95-1	1084.75	1101.50	1074.04	1086.76	1.27	ppb
Molybdenum	96-1	998.00	991.77	982.43	990.73	0.79	ppb
Molybdenum	97-1	1089.99	1078.16	1071.59	1079.91	0.86	ppb
Molybdenum	98-1	1083.38	1089.61	1075.83	1082.94	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.45	546.30	545.08	546.61	0.31	ppb
Phosphorus	31-2	29.29	28.95	36.06	31.44	12.76	ppb
Potassium	39-2	43197.64	43420.25	42898.37	43172.09	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	513.00	523.42	507.35	514.59	1.58	ppb
Selenium	78-2	513.90	501.08	499.18	504.72	1.59	ppb
Selenium	82-1	519.58	515.97	505.88	513.81	1.38	ppb
Silicon	28-1	12119.22	12128.27	11944.66	12064.05	0.86	ppb
Silver	109-1	239.11	240.47	240.46	240.01	0.32	ppb
Silver	107-1	239.60	239.38	239.86	239.61	0.10	ppb
Sodium	23-2	451089.30	449832.84	447912.83	449611.65	0.36	ppb
Strontium	86-1	3283.71	3260.29	3254.92	3266.31	0.47	ppb
Strontium	88-1	3224.92	3233.05	3230.51	3229.49	0.13	ppb
Sulfur	34-1	11165.99	11153.07	10722.08	11013.71	2.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	530.71	533.94	538.76	534.47	0.76	ppb
Thallium	205-1	535.81	529.46	538.17	534.48	0.84	ppb
Tin	118-1	994.81	990.62	995.76	993.73	0.28	ppb
Titanium	47-1	1031.29	1036.31	1031.57	1033.05	0.27	ppb
Uranium	238-1	542.21	544.80	548.18	545.06	0.55	ppb
Vanadium	51-2	541.59	539.99	534.50	538.69	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1032.39	1030.47	1029.12	1030.66	0.16	ppb
Zirconium	90-1	516.09	521.90	516.25	518.08	0.64	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:30:50	DataFile Name :	026SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.83	511.33	504.40	505.52	1.06	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:34:17	DataFile Name :	027SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.19	525.35	510.30	516.61	1.51	ppb
Antimony	121-1	26.04	26.02	25.39	25.82	1.43	ppb
Arsenic	75-2	30.60	30.69	30.51	30.60	0.29	ppb
Barium	135-1	145.44	147.73	142.83	145.33	1.69	ppb
Barium	137-1	146.73	146.11	142.40	145.08	1.61	ppb
Beryllium	9-1	25.58	25.43	25.69	25.57	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	75.07	69.83	70.66	71.86	3.92	ppb
Boron	11-1	72.44	70.98	71.08	71.50	1.14	ppb
Cadmium	111-1	26.21	26.27	26.20	26.23	0.14	ppb
Cadmium	106-1	25.61	24.64	23.86	24.71	3.55	ppb
Cadmium	108-1	26.95	26.24	25.76	26.32	2.27	ppb
Calcium	43-1	21027.58	20929.91	20732.43	20896.64	0.72	ppb
Calcium	44-1	21418.70	21328.89	21035.07	21260.88	0.94	ppb
Chromium	52-2	27.33	27.16	27.38	27.29	0.41	ppb
Cobalt	59-2	28.08	27.80	27.85	27.91	0.55	ppb
Copper	63-2	59.17	59.09	59.44	59.23	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2761.24	2725.20	2767.17	2751.20	0.83	ppb
Iron	57-2	2690.24	2683.87	2689.89	2688.00	0.13	ppb
Lead	206-1	27.21	27.12	27.20	27.18	0.18	ppb
Lead	207-1	25.11	24.92	25.21	25.08	0.59	ppb
Lead	208-1	26.50	26.22	26.34	26.35	0.55	ppb
Lithium	6-1						%
Magnesium	24-2	9308.30	9325.18	9366.35	9333.28	0.32	ppb
Manganese	55-2	228.78	226.15	228.31	227.75	0.62	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:34:17	DataFile Name :	027SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	33.41	32.96	33.33	33.23	0.72	ppb
Molybdenum	95-1	53.48	52.37	53.47	53.11	1.19	ppb
Molybdenum	96-1	47.81	46.26	47.71	47.26	1.83	ppb
Molybdenum	97-1	53.35	52.34	53.99	53.23	1.55	ppb
Molybdenum	98-1	52.07	51.19	52.76	52.01	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.77	28.61	29.12	28.83	0.91	ppb
Phosphorus	31-2	-2.41	1.90	9.62	3.04	200.87	ppb
Potassium	39-2	2207.12	2191.88	2221.55	2206.85	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	23.67	29.70	29.49	27.62	12.39	ppb
Selenium	78-2	26.96	25.19	29.43	27.19	7.84	ppb
Selenium	82-1	27.38	27.44	27.86	27.56	0.95	ppb
Silicon	28-1	639.52	635.31	622.90	632.58	1.37	ppb
Silver	109-1	13.28	13.07	12.99	13.11	1.16	ppb
Silver	107-1	13.30	12.95	12.97	13.07	1.51	ppb
Sodium	23-2	23112.49	23062.37	23223.77	23132.88	0.36	ppb
Strontium	86-1	159.78	158.93	159.46	159.39	0.27	ppb
Strontium	88-1	161.39	161.60	163.67	162.22	0.78	ppb
Sulfur	34-1	755.49	622.10	342.78	573.46	36.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.68	25.75	25.91	25.78	0.45	ppb
Thallium	205-1	26.33	26.01	26.54	26.30	1.02	ppb
Tin	118-1	52.17	52.13	50.21	51.50	2.18	ppb
Titanium	47-1	52.03	52.65	51.32	52.00	1.28	ppb
Uranium	238-1	24.92	24.99	24.74	24.88	0.52	ppb
Vanadium	51-2	26.83	26.59	27.13	26.85	1.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	55.94	56.52	56.27	56.24	0.52	ppb
Zirconium	90-1	25.33	24.88	25.28	25.16	0.98	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:34:17	DataFile Name :	027SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.47	25.05	25.22	25.25	0.83	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:37:43	DataFile Name :	028CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9676.99	9609.18	9666.50	9650.89	0.38	ppb
Antimony	121-1	503.68	499.20	497.68	500.19	0.62	ppb
Arsenic	75-2	512.47	510.24	511.26	511.32	0.22	ppb
Barium	135-1	2518.26	2522.25	2530.52	2523.68	0.25	ppb
Barium	137-1	2494.35	2522.15	2511.13	2509.21	0.56	ppb
Beryllium	9-1	487.95	488.53	492.51	489.66	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	477.09	483.69	496.89	485.89	2.08	ppb
Boron	11-1	476.48	482.35	496.57	485.13	2.13	ppb
Cadmium	111-1	503.39	501.93	506.82	504.05	0.50	ppb
Cadmium	106-1	503.00	506.14	507.63	505.59	0.47	ppb
Cadmium	108-1	502.64	503.86	506.82	504.44	0.43	ppb
Calcium	43-1	49519.37	49017.91	48685.97	49074.41	0.85	ppb
Calcium	44-1	49663.08	50126.65	49755.31	49848.34	0.49	ppb
Chromium	52-2	512.33	514.70	514.25	513.76	0.24	ppb
Cobalt	59-2	521.76	525.42	522.72	523.30	0.36	ppb
Copper	63-2	1057.13	1063.05	1056.62	1058.93	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26401.86	26298.96	26296.49	26332.44	0.23	ppb
Iron	57-2	25684.33	25810.54	25707.24	25734.04	0.26	ppb
Lead	206-1	489.99	510.61	510.70	503.77	2.37	ppb
Lead	207-1	490.20	494.54	493.45	492.73	0.46	ppb
Lead	208-1	499.89	506.02	508.02	504.64	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	51684.02	51176.66	51678.99	51513.22	0.57	ppb
Manganese	55-2	1026.10	1027.32	1030.33	1027.92	0.21	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:37:43	DataFile Name :	028CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	507.71	508.90	513.34	509.98	0.58	ppb
Molybdenum	95-1	502.86	502.00	508.00	504.29	0.64	ppb
Molybdenum	96-1	497.26	496.39	499.25	497.63	0.29	ppb
Molybdenum	97-1	506.50	504.14	504.68	505.11	0.24	ppb
Molybdenum	98-1	508.04	509.00	509.89	508.98	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.92	527.53	522.44	524.30	0.54	ppb
Phosphorus	31-2	10338.80	10314.35	10560.43	10404.53	1.30	ppb
Potassium	39-2	24856.43	24760.75	24856.86	24824.68	0.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	532.29	507.00	509.08	516.12	2.72	ppb
Selenium	78-2	501.15	514.53	509.36	508.34	1.33	ppb
Selenium	82-1	514.04	512.07	514.25	513.45	0.23	ppb
Silicon	28-1	507.77	504.12	504.97	505.62	0.38	ppb
Silver	109-1	511.94	511.15	516.06	513.05	0.51	ppb
Silver	107-1	507.36	513.44	509.74	510.18	0.60	ppb
Sodium	23-2	52086.01	52323.87	51959.91	52123.26	0.35	ppb
Strontium	86-1	498.87	501.32	509.20	503.13	1.07	ppb
Strontium	88-1	505.38	513.45	510.70	509.84	0.81	ppb
Sulfur	34-1	10446.48	10224.13	10267.05	10312.55	1.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.22	502.03	509.01	505.42	0.69	ppb
Thallium	205-1	505.47	506.64	509.23	507.11	0.38	ppb
Tin	118-1	497.26	502.84	507.63	502.58	1.03	ppb
Titanium	47-1	507.25	503.73	502.57	504.52	0.48	ppb
Uranium	238-1	504.00	502.48	504.00	503.49	0.17	ppb
Vanadium	51-2	511.15	512.14	513.46	512.25	0.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1050.12	1044.43	1042.45	1045.67	0.38	ppb
Zirconium	90-1	509.60	504.44	509.59	507.88	0.59	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:37:43	DataFile Name :	028CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.23	498.13	500.57	498.98	0.28	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:50:20	DataFile Name :	030CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.12	0.01	0.04	141.48	ppb
Antimony	121-1	0.18	0.24	0.29	0.24	24.13	ppb
Arsenic	75-2	0.08	0.10	0.09	0.09	9.38	ppb
Barium	135-1	-0.06	-0.08	-0.07	-0.07		ppb
Barium	137-1	-0.06	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	57.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.84	3.69	3.63	3.72	2.87	ppb
Boron	11-1	4.01	3.85	3.81	3.89	2.73	ppb
Cadmium	111-1	-0.07	-0.08	-0.11	-0.08		ppb
Cadmium	106-1	-0.82	-0.89	-1.34	-1.01		ppb
Cadmium	108-1	0.06	0.05	0.00	0.04	95.29	ppb
Calcium	43-1	-1.88	-0.30	-1.62	-1.27		ppb
Calcium	44-1	-3.57	-3.62	-4.17	-3.79		ppb
Chromium	52-2	0.03	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.34	0.49	0.39	0.41	17.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.43	-0.44	-0.45	-0.44		ppb
Iron	57-2	-1.09	-0.76	-0.69	-0.85		ppb
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.01	0.01	0.03	0.02	76.04	ppb
Lead	208-1	0.00	-0.01	0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	0.78	0.50	0.22	0.50	55.55	ppb
Manganese	55-2	-0.04	-0.03	-0.04	-0.04		ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:50:20	DataFile Name :	030CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.05	0.04	28.45	ppb
Molybdenum	95-1	0.08	0.09	0.15	0.11	33.49	ppb
Molybdenum	96-1	0.07	0.10	0.12	0.10	26.32	ppb
Molybdenum	97-1	0.06	0.13	0.16	0.12	39.98	ppb
Molybdenum	98-1	0.08	0.12	0.14	0.12	25.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.11	-0.08	-0.08		ppb
Phosphorus	31-2	9.01	4.88	-0.10	4.60	99.15	ppb
Potassium	39-2	9.00	7.17	6.24	7.47	18.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.56	0.35	-0.39	-0.20		ppb
Selenium	82-1	0.50	0.41	-0.98	-0.02		ppb
Silicon	28-1	-8.34	-7.14	-7.34	-7.61		ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.78	ppb
Silver	107-1	0.01	0.02	0.03	0.02	29.32	ppb
Sodium	23-2	20.42	18.24	20.90	19.86	7.15	ppb
Strontium	86-1	-0.05	0.05	0.04	0.01	408.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	112.11	359.74	369.75	280.53	52.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.04	0.06	0.05	0.05	13.45	ppb
Titanium	47-1	-0.22	-0.23	-0.20	-0.22		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.18	-0.17	-0.17	-0.17		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.10	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:50:20	DataFile Name :	030CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	115.61	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:53:48	DataFile Name :	031SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9906.01	9918.74	9943.12	9922.63	0.19	ppb
Antimony	121-1	521.79	518.71	510.88	517.13	1.09	ppb
Arsenic	75-2	593.90	591.82	591.10	592.27	0.25	ppb
Barium	135-1	2965.61	2952.80	2890.38	2936.26	1.37	ppb
Barium	137-1	2936.68	2950.21	2894.21	2927.03	1.00	ppb
Beryllium	9-1	452.23	447.76	445.50	448.49	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1051.91	1046.02	1059.35	1052.43	0.63	ppb
Boron	11-1	1034.41	1040.82	1041.54	1038.92	0.38	ppb
Cadmium	111-1	491.68	488.58	480.06	486.77	1.24	ppb
Cadmium	106-1	491.11	492.31	477.72	487.05	1.66	ppb
Cadmium	108-1	491.97	497.31	486.90	492.06	1.06	ppb
Calcium	43-1	423562.63	428128.13	418386.91	423359.22	1.15	ppb
Calcium	44-1	420760.99	425539.76	416981.38	421094.04	1.02	ppb
Chromium	52-2	549.99	548.03	551.02	549.68	0.28	ppb
Cobalt	59-2	548.15	550.39	549.49	549.34	0.21	ppb
Copper	63-2	1110.72	1113.00	1120.70	1114.81	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	54356.12	53778.80	54275.24	54136.72	0.58	ppb
Iron	57-2	53197.96	53501.98	53567.67	53422.53	0.37	ppb
Lead	206-1	569.29	568.66	566.84	568.26	0.22	ppb
Lead	207-1	505.62	509.20	507.50	507.44	0.35	ppb
Lead	208-1	541.63	542.84	543.05	542.50	0.14	ppb
Lithium	6-1						%
Magnesium	24-2	183390.69	182996.49	182863.52	183083.56	0.15	ppb
Manganese	55-2	4556.64	4486.91	4556.90	4533.48	0.89	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:53:48	DataFile Name :	031SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	691.12	702.49	700.27	697.96	0.86	ppb
Molybdenum	95-1	1088.07	1100.81	1100.75	1096.55	0.67	ppb
Molybdenum	96-1	1001.78	999.99	1008.75	1003.51	0.46	ppb
Molybdenum	97-1	1085.09	1086.86	1103.38	1091.78	0.92	ppb
Molybdenum	98-1	1083.16	1091.55	1113.24	1095.98	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.57	550.57	552.65	550.60	0.37	ppb
Phosphorus	31-2	32.80	36.15	27.10	32.02	14.30	ppb
Potassium	39-2	43655.91	43313.14	43516.04	43495.03	0.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	522.58	506.49	521.97	517.01	1.76	ppb
Selenium	78-2	499.11	502.39	501.98	501.16	0.36	ppb
Selenium	82-1	513.49	512.50	517.48	514.49	0.51	ppb
Silicon	28-1	12185.90	12297.25	11946.46	12143.20	1.48	ppb
Silver	109-1	238.75	238.66	234.30	237.24	1.07	ppb
Silver	107-1	238.21	239.94	235.84	238.00	0.86	ppb
Sodium	23-2	450503.96	452453.64	452326.08	451761.23	0.24	ppb
Strontium	86-1	3267.00	3282.19	3295.15	3281.44	0.43	ppb
Strontium	88-1	3257.24	3272.38	3253.57	3261.07	0.31	ppb
Sulfur	34-1	11249.33	11209.71	10660.14	11039.72	2.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	538.36	536.83	535.76	536.98	0.24	ppb
Thallium	205-1	538.90	539.61	539.88	539.46	0.09	ppb
Tin	118-1	1013.50	1005.38	998.60	1005.83	0.74	ppb
Titanium	47-1	1052.19	1058.15	1042.97	1051.11	0.73	ppb
Uranium	238-1	544.79	545.78	550.51	547.03	0.56	ppb
Vanadium	51-2	544.05	544.05	546.27	544.79	0.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1043.43	1045.71	1051.52	1046.89	0.40	ppb
Zirconium	90-1	522.53	525.04	526.11	524.56	0.35	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:53:48	DataFile Name :	031SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.38	513.12	513.78	512.76	0.24	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:57:17	DataFile Name :	032SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	533.42	521.90	529.45	528.26	1.11	ppb
Antimony	121-1	26.34	26.11	25.96	26.14	0.72	ppb
Arsenic	75-2	31.13	30.38	30.89	30.80	1.24	ppb
Barium	135-1	148.33	146.94	145.37	146.88	1.01	ppb
Barium	137-1	148.15	147.49	146.02	147.22	0.74	ppb
Beryllium	9-1	26.35	25.56	25.49	25.80	1.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	74.99	75.51	74.31	74.94	0.80	ppb
Boron	11-1	75.48	74.68	73.77	74.64	1.15	ppb
Cadmium	111-1	26.97	25.79	26.16	26.31	2.30	ppb
Cadmium	106-1	25.46	25.90	24.65	25.34	2.51	ppb
Cadmium	108-1	26.89	26.80	26.08	26.59	1.67	ppb
Calcium	43-1	21342.72	21125.70	21322.06	21263.50	0.56	ppb
Calcium	44-1	21789.17	21624.12	21638.94	21684.08	0.42	ppb
Chromium	52-2	27.96	28.01	28.26	28.08	0.57	ppb
Cobalt	59-2	28.38	28.51	28.31	28.40	0.35	ppb
Copper	63-2	60.96	60.21	60.16	60.45	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2831.78	2796.08	2820.68	2816.18	0.65	ppb
Iron	57-2	2772.70	2727.00	2727.20	2742.30	0.96	ppb
Lead	206-1	27.94	27.24	27.35	27.51	1.36	ppb
Lead	207-1	25.70	25.27	25.02	25.33	1.36	ppb
Lead	208-1	27.05	26.56	26.48	26.69	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	9518.32	9571.56	9527.10	9538.99	0.30	ppb
Manganese	55-2	232.55	232.99	232.81	232.79	0.10	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:57:17	DataFile Name :	032SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	34.71	34.43	33.91	34.35	1.19	ppb
Molybdenum	95-1	54.59	54.89	54.16	54.55	0.66	ppb
Molybdenum	96-1	49.23	48.79	49.12	49.05	0.47	ppb
Molybdenum	97-1	55.89	54.47	54.33	54.90	1.57	ppb
Molybdenum	98-1	53.98	53.92	53.31	53.74	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.35	29.29	28.96	29.20	0.72	ppb
Phosphorus	31-2	5.36	7.47	12.62	8.49	44.03	ppb
Potassium	39-2	2260.44	2236.95	2247.40	2248.26	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	28.26	31.07	28.46	29.26	5.37	ppb
Selenium	78-2	28.29	28.93	26.85	28.02	3.80	ppb
Selenium	82-1	29.19	29.04	27.44	28.55	3.40	ppb
Silicon	28-1	643.02	637.04	645.54	641.87	0.68	ppb
Silver	109-1	13.30	12.86	12.67	12.95	2.50	ppb
Silver	107-1	13.33	12.92	12.86	13.04	1.98	ppb
Sodium	23-2	23667.02	23466.83	23344.65	23492.83	0.69	ppb
Strontium	86-1	162.65	163.38	161.26	162.43	0.66	ppb
Strontium	88-1	165.52	165.20	163.83	164.85	0.54	ppb
Sulfur	34-1	574.64	454.43	515.41	514.83	11.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	26.52	26.48	26.23	26.41	0.59	ppb
Thallium	205-1	26.90	26.64	26.50	26.68	0.75	ppb
Tin	118-1	53.04	51.74	51.91	52.23	1.36	ppb
Titanium	47-1	53.66	53.31	53.71	53.56	0.40	ppb
Uranium	238-1	25.10	24.94	25.14	25.06	0.42	ppb
Vanadium	51-2	27.39	27.23	27.34	27.32	0.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	57.76	56.89	58.76	57.80	1.62	ppb
Zirconium	90-1	25.66	25.84	25.62	25.70	0.45	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:57:17	DataFile Name :	032SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.30	25.90	25.04	25.41	1.75	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07ARE	Instrumnet Name :	P7
Client Sample ID :	S49-0434ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:00:44	DataFile Name :	033SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10072.14	10083.76	9903.09	10019.66	1.01	ppb
Antimony	121-1	521.96	517.76	519.35	519.69	0.41	ppb
Arsenic	75-2	600.60	600.79	599.55	600.31	0.11	ppb
Barium	135-1	2969.08	2964.86	2910.94	2948.29	1.10	ppb
Barium	137-1	2958.14	2959.07	2906.29	2941.17	1.03	ppb
Beryllium	9-1	471.74	470.60	471.69	471.34	0.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1092.02	1104.11	1112.39	1102.84	0.93	ppb
Boron	11-1	1078.30	1088.15	1098.39	1088.28	0.92	ppb
Cadmium	111-1	489.12	487.80	487.86	488.26	0.15	ppb
Cadmium	106-1	496.55	493.94	488.79	493.09	0.80	ppb
Cadmium	108-1	499.55	494.61	492.50	495.56	0.73	ppb
Calcium	43-1	428750.24	433457.68	430754.49	430987.47	0.55	ppb
Calcium	44-1	426748.23	428027.68	427518.89	427431.60	0.15	ppb
Chromium	52-2	565.84	564.06	554.86	561.59	1.05	ppb
Cobalt	59-2	564.56	564.08	555.59	561.41	0.90	ppb
Copper	63-2	1140.48	1135.32	1117.85	1131.22	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	55750.56	55650.56	54455.90	55285.67	1.30	ppb
Iron	57-2	54838.30	54805.25	53868.62	54504.06	1.01	ppb
Lead	206-1	570.97	579.85	594.07	581.63	2.00	ppb
Lead	207-1	512.17	516.02	526.46	518.22	1.43	ppb
Lead	208-1	546.41	554.29	564.36	555.02	1.62	ppb
Lithium	6-1						%
Magnesium	24-2	187181.25	186484.21	182746.27	185470.58	1.29	ppb
Manganese	55-2	4662.30	4655.38	4576.48	4631.39	1.03	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07ARE	Instrumnet Name :	P7
Client Sample ID :	S49-0434ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:00:44	DataFile Name :	033SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	705.56	715.11	707.95	709.54	0.70	ppb
Molybdenum	95-1	1117.46	1109.94	1119.82	1115.74	0.46	ppb
Molybdenum	96-1	1011.72	1011.43	1013.70	1012.28	0.12	ppb
Molybdenum	97-1	1105.64	1108.94	1100.12	1104.90	0.40	ppb
Molybdenum	98-1	1121.33	1116.28	1107.75	1115.12	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	568.73	566.89	556.54	564.05	1.16	ppb
Phosphorus	31-2	40.60	26.98	37.02	34.87	20.26	ppb
Potassium	39-2	44213.22	44103.78	43846.03	44054.35	0.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	514.52	511.45	511.79	512.59	0.33	ppb
Selenium	78-2	513.17	500.94	506.06	506.73	1.21	ppb
Selenium	82-1	524.61	520.36	521.16	522.05	0.43	ppb
Silicon	28-1	12189.66	12219.94	12087.94	12165.84	0.57	ppb
Silver	109-1	238.90	239.22	236.92	238.35	0.52	ppb
Silver	107-1	240.04	238.95	237.59	238.86	0.51	ppb
Sodium	23-2	460508.74	460673.73	456323.44	459168.64	0.54	ppb
Strontium	86-1	3345.70	3346.28	3309.35	3333.78	0.63	ppb
Strontium	88-1	3309.39	3295.96	3282.21	3295.85	0.41	ppb
Sulfur	34-1	10871.91	10905.31	10610.97	10796.07	1.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	536.45	544.81	556.73	546.00	1.87	ppb
Thallium	205-1	537.37	553.85	562.29	551.17	2.30	ppb
Tin	118-1	1026.81	1001.43	1012.11	1013.45	1.26	ppb
Titanium	47-1	1060.35	1065.49	1064.16	1063.33	0.25	ppb
Uranium	238-1	559.78	563.50	571.85	565.04	1.09	ppb
Vanadium	51-2	554.75	553.19	548.88	552.27	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1067.56	1062.40	1048.60	1059.52	0.92	ppb
Zirconium	90-1	531.27	535.63	536.65	534.52	0.54	ppb

Reviewed By:jaswal
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07ARE	Instrumnet Name :	P7
Client Sample ID :	S49-0434ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:00:44	DataFile Name :	033SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	520.46	521.34	521.84	521.21	0.13	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07AREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434AREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 12:04:12	DataFile Name :	034SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.30	529.03	514.26	520.20	1.50	ppb
Antimony	121-1	25.83	26.06	26.05	25.98	0.49	ppb
Arsenic	75-2	30.82	30.35	30.09	30.42	1.21	ppb
Barium	135-1	146.21	144.90	147.24	146.12	0.80	ppb
Barium	137-1	147.62	144.47	146.35	146.15	1.09	ppb
Beryllium	9-1	25.85	25.44	25.27	25.52	1.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	77.89	76.93	76.99	77.27	0.70	ppb
Boron	11-1	79.09	76.63	74.83	76.85	2.78	ppb
Cadmium	111-1	26.09	26.54	26.19	26.27	0.89	ppb
Cadmium	106-1	23.92	25.45	24.31	24.56	3.22	ppb
Cadmium	108-1	25.74	28.27	26.26	26.76	5.00	ppb
Calcium	43-1	20899.87	20938.66	21112.92	20983.82	0.54	ppb
Calcium	44-1	21321.72	21218.02	21442.05	21327.27	0.53	ppb
Chromium	52-2	28.18	28.06	28.10	28.12	0.21	ppb
Cobalt	59-2	28.69	28.82	28.59	28.70	0.41	ppb
Copper	63-2	60.77	60.04	60.14	60.32	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2811.16	2803.47	2814.00	2809.54	0.19	ppb
Iron	57-2	2720.17	2750.13	2723.42	2731.24	0.60	ppb
Lead	206-1	26.63	26.71	26.49	26.61	0.41	ppb
Lead	207-1	24.89	25.10	24.76	24.92	0.69	ppb
Lead	208-1	26.24	26.18	26.05	26.16	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	9492.57	9397.40	9437.69	9442.55	0.51	ppb
Manganese	55-2	230.21	231.77	231.36	231.11	0.35	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07AREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434AREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 12:04:12	DataFile Name :	034SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	34.41	33.27	33.08	33.59	2.13	ppb
Molybdenum	95-1	54.11	53.65	52.10	53.29	1.97	ppb
Molybdenum	96-1	48.74	47.89	46.47	47.70	2.40	ppb
Molybdenum	97-1	54.15	54.03	51.98	53.39	2.29	ppb
Molybdenum	98-1	53.23	53.27	50.75	52.42	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.49	29.43	29.12	29.35	0.67	ppb
Phosphorus	31-2	-1.70	0.49	-0.93	-0.72		ppb
Potassium	39-2	2224.18	2224.30	2219.09	2222.53	0.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	27.10	30.66	24.69	27.48	10.92	ppb
Selenium	78-2	27.99	29.82	27.05	28.28	4.98	ppb
Selenium	82-1	27.51	28.60	27.78	27.96	2.04	ppb
Silicon	28-1	629.46	622.32	635.30	629.03	1.03	ppb
Silver	109-1	12.67	12.96	12.83	12.82	1.16	ppb
Silver	107-1	12.80	12.98	12.89	12.89	0.68	ppb
Sodium	23-2	23420.65	23474.78	23386.81	23427.41	0.19	ppb
Strontium	86-1	162.78	161.15	160.01	161.31	0.86	ppb
Strontium	88-1	167.17	164.65	163.06	164.96	1.26	ppb
Sulfur	34-1	349.70	355.63	525.88	410.40	24.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.59	25.42	25.11	25.37	0.97	ppb
Thallium	205-1	26.11	26.16	25.58	25.95	1.25	ppb
Tin	118-1	51.62	52.16	51.71	51.83	0.56	ppb
Titanium	47-1	51.50	52.29	52.34	52.05	0.91	ppb
Uranium	238-1	24.79	24.47	24.61	24.62	0.65	ppb
Vanadium	51-2	27.33	27.22	27.08	27.21	0.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	56.64	57.54	56.90	57.03	0.81	ppb
Zirconium	90-1	25.77	25.12	25.30	25.40	1.32	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07AREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434AREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 12:04:12	DataFile Name :	034SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	26.00	25.09	24.81	25.30	2.46	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:07:39	DataFile Name :	035CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9612.44	9582.25	9568.22	9587.64	0.24	ppb
Antimony	121-1	507.05	498.71	497.12	500.96	1.07	ppb
Arsenic	75-2	507.37	507.75	508.02	507.71	0.06	ppb
Barium	135-1	2566.17	2539.61	2550.50	2552.09	0.52	ppb
Barium	137-1	2556.20	2533.71	2543.08	2544.33	0.44	ppb
Beryllium	9-1	485.50	485.97	491.02	487.50	0.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	483.45	477.19	494.48	485.04	1.80	ppb
Boron	11-1	475.18	480.65	490.94	482.26	1.66	ppb
Cadmium	111-1	507.85	504.43	503.92	505.40	0.42	ppb
Cadmium	106-1	507.73	510.16	504.79	507.56	0.53	ppb
Cadmium	108-1	507.74	501.25	507.41	505.47	0.72	ppb
Calcium	43-1	48931.57	48899.78	48722.02	48851.12	0.23	ppb
Calcium	44-1	49580.57	50031.88	49784.45	49798.97	0.45	ppb
Chromium	52-2	516.31	513.74	511.27	513.77	0.49	ppb
Cobalt	59-2	524.62	522.72	519.96	522.43	0.45	ppb
Copper	63-2	1077.14	1062.27	1073.39	1070.93	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26454.76	26431.84	26151.79	26346.13	0.64	ppb
Iron	57-2	25937.99	25677.24	25550.77	25722.00	0.77	ppb
Lead	206-1	501.21	506.51	506.08	504.60	0.58	ppb
Lead	207-1	485.53	489.91	488.27	487.90	0.45	ppb
Lead	208-1	496.45	502.97	504.18	501.20	0.83	ppb
Lithium	6-1						%
Magnesium	24-2	51619.77	51209.42	51224.45	51351.22	0.45	ppb
Manganese	55-2	1032.59	1029.60	1022.46	1028.22	0.51	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:07:39	DataFile Name :	035CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	514.62	507.66	515.72	512.67	0.85	ppb
Molybdenum	95-1	507.94	499.17	508.91	505.34	1.06	ppb
Molybdenum	96-1	497.51	491.25	503.61	497.46	1.24	ppb
Molybdenum	97-1	505.24	501.00	506.92	504.39	0.60	ppb
Molybdenum	98-1	511.70	507.50	511.18	510.13	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.81	524.82	521.98	524.20	0.38	ppb
Phosphorus	31-2	10348.57	10028.32	10245.53	10207.47	1.60	ppb
Potassium	39-2	24857.97	24768.41	24708.51	24778.30	0.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	510.45	510.59	514.30	511.78	0.43	ppb
Selenium	78-2	509.36	506.32	511.11	508.93	0.48	ppb
Selenium	82-1	515.06	510.42	520.09	515.19	0.94	ppb
Silicon	28-1	499.58	503.39	506.44	503.13	0.68	ppb
Silver	109-1	516.80	511.16	508.15	512.04	0.86	ppb
Silver	107-1	515.60	513.09	514.75	514.48	0.25	ppb
Sodium	23-2	51661.00	51428.94	51856.71	51648.88	0.41	ppb
Strontium	86-1	505.90	500.43	505.39	503.91	0.60	ppb
Strontium	88-1	514.47	510.77	512.41	512.55	0.36	ppb
Sulfur	34-1	10399.78	10287.96	9987.66	10225.13	2.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.05	506.64	503.29	502.66	0.86	ppb
Thallium	205-1	502.90	506.05	505.53	504.83	0.33	ppb
Tin	118-1	505.04	504.74	510.53	506.77	0.64	ppb
Titanium	47-1	505.20	502.62	501.90	503.24	0.34	ppb
Uranium	238-1	495.61	500.13	499.92	498.55	0.51	ppb
Vanadium	51-2	512.95	512.64	510.69	512.09	0.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1043.31	1042.39	1040.58	1042.09	0.13	ppb
Zirconium	90-1	505.31	504.29	514.15	507.92	1.07	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:07:39	DataFile Name :	035CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.28	495.60	504.37	499.75	0.88	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:16:21	DataFile Name :	036CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.07	-0.10	-0.06		ppb
Antimony	121-1	0.52	0.68	0.92	0.71	27.84	ppb
Arsenic	75-2	0.12	0.13	0.13	0.13	4.18	ppb
Barium	135-1	-0.07	-0.07	-0.08	-0.07		ppb
Barium	137-1	-0.05	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	0.04	0.01	0.04	0.03	54.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.36	5.77	6.13	6.09	4.87	ppb
Boron	11-1	6.65	6.19	6.50	6.45	3.63	ppb
Cadmium	111-1	-0.07	-0.14	-0.07	-0.10		ppb
Cadmium	106-1	-0.88	-1.80	-0.87	-1.18		ppb
Cadmium	108-1	0.01	0.05	0.05	0.04	61.15	ppb
Calcium	43-1	0.47	-3.22	-1.52	-1.42		ppb
Calcium	44-1	-3.71	-2.59	-3.31	-3.20		ppb
Chromium	52-2	-0.01	0.02	0.01	0.01	268.08	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.48	0.51	0.43	0.47	8.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.39	-0.35	-0.38	-0.38		ppb
Iron	57-2	-0.62	-0.28	-0.74	-0.55		ppb
Lead	206-1	0.06	0.03	0.06	0.05	35.68	ppb
Lead	207-1	0.07	0.07	0.05	0.06	20.61	ppb
Lead	208-1	0.05	0.04	0.04	0.04	8.77	ppb
Lithium	6-1						%
Magnesium	24-2	0.54	0.17	0.28	0.33	58.97	ppb
Manganese	55-2	-0.03	-0.03	-0.03	-0.03		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:16:21	DataFile Name :	036CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.10	0.07	34.08	ppb
Molybdenum	95-1	0.11	0.20	0.24	0.18	38.05	ppb
Molybdenum	96-1	0.13	0.16	0.18	0.16	15.17	ppb
Molybdenum	97-1	0.10	0.20	0.25	0.18	42.77	ppb
Molybdenum	98-1	0.13	0.20	0.23	0.19	27.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.10	-0.11	-0.10		ppb
Phosphorus	31-2	8.50	-0.78	-7.27	0.15	5253.02	ppb
Potassium	39-2	6.78	3.77	3.85	4.80	35.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	0.11	-0.51	-0.22	-0.21		ppb
Selenium	82-1	1.35	0.36	0.55	0.76	69.60	ppb
Silicon	28-1	-8.10	-7.63	-7.74	-7.82		ppb
Silver	109-1	0.03	0.03	0.02	0.03	9.90	ppb
Silver	107-1	0.03	0.02	0.02	0.03	18.74	ppb
Sodium	23-2	24.38	23.34	24.56	24.09	2.73	ppb
Strontium	86-1	0.15	-0.01	-0.06	0.03	386.82	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	51.98	1.29	84.25	45.84	91.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.00	111.01	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	459.40	ppb
Tin	118-1	0.07	0.09	0.12	0.09	26.64	ppb
Titanium	47-1	-0.18	-0.18	-0.18	-0.18		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	173.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.12	-0.17	-0.17	-0.15		ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	28.03	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:16:21	DataFile Name :	036CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	55.43	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BL	Instrumnet Name :	P7
Client Sample ID :	PB98743BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:18:46	DataFile Name :	037SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.15	0.07	-0.06		ppb
Antimony	121-1	0.09	0.18	0.22	0.16	39.13	ppb
Arsenic	75-2	0.00	0.01	0.02	0.01	99.52	ppb
Barium	135-1	-0.08	-0.09	-0.08	-0.08		ppb
Barium	137-1	-0.07	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.48	-0.39	-0.06	-0.31		ppb
Boron	11-1	-0.09	-0.02	-0.12	-0.08		ppb
Cadmium	111-1	-0.10	-0.07	-0.10	-0.09		ppb
Cadmium	106-1	-1.19	-0.85	-1.23	-1.09		ppb
Cadmium	108-1	0.00	-0.02	0.01	0.00		ppb
Calcium	43-1	-2.44	-1.52	-4.04	-2.66		ppb
Calcium	44-1	-4.51	-5.94	-5.80	-5.42		ppb
Chromium	52-2	-0.01	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.22	0.22	0.17	0.20	13.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.71	-0.76	-0.86	-0.78		ppb
Iron	57-2	-0.82	-1.35	0.08	-0.70		ppb
Lead	206-1	-0.01	-0.01	-0.03	-0.02		ppb
Lead	207-1	-0.02	-0.02	-0.01	-0.01		ppb
Lead	208-1	-0.03	-0.02	-0.02	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	0.20	0.02	0.03	0.08	120.77	ppb
Manganese	55-2	-0.07	-0.07	-0.08	-0.07		ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BL	Instrumnet Name :	P7
Client Sample ID :	PB98743BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:18:46	DataFile Name :	037SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	0.02	0.01	100.17	ppb
Molybdenum	95-1	0.01	0.03	0.05	0.03	72.88	ppb
Molybdenum	96-1	0.01	0.01	0.05	0.02	77.63	ppb
Molybdenum	97-1	0.02	0.04	0.08	0.04	68.96	ppb
Molybdenum	98-1	0.02	0.03	0.05	0.03	46.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.12	-0.14	-0.12		ppb
Phosphorus	31-2	-2.54	5.68	11.07	4.74	144.65	ppb
Potassium	39-2	5.64	4.14	7.47	5.75	29.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.37	-0.72	0.00	-0.36		ppb
Selenium	82-1	0.62	1.01	0.26	0.63	58.81	ppb
Silicon	28-1	-9.11	-9.04	-7.98	-8.71		ppb
Silver	109-1	0.00	0.00	0.00	0.00	57.95	ppb
Silver	107-1	0.00	0.00	0.00	0.00	970.16	ppb
Sodium	23-2	3.68	5.80	2.55	4.01	41.17	ppb
Strontium	86-1	-0.02	-0.07	0.01	-0.02		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	834.65	858.02	811.21	834.63	2.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	-0.22	-0.24	-0.23	-0.23		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.15	-0.16	-0.03	-0.11		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BL	Instrumnet Name :	P7
Client Sample ID :	PB98743BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:18:46	DataFile Name :	037SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BS	Instrumnet Name :	P7
Client Sample ID :	PB98743BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:22:15	DataFile Name :	038SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.62	8.24	7.80	7.55	11.09	ppb
Antimony	121-1	-0.04	-0.02	-0.01	-0.02		ppb
Arsenic	75-2	0.01	-0.01	0.02	0.01	176.17	ppb
Barium	135-1	-0.07	-0.06	-0.04	-0.06		ppb
Barium	137-1	-0.05	-0.05	-0.04	-0.04		ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.52	-0.71	-0.45	-0.56		ppb
Boron	11-1	-0.09	-0.23	-0.28	-0.20		ppb
Cadmium	111-1	-0.05	-0.04	-0.11	-0.06		ppb
Cadmium	106-1	-0.52	-0.40	-1.33	-0.75		ppb
Cadmium	108-1	0.01	0.00	0.00	0.00	266.56	ppb
Calcium	43-1	3.80	1.71	1.15	2.22	62.72	ppb
Calcium	44-1	-1.90	-1.73	-1.94	-1.86		ppb
Chromium	52-2	0.02	0.04	0.04	0.03	31.75	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.28	0.26	0.28	0.27	3.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.81	1.81	1.83	1.81	0.65	ppb
Iron	57-2	2.18	2.31	2.55	2.34	8.02	ppb
Lead	206-1	509.14	495.73	509.91	504.93	1.58	ppb
Lead	207-1	490.79	493.66	489.44	491.30	0.44	ppb
Lead	208-1	505.32	503.42	506.63	505.12	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	-0.05	0.25	0.27	0.16	112.46	ppb
Manganese	55-2	-0.03	-0.01	-0.02	-0.02		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BS	Instrumnet Name :	P7
Client Sample ID :	PB98743BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:22:15	DataFile Name :	038SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.02	0.01	150.97	ppb
Molybdenum	95-1	0.00	0.02	0.03	0.02	78.32	ppb
Molybdenum	96-1	0.01	0.01	0.04	0.02	90.61	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	52.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.10	-0.10	-0.10		ppb
Phosphorus	31-2	-12.29	1.62	5.94	-1.57		ppb
Potassium	39-2	8.80	11.67	4.92	8.47	40.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.11	-0.18	-0.18	-0.08		ppb
Selenium	78-2	-0.19	-0.29	-0.77	-0.42		ppb
Selenium	82-1	0.63	-0.29	1.84	0.73	146.83	ppb
Silicon	28-1	-7.83	-8.34	-7.13	-7.76		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	8.44	7.46	10.19	8.70	15.90	ppb
Strontium	86-1	-0.03	0.10	0.04	0.04	174.39	ppb
Strontium	88-1	0.00	0.01	0.01	0.00	68.99	ppb
Sulfur	34-1	928.08	786.13	954.15	889.45	10.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.03	0.03	0.03	9.42	ppb
Titanium	47-1	-0.16	-0.20	-0.21	-0.19		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.00	0.81	0.79	0.86	13.39	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BS	Instrumnet Name :	P7
Client Sample ID :	PB98743BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:22:15	DataFile Name :	038SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-01	Instrumnet Name :	P7
Client Sample ID :	DC32521-01-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:25:44	DataFile Name :	039SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.81	12.25	13.06	13.04	6.01	ppb
Antimony	121-1	-0.03	-0.02	0.00	-0.01		ppb
Arsenic	75-2	0.31	0.31	0.31	0.31	0.21	ppb
Barium	135-1	17.15	16.90	16.97	17.01	0.74	ppb
Barium	137-1	17.43	17.12	17.23	17.26	0.90	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.88	4.23	4.31	4.14	5.55	ppb
Boron	11-1	4.48	4.89	4.42	4.60	5.58	ppb
Cadmium	111-1	-0.10	-0.11	-0.14	-0.12		ppb
Cadmium	106-1	-1.13	-1.43	-1.72	-1.43		ppb
Cadmium	108-1	0.14	0.02	0.04	0.07	98.40	ppb
Calcium	43-1	6383.58	6389.95	6329.15	6367.56	0.52	ppb
Calcium	44-1	6477.34	6443.92	6474.23	6465.16	0.29	ppb
Chromium	52-2	0.05	0.04	0.05	0.05	8.95	ppb
Cobalt	59-2	0.15	0.18	0.14	0.16	13.75	ppb
Copper	63-2	122.28	122.72	122.85	122.62	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.73	18.64	20.25	19.20	4.71	ppb
Iron	57-2	18.35	20.67	20.71	19.91	6.78	ppb
Lead	206-1	0.40	0.40	0.39	0.40	0.90	ppb
Lead	207-1	0.38	0.33	0.34	0.35	7.36	ppb
Lead	208-1	0.38	0.37	0.35	0.37	3.62	ppb
Lithium	6-1						%
Magnesium	24-2	1708.00	1688.51	1680.93	1692.48	0.82	ppb
Manganese	55-2	9.92	10.02	9.78	9.91	1.21	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-01	Instrumnet Name :	P7
Client Sample ID :	DC32521-01-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:25:44	DataFile Name :	039SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.07	0.06	11.08	ppb
Molybdenum	95-1	0.03	0.04	0.05	0.04	16.28	ppb
Molybdenum	96-1	0.03	0.06	0.05	0.05	28.89	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	27.10	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	19.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.09	55.49	55.70	55.43	0.56	ppb
Phosphorus	31-2	652.86	681.77	678.95	671.19	2.38	ppb
Potassium	39-2	603.15	618.11	603.01	608.09	1.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.37	-0.18	-0.18	0.01	5986.38	ppb
Selenium	78-2	-1.08	-0.31	-0.76	-0.72		ppb
Selenium	82-1	2.09	-0.33	-0.01	0.58	225.44	ppb
Silicon	28-1	865.23	882.05	865.61	870.96	1.10	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	326.80	ppb
Sodium	23-2	10592.01	10551.71	10486.97	10543.56	0.50	ppb
Strontium	86-1	22.72	22.05	22.16	22.31	1.59	ppb
Strontium	88-1	22.66	22.51	22.41	22.53	0.56	ppb
Sulfur	34-1	1699.24	1788.09	1830.08	1772.47	3.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.01	0.01	0.02	0.01	64.79	ppb
Titanium	47-1	0.22	0.29	0.32	0.28	17.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	475.24	ppb
Vanadium	51-2	0.06	0.04	0.04	0.05	22.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	245.64	246.41	246.26	246.10	0.17	ppb
Zirconium	90-1	0.06	0.06	0.07	0.06	11.67	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-01	Instrumnet Name :	P7
Client Sample ID :	DC32521-01-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:25:44	DataFile Name :	039SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.07	0.09	0.07	27.28	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-02	Instrumnet Name :	P7
Client Sample ID :	DC32521-02-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:29:11	DataFile Name :	040SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.52	16.48	15.66	16.88	8.73	ppb
Antimony	121-1	-0.03	-0.04	-0.01	-0.02		ppb
Arsenic	75-2	0.22	0.25	0.29	0.25	12.81	ppb
Barium	135-1	16.52	16.56	16.83	16.64	1.00	ppb
Barium	137-1	16.74	16.83	16.73	16.76	0.32	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.80	4.13	4.80	4.24	12.03	ppb
Boron	11-1	4.49	4.65	4.55	4.56	1.70	ppb
Cadmium	111-1	-0.07	-0.09	-0.14	-0.10		ppb
Cadmium	106-1	-0.83	-1.09	-1.73	-1.22		ppb
Cadmium	108-1	0.07	0.05	0.02	0.05	53.92	ppb
Calcium	43-1	6309.37	6288.28	6275.76	6291.14	0.27	ppb
Calcium	44-1	6384.63	6353.20	6337.80	6358.55	0.38	ppb
Chromium	52-2	0.02	-0.01	0.00	0.00	599.50	ppb
Cobalt	59-2	0.17	0.15	0.15	0.16	6.86	ppb
Copper	63-2	94.50	94.60	94.63	94.58	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	23.34	23.32	39.16	28.61	31.95	ppb
Iron	57-2	23.86	24.04	23.41	23.77	1.36	ppb
Lead	206-1	0.55	0.52	0.54	0.53	2.81	ppb
Lead	207-1	0.52	0.48	0.49	0.50	4.10	ppb
Lead	208-1	0.52	0.50	0.51	0.51	1.87	ppb
Lithium	6-1						%
Magnesium	24-2	1711.28	1692.76	1697.15	1700.40	0.57	ppb
Manganese	55-2	12.64	12.73	12.50	12.62	0.96	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-02	Instrumnet Name :	P7
Client Sample ID :	DC32521-02-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:29:11	DataFile Name :	040SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.05	0.05	9.73	ppb
Molybdenum	95-1	0.03	0.04	0.05	0.04	16.99	ppb
Molybdenum	96-1	0.04	0.04	0.02	0.03	20.56	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.04	32.78	ppb
Molybdenum	98-1	0.02	0.04	0.05	0.04	30.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.01	1.00	0.99	3.08	ppb
Phosphorus	31-2	712.05	710.54	653.60	692.06	4.81	ppb
Potassium	39-2	613.45	622.37	599.42	611.74	1.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	0.10	0.39	0.20	82.62	ppb
Selenium	78-2	-0.76	-0.69	-0.47	-0.64		ppb
Selenium	82-1	0.65	0.79	1.23	0.89	33.58	ppb
Silicon	28-1	846.50	832.06	847.43	842.00	1.02	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	607.23	ppb
Sodium	23-2	10364.27	10370.63	10365.88	10366.92	0.03	ppb
Strontium	86-1	22.02	21.96	21.83	21.94	0.46	ppb
Strontium	88-1	22.42	22.13	22.24	22.26	0.66	ppb
Sulfur	34-1	1532.74	1600.20	1744.74	1625.90	6.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.01	0.01	0.01	9.49	ppb
Titanium	47-1	0.44	0.33	0.49	0.42	20.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	205.02	ppb
Vanadium	51-2	0.03	0.06	0.05	0.05	26.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	54.67	54.68	53.35	54.23	1.40	ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	22.11	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-02	Instrumnet Name :	P7
Client Sample ID :	DC32521-02-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:29:11	DataFile Name :	040SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.03	0.03	0.06	92.73	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-03	Instrumnet Name :	P7
Client Sample ID :	DC32521-03-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:32:39	DataFile Name :	041SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.33	18.35	17.92	17.53	6.06	ppb
Antimony	121-1	-0.03	-0.02	-0.03	-0.03		ppb
Arsenic	75-2	0.33	0.32	0.32	0.32	1.49	ppb
Barium	135-1	17.62	17.76	17.45	17.61	0.86	ppb
Barium	137-1	18.00	17.66	17.95	17.87	1.03	ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.07	4.36	4.00	4.14	4.62	ppb
Boron	11-1	4.61	4.38	4.46	4.48	2.60	ppb
Cadmium	111-1	-0.07	-0.06	-0.12	-0.08		ppb
Cadmium	106-1	-0.87	-0.82	-1.40	-1.03		ppb
Cadmium	108-1	0.05	0.09	0.14	0.09	50.41	ppb
Calcium	43-1	6414.45	6234.37	6213.22	6287.35	1.76	ppb
Calcium	44-1	6418.88	6395.88	6374.99	6396.59	0.34	ppb
Chromium	52-2	0.01	0.02	0.03	0.02	45.85	ppb
Cobalt	59-2	0.17	0.15	0.16	0.16	6.54	ppb
Copper	63-2	142.25	142.01	140.82	141.69	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	31.81	31.96	30.99	31.59	1.65	ppb
Iron	57-2	35.46	32.47	31.06	33.00	6.81	ppb
Lead	206-1	0.66	0.63	0.67	0.65	2.74	ppb
Lead	207-1	0.62	0.58	0.60	0.60	2.71	ppb
Lead	208-1	0.64	0.63	0.62	0.63	1.82	ppb
Lithium	6-1						%
Magnesium	24-2	1636.74	1626.80	1622.09	1628.54	0.46	ppb
Manganese	55-2	20.52	20.60	20.37	20.50	0.58	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-03	Instrumnet Name :	P7
Client Sample ID :	DC32521-03-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:32:39	DataFile Name :	041SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.03	0.03	1.15	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	27.20	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	22.84	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	21.63	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	9.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.15	36.70	36.28	36.38	0.80	ppb
Phosphorus	31-2	729.26	734.31	674.23	712.60	4.68	ppb
Potassium	39-2	617.82	618.39	616.04	617.42	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.81	-0.10	0.19	-0.24		ppb
Selenium	82-1	0.91	0.38	1.45	0.91	58.52	ppb
Silicon	28-1	884.68	826.63	823.32	844.88	4.08	ppb
Silver	109-1	0.00	0.00	0.00	0.00	22.24	ppb
Silver	107-1	0.00	0.00	0.01	0.00	314.52	ppb
Sodium	23-2	10474.13	10419.84	10361.18	10418.39	0.54	ppb
Strontium	86-1	22.23	22.18	22.32	22.24	0.30	ppb
Strontium	88-1	22.43	22.54	22.39	22.45	0.35	ppb
Sulfur	34-1	1942.52	1783.69	1900.81	1875.67	4.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.01	0.02	0.02	53.51	ppb
Titanium	47-1	0.36	0.38	0.36	0.37	4.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	42.10	ppb
Vanadium	51-2	0.06	0.06	0.05	0.05	5.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	232.64	235.40	230.34	232.79	1.09	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	22.27	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-03	Instrumnet Name :	P7
Client Sample ID :	DC32521-03-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:32:39	DataFile Name :	041SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.02	0.03	55.69	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-04	Instrumnet Name :	P7
Client Sample ID :	DC32521-04-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:36:06	DataFile Name :	042SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.24	11.71	18.90	14.95	24.40	ppb
Antimony	121-1	-0.04	-0.03	-0.03	-0.04		ppb
Arsenic	75-2	0.28	0.20	0.28	0.25	18.41	ppb
Barium	135-1	17.36	16.93	17.19	17.16	1.27	ppb
Barium	137-1	17.33	16.79	17.32	17.15	1.82	ppb
Beryllium	9-1	-0.01	-0.03	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.03	4.45	3.94	4.14	6.65	ppb
Boron	11-1	4.37	4.29	4.45	4.37	1.87	ppb
Cadmium	111-1	-0.13	-0.08	-0.02	-0.08		ppb
Cadmium	106-1	-1.70	-1.00	-0.24	-0.98		ppb
Cadmium	108-1	0.01	0.05	-0.02	0.01	243.17	ppb
Calcium	43-1	6260.24	6254.33	6303.92	6272.83	0.43	ppb
Calcium	44-1	6391.46	6328.22	6400.26	6373.32	0.62	ppb
Chromium	52-2	-0.03	-0.06	-0.07	-0.05		ppb
Cobalt	59-2	0.07	0.07	0.08	0.07	7.02	ppb
Copper	63-2	79.71	80.44	80.41	80.19	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.39	20.25	22.38	21.01	5.66	ppb
Iron	57-2	24.02	27.56	26.13	25.90	6.87	ppb
Lead	206-1	0.28	0.28	0.27	0.27	1.68	ppb
Lead	207-1	0.25	0.25	0.25	0.25	1.18	ppb
Lead	208-1	0.26	0.26	0.27	0.26	1.43	ppb
Lithium	6-1						%
Magnesium	24-2	1607.15	1624.40	1615.66	1615.74	0.53	ppb
Manganese	55-2	10.73	10.84	10.87	10.81	0.66	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-04	Instrumnet Name :	P7
Client Sample ID :	DC32521-04-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:36:06	DataFile Name :	042SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	38.65	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	15.61	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.04	13.84	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	9.25	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.03	20.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.60	0.60	0.61	1.67	ppb
Phosphorus	31-2	734.60	756.19	746.69	745.83	1.45	ppb
Potassium	39-2	614.25	608.33	607.74	610.11	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.76	-0.85	0.09	-0.51		ppb
Selenium	82-1	1.04	1.48	1.81	1.44	26.67	ppb
Silicon	28-1	825.13	818.83	832.29	825.42	0.82	ppb
Silver	109-1	0.00	0.00	0.00	0.00	189.68	ppb
Silver	107-1	0.00	0.00	0.00	0.00	24731.78	ppb
Sodium	23-2	10355.18	10311.41	10320.67	10329.09	0.22	ppb
Strontium	86-1	21.78	21.63	22.02	21.81	0.90	ppb
Strontium	88-1	22.23	22.50	22.24	22.32	0.68	ppb
Sulfur	34-1	1622.83	1687.98	1921.38	1744.06	9.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.01	-0.02	0.00	-0.01		ppb
Titanium	47-1	0.36	0.29	0.60	0.42	38.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	31.13	ppb
Vanadium	51-2	0.05	0.06	0.05	0.05	12.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	43.65	43.28	43.85	43.59	0.66	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	14.04	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-04	Instrumnet Name :	P7
Client Sample ID :	DC32521-04-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:36:06	DataFile Name :	042SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	47.80	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-05	Instrumnet Name :	P7
Client Sample ID :	DC32521-05-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:41:10	DataFile Name :	043SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.53	9.74	19.26	12.51	46.99	ppb
Antimony	121-1	-0.02	0.00	-0.02	-0.01		ppb
Arsenic	75-2	0.27	0.27	0.22	0.25	9.75	ppb
Barium	135-1	16.33	16.46	15.82	16.20	2.07	ppb
Barium	137-1	16.56	16.64	16.23	16.47	1.32	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.46	3.12	3.39	3.32	5.30	ppb
Boron	11-1	3.70	3.73	3.76	3.73	0.68	ppb
Cadmium	111-1	-0.17	-0.11	-0.13	-0.13		ppb
Cadmium	106-1	-2.09	-1.36	-1.59	-1.68		ppb
Cadmium	108-1	0.02	0.00	0.05	0.02	116.75	ppb
Calcium	43-1	6216.18	6189.97	6248.71	6218.28	0.47	ppb
Calcium	44-1	6316.14	6280.90	6300.81	6299.28	0.28	ppb
Chromium	52-2	0.02	0.01	-0.02	0.00	2208.98	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	604.18	606.08	604.82	605.02	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	17.65	19.65	18.16	18.49	5.64	ppb
Iron	57-2	17.98	20.41	19.06	19.15	6.35	ppb
Lead	206-1	0.03	0.02	0.02	0.02	26.26	ppb
Lead	207-1	0.02	0.04	0.03	0.03	30.03	ppb
Lead	208-1	0.03	0.03	0.03	0.03	8.61	ppb
Lithium	6-1						%
Magnesium	24-2	1459.62	1447.30	1465.29	1457.40	0.63	ppb
Manganese	55-2	7.11	7.25	7.27	7.21	1.20	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-05	Instrumnet Name :	P7
Client Sample ID :	DC32521-05-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:41:10	DataFile Name :	043SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	16.40	ppb
Molybdenum	95-1	0.01	0.04	0.02	0.02	43.79	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.03	40.50	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.04	20.47	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.15	0.16	0.14	17.51	ppb
Phosphorus	31-2	683.92	684.40	652.35	673.56	2.73	ppb
Potassium	39-2	581.74	584.82	583.97	583.51	0.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	-0.18	-0.18	-0.08		ppb
Selenium	78-2	-0.15	-0.72	0.46	-0.14		ppb
Selenium	82-1	0.53	0.57	0.29	0.47	32.41	ppb
Silicon	28-1	790.80	795.97	809.50	798.76	1.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.62	ppb
Silver	107-1	0.01	0.01	0.00	0.01	57.49	ppb
Sodium	23-2	10035.25	10023.58	10092.85	10050.56	0.37	ppb
Strontium	86-1	21.54	21.42	21.51	21.49	0.31	ppb
Strontium	88-1	21.66	21.85	21.65	21.72	0.53	ppb
Sulfur	34-1	1726.08	1731.52	1915.68	1791.09	6.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.01	0.01	0.01	47.51	ppb
Titanium	47-1	0.34	0.36	0.38	0.36	6.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	12.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	78.20	79.85	78.33	78.79	1.16	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	29.59	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-05	Instrumnet Name :	P7
Client Sample ID :	DC32521-05-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:41:10	DataFile Name :	043SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.02	75.69	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-06	Instrumnet Name :	P7
Client Sample ID :	DC32521-06-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:44:38	DataFile Name :	044SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.84	21.26	20.23	19.77	8.87	ppb
Antimony	121-1	-0.04	-0.05	-0.05	-0.05		ppb
Arsenic	75-2	0.29	0.30	0.29	0.29	2.50	ppb
Barium	135-1	17.32	17.84	17.29	17.48	1.79	ppb
Barium	137-1	17.59	17.53	17.44	17.52	0.43	ppb
Beryllium	9-1	-0.01	-0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.67	3.51	3.92	3.70	5.54	ppb
Boron	11-1	3.57	3.48	3.70	3.58	3.06	ppb
Cadmium	111-1	-0.14	-0.13	-0.13	-0.14		ppb
Cadmium	106-1	-1.79	-1.69	-1.67	-1.72		ppb
Cadmium	108-1	0.06	-0.02	-0.03	0.01	969.34	ppb
Calcium	43-1	6272.94	6280.31	6276.91	6276.72	0.06	ppb
Calcium	44-1	6473.36	6453.02	6485.86	6470.75	0.26	ppb
Chromium	52-2	0.07	0.05	0.03	0.05	43.37	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	422.65	425.18	421.95	423.26	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	36.52	33.72	33.26	34.50	5.10	ppb
Iron	57-2	32.67	32.49	36.75	33.97	7.10	ppb
Lead	206-1	0.09	0.10	0.10	0.09	8.15	ppb
Lead	207-1	0.11	0.09	0.07	0.09	18.16	ppb
Lead	208-1	0.10	0.10	0.08	0.09	10.71	ppb
Lithium	6-1						%
Magnesium	24-2	1497.88	1507.92	1510.96	1505.59	0.45	ppb
Manganese	55-2	11.49	11.65	11.48	11.54	0.81	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-06	Instrumnet Name :	P7
Client Sample ID :	DC32521-06-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:44:38	DataFile Name :	044SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.04	0.03	17.92	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	18.72	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	9.44	ppb
Molybdenum	97-1	0.01	0.03	0.05	0.03	74.08	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	28.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.20	0.18	0.19	4.22	ppb
Phosphorus	31-2	726.53	714.50	653.38	698.13	5.62	ppb
Potassium	39-2	593.74	596.85	579.73	590.11	1.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.11	-0.18	-0.18	-0.08		ppb
Selenium	78-2	-0.73	-0.32	-0.86	-0.64		ppb
Selenium	82-1	0.58	0.25	0.51	0.45	38.57	ppb
Silicon	28-1	920.97	871.23	877.83	890.01	3.04	ppb
Silver	109-1	0.01	0.00	0.01	0.01	63.58	ppb
Silver	107-1	0.00	0.00	0.00	0.00	216.12	ppb
Sodium	23-2	10047.92	10139.95	10012.32	10066.73	0.65	ppb
Strontium	86-1	22.54	21.81	22.06	22.14	1.69	ppb
Strontium	88-1	22.59	22.43	22.30	22.44	0.65	ppb
Sulfur	34-1	1414.55	1554.54	1676.20	1548.43	8.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	0.04	0.04	0.04	13.09	ppb
Titanium	47-1	0.44	2.65	0.38	1.16	111.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.53	ppb
Vanadium	51-2	0.06	0.06	0.07	0.06	13.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	41.69	42.40	42.02	42.04	0.84	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	5.13	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-06	Instrumnet Name :	P7
Client Sample ID :	DC32521-06-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:44:38	DataFile Name :	044SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.02	0.02	43.06	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-07	Instrumnet Name :	P7
Client Sample ID :	DC32521-07-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:48:06	DataFile Name :	045SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.20	9.56	11.63	10.80	10.10	ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	0.26	0.27	0.25	0.26	3.92	ppb
Barium	135-1	17.91	18.06	18.47	18.15	1.59	ppb
Barium	137-1	18.30	18.32	18.22	18.28	0.30	ppb
Beryllium	9-1	-0.01	-0.03	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.46	3.53	3.82	3.94	12.06	ppb
Boron	11-1	4.04	4.06	3.98	4.03	1.01	ppb
Cadmium	111-1	-0.15	-0.10	-0.07	-0.11		ppb
Cadmium	106-1	-2.13	-1.42	-1.02	-1.52		ppb
Cadmium	108-1	0.13	0.09	0.24	0.15	52.09	ppb
Calcium	43-1	6504.03	6407.26	6443.22	6451.50	0.76	ppb
Calcium	44-1	6579.36	6496.45	6526.61	6534.14	0.64	ppb
Chromium	52-2	-0.06	-0.07	-0.04	-0.06		ppb
Cobalt	59-2	0.04	0.06	0.05	0.05	16.30	ppb
Copper	63-2	256.75	255.28	255.96	256.00	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.76	14.25	13.84	14.28	3.21	ppb
Iron	57-2	15.86	16.81	13.56	15.41	10.84	ppb
Lead	206-1	0.89	0.92	0.90	0.90	1.20	ppb
Lead	207-1	0.84	0.86	0.85	0.85	0.88	ppb
Lead	208-1	0.86	0.89	0.89	0.88	1.76	ppb
Lithium	6-1						%
Magnesium	24-2	1569.10	1567.66	1561.22	1565.99	0.27	ppb
Manganese	55-2	6.81	6.05	6.12	6.32	6.63	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-07	Instrumnet Name :	P7
Client Sample ID :	DC32521-07-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:48:06	DataFile Name :	045SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.03	0.02	40.19	ppb
Molybdenum	95-1	0.03	0.00	0.02	0.02	82.35	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	20.46	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	36.34	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	28.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.40	36.67	35.86	36.31	1.14	ppb
Phosphorus	31-2	631.24	710.24	679.97	673.82	5.91	ppb
Potassium	39-2	594.11	588.73	588.11	590.32	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.10	-0.09		ppb
Selenium	78-2	-0.60	-0.29	-0.21	-0.36		ppb
Selenium	82-1	0.92	0.24	0.92	0.69	56.39	ppb
Silicon	28-1	835.40	815.24	823.76	824.80	1.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.27	ppb
Sodium	23-2	10317.17	10348.66	10215.75	10293.86	0.67	ppb
Strontium	86-1	22.84	22.84	22.65	22.77	0.49	ppb
Strontium	88-1	22.67	22.62	22.65	22.65	0.11	ppb
Sulfur	34-1	1449.01	1578.83	1575.58	1534.47	4.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.19	0.34	0.36	0.29	30.39	ppb
Titanium	47-1	0.25	0.27	0.21	0.24	10.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	137.72	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	8.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	779.71	775.38	774.82	776.64	0.34	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	18.98	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-07	Instrumnet Name :	P7
Client Sample ID :	DC32521-07-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:48:06	DataFile Name :	045SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	32.98	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-08	Instrumnet Name :	P7
Client Sample ID :	DC32521-08-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:51:34	DataFile Name :	046SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.32	15.14	10.99	12.48	18.48	ppb
Antimony	121-1	-0.03	-0.02	-0.03	-0.03		ppb
Arsenic	75-2	0.32	0.30	0.31	0.31	4.48	ppb
Barium	135-1	19.02	19.56	19.13	19.24	1.49	ppb
Barium	137-1	19.33	19.32	19.29	19.31	0.12	ppb
Beryllium	9-1	-0.01	-0.02	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.37	3.77	3.92	3.69	7.65	ppb
Boron	11-1	3.78	3.88	4.08	3.91	3.89	ppb
Cadmium	111-1	-0.12	-0.16	-0.07	-0.12		ppb
Cadmium	106-1	-1.45	-1.95	-0.93	-1.44		ppb
Cadmium	108-1	0.02	0.10	0.01	0.04	114.63	ppb
Calcium	43-1	6316.04	6297.57	6386.03	6333.21	0.74	ppb
Calcium	44-1	6514.13	6430.14	6395.23	6446.50	0.95	ppb
Chromium	52-2	-0.01	0.03	-0.01	0.00	2469.85	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	32.36	ppb
Copper	63-2	238.60	238.53	235.87	237.67	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.51	23.82	26.41	25.25	5.19	ppb
Iron	57-2	22.48	23.20	25.18	23.62	5.91	ppb
Lead	206-1	0.40	0.41	0.40	0.41	0.74	ppb
Lead	207-1	0.38	0.36	0.37	0.37	2.52	ppb
Lead	208-1	0.38	0.39	0.39	0.39	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	1554.07	1557.33	1546.49	1552.63	0.36	ppb
Manganese	55-2	12.34	12.45	12.53	12.44	0.78	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-08	Instrumnet Name :	P7
Client Sample ID :	DC32521-08-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:51:34	DataFile Name :	046SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	17.40	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	26.43	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	27.96	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	25.51	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	16.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.67	0.72	0.69	4.43	ppb
Phosphorus	31-2	793.92	743.07	736.13	757.71	4.16	ppb
Potassium	39-2	599.98	590.61	595.01	595.20	0.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	-0.18	0.10	0.01	2169.94	ppb
Selenium	78-2	-0.19	-0.17	-0.57	-0.31		ppb
Selenium	82-1	0.23	0.97	-0.30	0.30	211.74	ppb
Silicon	28-1	818.02	819.25	791.77	809.68	1.92	ppb
Silver	109-1	0.01	0.00	0.00	0.00	28.58	ppb
Silver	107-1	0.00	0.01	0.00	0.00	119.14	ppb
Sodium	23-2	10242.87	10330.51	10169.28	10247.55	0.79	ppb
Strontium	86-1	23.03	23.37	22.81	23.07	1.23	ppb
Strontium	88-1	23.16	23.07	22.91	23.05	0.54	ppb
Sulfur	34-1	1602.15	1453.59	1452.39	1502.71	5.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.09	1.16	1.03	1.09	5.87	ppb
Titanium	47-1	0.35	0.30	0.31	0.32	8.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	9.92	ppb
Vanadium	51-2	0.06	0.04	0.06	0.06	18.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	71.41	71.73	70.92	71.35	0.57	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	25.72	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-08	Instrumnet Name :	P7
Client Sample ID :	DC32521-08-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:51:34	DataFile Name :	046SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.03	0.02	116.68	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:55:02	DataFile Name :	047CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9873.66	9944.39	9992.83	9936.96	0.60	ppb
Antimony	121-1	506.92	510.48	505.18	507.53	0.53	ppb
Arsenic	75-2	510.19	512.45	512.55	511.73	0.26	ppb
Barium	135-1	2560.11	2567.50	2579.32	2568.98	0.38	ppb
Barium	137-1	2570.03	2558.54	2568.39	2565.65	0.24	ppb
Beryllium	9-1	477.22	479.93	480.26	479.14	0.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	452.71	466.55	460.20	459.82	1.51	ppb
Boron	11-1	454.99	459.60	460.10	458.23	0.61	ppb
Cadmium	111-1	513.05	515.58	519.29	515.97	0.61	ppb
Cadmium	106-1	513.68	511.79	518.97	514.81	0.72	ppb
Cadmium	108-1	510.37	517.42	516.11	514.63	0.73	ppb
Calcium	43-1	49941.80	49840.42	49383.67	49721.96	0.60	ppb
Calcium	44-1	50816.68	50571.72	50366.05	50584.82	0.45	ppb
Chromium	52-2	517.93	518.67	518.61	518.40	0.08	ppb
Cobalt	59-2	527.30	527.77	531.63	528.90	0.45	ppb
Copper	63-2	1040.04	1043.23	1047.41	1043.56	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26401.25	26652.57	26503.33	26519.05	0.48	ppb
Iron	57-2	26037.09	26208.53	26179.36	26141.66	0.35	ppb
Lead	206-1	498.85	496.90	494.32	496.69	0.46	ppb
Lead	207-1	498.56	495.87	495.31	496.58	0.35	ppb
Lead	208-1	507.71	506.89	504.15	506.25	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	51879.19	51960.37	52051.84	51963.80	0.17	ppb
Manganese	55-2	1048.24	1052.07	1048.30	1049.54	0.21	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:55:02	DataFile Name :	047CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	515.43	510.85	508.14	511.48	0.72	ppb
Molybdenum	95-1	511.54	508.52	508.93	509.66	0.32	ppb
Molybdenum	96-1	505.02	504.69	501.64	503.78	0.37	ppb
Molybdenum	97-1	510.88	511.41	509.95	510.75	0.14	ppb
Molybdenum	98-1	511.99	508.23	512.82	511.01	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.08	528.40	529.73	528.40	0.25	ppb
Phosphorus	31-2	10420.70	10432.77	10669.57	10507.68	1.34	ppb
Potassium	39-2	25406.73	25219.68	25360.07	25328.82	0.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.41	520.68	514.91	515.67	0.91	ppb
Selenium	78-2	518.89	523.00	518.32	520.07	0.49	ppb
Selenium	82-1	521.36	523.68	522.54	522.53	0.22	ppb
Silicon	28-1	520.71	515.87	513.79	516.79	0.69	ppb
Silver	109-1	518.65	518.43	523.03	520.04	0.50	ppb
Silver	107-1	512.29	514.30	519.20	515.26	0.69	ppb
Sodium	23-2	52435.09	52255.34	52780.53	52490.32	0.51	ppb
Strontium	86-1	510.95	511.81	514.80	512.52	0.39	ppb
Strontium	88-1	521.93	518.81	520.73	520.49	0.30	ppb
Sulfur	34-1	11541.76	11376.01	11426.83	11448.20	0.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.80	511.51	509.46	511.59	0.42	ppb
Thallium	205-1	514.71	512.45	512.63	513.26	0.24	ppb
Tin	118-1	507.87	517.25	509.47	511.53	0.98	ppb
Titanium	47-1	508.04	512.45	509.44	509.98	0.44	ppb
Uranium	238-1	501.79	494.64	496.48	497.64	0.75	ppb
Vanadium	51-2	515.31	516.61	519.14	517.02	0.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1062.02	1066.90	1066.18	1065.03	0.25	ppb
Zirconium	90-1	511.99	514.97	512.25	513.07	0.32	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:55:02	DataFile Name :	047CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.33	505.54	503.79	505.55	0.35	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:58:26	DataFile Name :	048CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.67	0.20	0.55	56.00	ppb
Antimony	121-1	1.53	1.77	1.94	1.75	11.68	ppb
Arsenic	75-2	0.57	0.53	0.66	0.59	11.85	ppb
Barium	135-1	0.02	0.02	-0.01	0.01	200.85	ppb
Barium	137-1	0.01	0.02	0.02	0.02	9.87	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	15.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.48	8.15	6.39	7.67	14.68	ppb
Boron	11-1	8.04	7.82	7.00	7.62	7.23	ppb
Cadmium	111-1	-0.01	-0.11	-0.02	-0.05		ppb
Cadmium	106-1	-0.32	-1.59	-0.37	-0.76		ppb
Cadmium	108-1	0.06	0.07	0.03	0.05	44.14	ppb
Calcium	43-1	0.16	3.09	-0.55	0.90	214.38	ppb
Calcium	44-1	-4.20	-4.13	-4.73	-4.35		ppb
Chromium	52-2	0.02	0.01	0.02	0.02	20.74	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.10	0.12	0.08	0.10	23.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.85	0.79	0.91	0.85	7.04	ppb
Iron	57-2	0.93	0.40	0.22	0.52	71.80	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	1036.22	ppb
Lead	207-1	0.03	0.01	0.02	0.02	50.23	ppb
Lead	208-1	0.01	0.00	0.00	0.00	218.82	ppb
Lithium	6-1						%
Magnesium	24-2	0.53	0.43	0.55	0.51	12.73	ppb
Manganese	55-2	-0.05	-0.03	-0.05	-0.05		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:58:26	DataFile Name :	048CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.25	0.33	0.26	28.16	ppb
Molybdenum	95-1	0.57	0.72	0.94	0.74	24.98	ppb
Molybdenum	96-1	0.47	0.58	0.76	0.61	24.35	ppb
Molybdenum	97-1	0.57	0.68	0.99	0.75	29.52	ppb
Molybdenum	98-1	0.55	0.69	0.93	0.72	26.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.11	-0.13	-0.11		ppb
Phosphorus	31-2	0.39	-1.78	2.51	0.37	577.61	ppb
Potassium	39-2	8.48	7.97	7.93	8.13	3.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.12	-0.18	-0.08		ppb
Selenium	78-2	0.87	-0.14	-0.14	0.20	296.46	ppb
Selenium	82-1	0.31	0.82	1.79	0.98	77.03	ppb
Silicon	28-1	-6.26	-5.96	-6.87	-6.36		ppb
Silver	109-1	0.03	0.02	0.02	0.02	19.54	ppb
Silver	107-1	0.03	0.02	0.03	0.02	26.00	ppb
Sodium	23-2	9.61	10.27	10.74	10.21	5.52	ppb
Strontium	86-1	0.03	0.17	0.10	0.10	70.98	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	60.41	ppb
Sulfur	34-1	429.26	756.56	562.91	582.91	28.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.08	0.07	0.08	16.85	ppb
Thallium	205-1	0.10	0.09	0.07	0.08	18.54	ppb
Tin	118-1	0.25	0.31	0.35	0.30	16.57	ppb
Titanium	47-1	-0.19	-0.23	-0.14	-0.19		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.23	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	62.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.15	-0.08	-0.11	-0.11		ppb
Zirconium	90-1	0.04	0.05	0.07	0.05	28.78	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:58:26	DataFile Name :	048CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.05	0.05	10.67	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-09	Instrumnet Name :	P7
Client Sample ID :	DC32521-09-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:01:56	DataFile Name :	049SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.11	9.99	13.35	11.48	14.93	ppb
Antimony	121-1	0.24	0.28	0.30	0.28	11.14	ppb
Arsenic	75-2	0.44	0.41	0.33	0.39	13.55	ppb
Barium	135-1	17.24	17.16	16.96	17.12	0.85	ppb
Barium	137-1	17.23	16.98	16.98	17.06	0.85	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	49.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.78	7.88	7.61	7.43	7.70	ppb
Boron	11-1	7.55	7.73	7.37	7.55	2.37	ppb
Cadmium	111-1	-0.04	-0.14	-0.08	-0.08		ppb
Cadmium	106-1	-0.65	-1.97	-1.08	-1.23		ppb
Cadmium	108-1	0.23	0.20	0.24	0.23	8.97	ppb
Calcium	43-1	6377.71	6391.51	6392.77	6387.33	0.13	ppb
Calcium	44-1	6481.88	6558.46	6545.06	6528.47	0.63	ppb
Chromium	52-2	0.24	0.11	0.29	0.21	44.51	ppb
Cobalt	59-2	0.16	0.16	0.17	0.16	1.53	ppb
Copper	63-2	223.87	224.26	225.02	224.39	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.18	18.89	19.89	19.32	2.66	ppb
Iron	57-2	29.73	20.03	19.90	23.22	24.28	ppb
Lead	206-1	0.83	0.86	0.84	0.84	1.52	ppb
Lead	207-1	0.76	0.80	0.77	0.78	2.43	ppb
Lead	208-1	0.81	0.81	0.80	0.81	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	1744.19	1736.54	1747.55	1742.76	0.32	ppb
Manganese	55-2	9.46	9.37	9.35	9.39	0.61	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-09	Instrumnet Name :	P7
Client Sample ID :	DC32521-09-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:01:56	DataFile Name :	049SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.17	0.20	0.18	8.99	ppb
Molybdenum	95-1	0.13	0.22	0.26	0.20	33.54	ppb
Molybdenum	96-1	0.15	0.16	0.25	0.19	27.88	ppb
Molybdenum	97-1	0.16	0.18	0.25	0.20	24.04	ppb
Molybdenum	98-1	0.16	0.20	0.27	0.21	25.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.39	2.32	2.38	2.12	ppb
Phosphorus	31-2	671.63	624.57	636.91	644.37	3.79	ppb
Potassium	39-2	626.24	628.23	628.19	627.55	0.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.10	-0.09		ppb
Selenium	78-2	0.51	-0.39	-0.14	-0.01		ppb
Selenium	82-1	1.20	0.48	0.39	0.69	63.78	ppb
Silicon	28-1	845.79	855.68	843.79	848.42	0.75	ppb
Silver	109-1	0.01	0.01	0.02	0.01	35.43	ppb
Silver	107-1	0.01	0.01	0.02	0.01	44.34	ppb
Sodium	23-2	10947.11	11020.91	10998.72	10988.91	0.34	ppb
Strontium	86-1	22.14	22.26	22.70	22.37	1.33	ppb
Strontium	88-1	22.79	22.91	22.94	22.88	0.34	ppb
Sulfur	34-1	1225.51	1254.56	1213.76	1231.28	1.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	45.87	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	9.69	ppb
Tin	118-1	0.21	0.16	0.22	0.20	16.73	ppb
Titanium	47-1	0.34	0.30	0.28	0.31	8.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	137.20	ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	22.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	861.64	863.38	860.90	861.97	0.15	ppb
Zirconium	90-1	0.19	0.18	0.19	0.19	2.17	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-09	Instrumnet Name :	P7
Client Sample ID :	DC32521-09-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:01:56	DataFile Name :	049SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.17	0.18	0.17	5.46	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-10	Instrumnet Name :	P7
Client Sample ID :	DC32521-10-BS-BR-F2-S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:05:25	DataFile Name :	050SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.98	12.99	15.73	14.57	9.74	ppb
Antimony	121-1	0.13	0.15	0.15	0.14	8.87	ppb
Arsenic	75-2	0.33	0.31	0.31	0.32	3.18	ppb
Barium	135-1	16.02	15.91	15.59	15.84	1.42	ppb
Barium	137-1	16.20	16.02	15.51	15.91	2.23	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.31	6.65	7.15	7.04	4.85	ppb
Boron	11-1	7.73	7.73	7.34	7.60	2.95	ppb
Cadmium	111-1	-0.05	-0.13	-0.12	-0.10		ppb
Cadmium	106-1	-0.60	-1.83	-1.48	-1.30		ppb
Cadmium	108-1	0.01	0.00	0.05	0.02	147.38	ppb
Calcium	43-1	6372.03	6327.13	6307.38	6335.51	0.52	ppb
Calcium	44-1	6486.21	6460.63	6430.48	6459.11	0.43	ppb
Chromium	52-2	0.08	0.10	0.10	0.09	11.61	ppb
Cobalt	59-2	0.18	0.20	0.19	0.19	3.16	ppb
Copper	63-2	123.84	123.46	123.76	123.69	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.04	27.14	22.33	23.84	12.02	ppb
Iron	57-2	23.65	20.51	22.19	22.12	7.10	ppb
Lead	206-1	0.66	0.66	0.65	0.66	1.23	ppb
Lead	207-1	0.60	0.63	0.62	0.61	2.15	ppb
Lead	208-1	0.64	0.64	0.63	0.64	1.43	ppb
Lithium	6-1						%
Magnesium	24-2	1783.48	1788.69	1772.02	1781.40	0.48	ppb
Manganese	55-2	10.17	9.92	9.86	9.98	1.63	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-10	Instrumnet Name :	P7
Client Sample ID :	DC32521-10-BS-BR-F2-S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:05:25	DataFile Name :	050SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.10	0.13	0.10	21.52	ppb
Molybdenum	95-1	0.08	0.14	0.15	0.12	29.22	ppb
Molybdenum	96-1	0.08	0.11	0.13	0.11	21.47	ppb
Molybdenum	97-1	0.11	0.16	0.15	0.14	20.32	ppb
Molybdenum	98-1	0.09	0.12	0.14	0.12	21.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.59	0.57	0.59	3.60	ppb
Phosphorus	31-2	663.09	696.19	714.64	691.31	3.78	ppb
Potassium	39-2	596.16	599.67	595.35	597.06	0.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.68	0.39	0.39	0.49	34.94	ppb
Selenium	78-2	-0.23	-0.45	0.38	-0.10		ppb
Selenium	82-1	0.19	1.41	0.10	0.57	129.08	ppb
Silicon	28-1	884.23	888.44	875.63	882.77	0.74	ppb
Silver	109-1	0.01	0.01	0.00	0.01	30.74	ppb
Silver	107-1	0.01	0.00	0.00	0.00	138.70	ppb
Sodium	23-2	10172.60	10356.39	10196.95	10241.98	0.97	ppb
Strontium	86-1	22.22	21.96	21.56	21.91	1.52	ppb
Strontium	88-1	22.16	22.35	21.75	22.09	1.40	ppb
Sulfur	34-1	1453.60	1551.29	1619.16	1541.35	5.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.01	0.01	31.88	ppb
Tin	118-1	0.07	0.07	0.09	0.08	15.36	ppb
Titanium	47-1	0.27	0.35	0.40	0.34	19.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	209.67	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	0.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	91.45	92.65	92.63	92.24	0.75	ppb
Zirconium	90-1	0.07	0.09	0.08	0.08	10.78	ppb

Reviewed By:jaswal
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-10	Instrumnet Name :	P7
Client Sample ID :	DC32521-10-BS-BR-F2-S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:05:25	DataFile Name :	050SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.07	0.08	8.18	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-11	Instrumnet Name :	P7
Client Sample ID :	DC32521-11-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:08:53	DataFile Name :	051SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.53	10.46	8.02	9.67	14.76	ppb
Antimony	121-1	0.05	0.07	0.10	0.08	34.53	ppb
Arsenic	75-2	0.27	0.23	0.37	0.29	24.41	ppb
Barium	135-1	18.17	17.58	17.77	17.84	1.67	ppb
Barium	137-1	17.93	17.97	17.88	17.93	0.25	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.82	4.08	4.48	4.13	8.10	ppb
Boron	11-1	4.74	4.74	4.82	4.77	0.99	ppb
Cadmium	111-1	-0.04	-0.13	-0.08	-0.08		ppb
Cadmium	106-1	-0.87	-2.17	-1.54	-1.53		ppb
Cadmium	108-1	0.16	0.17	0.08	0.14	36.23	ppb
Calcium	43-1	6526.86	6437.91	6366.55	6443.77	1.25	ppb
Calcium	44-1	6591.16	6523.34	6571.04	6561.85	0.53	ppb
Chromium	52-2	0.02	0.00	0.03	0.02	78.15	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	23.59	ppb
Copper	63-2	128.81	128.31	127.38	128.17	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.08	19.93	17.98	18.99	5.16	ppb
Iron	57-2	18.33	19.37	26.37	21.35	20.47	ppb
Lead	206-1	3.60	3.61	3.56	3.59	0.77	ppb
Lead	207-1	3.39	3.36	3.47	3.41	1.72	ppb
Lead	208-1	3.57	3.53	3.58	3.56	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	1525.40	1520.91	1509.51	1518.60	0.54	ppb
Manganese	55-2	11.40	10.88	10.69	10.99	3.36	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-11	Instrumnet Name :	P7
Client Sample ID :	DC32521-11-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:08:53	DataFile Name :	051SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.06	0.06	12.55	ppb
Molybdenum	95-1	0.06	0.09	0.08	0.08	16.94	ppb
Molybdenum	96-1	0.06	0.07	0.09	0.07	18.74	ppb
Molybdenum	97-1	0.06	0.09	0.10	0.08	25.01	ppb
Molybdenum	98-1	0.06	0.07	0.09	0.07	18.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.48	149.65	148.46	149.53	0.68	ppb
Phosphorus	31-2	669.54	643.37	634.51	649.14	2.81	ppb
Potassium	39-2	605.32	599.35	588.62	597.76	1.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.11	-0.18	-0.08		ppb
Selenium	78-2	-0.62	-0.04	-0.29	-0.32		ppb
Selenium	82-1	0.43	0.54	0.57	0.51	14.57	ppb
Silicon	28-1	800.90	800.87	790.06	797.28	0.78	ppb
Silver	109-1	0.00	0.00	0.01	0.01	8.58	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.28	ppb
Sodium	23-2	10327.62	10200.12	10191.41	10239.72	0.74	ppb
Strontium	86-1	22.74	22.29	22.54	22.53	1.00	ppb
Strontium	88-1	23.01	22.45	22.84	22.76	1.26	ppb
Sulfur	34-1	1610.90	1641.20	1617.76	1623.28	0.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	477.77	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	93.52	ppb
Tin	118-1	0.00	0.01	0.02	0.01	78.55	ppb
Titanium	47-1	0.28	0.21	0.34	0.28	23.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	64.46	ppb
Vanadium	51-2	0.05	0.07	0.05	0.06	15.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	580.04	577.46	579.05	578.85	0.22	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	15.00	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-11	Instrumnet Name :	P7
Client Sample ID :	DC32521-11-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:08:53	DataFile Name :	051SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.05	0.04	22.63	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-12	Instrumnet Name :	P7
Client Sample ID :	DC32521-12-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:12:21	DataFile Name :	052SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.30	14.08	12.46	14.94	20.18	ppb
Antimony	121-1	0.00	0.03	0.03	0.02	85.01	ppb
Arsenic	75-2	0.30	0.29	0.28	0.29	4.52	ppb
Barium	135-1	19.45	18.94	18.76	19.05	1.87	ppb
Barium	137-1	19.12	19.30	18.84	19.09	1.22	ppb
Beryllium	9-1	0.02	0.00	-0.02	0.00	909.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.32	3.94	4.67	3.98	17.07	ppb
Boron	11-1	4.20	4.26	4.04	4.17	2.69	ppb
Cadmium	111-1	-0.15	-0.13	-0.12	-0.13		ppb
Cadmium	106-1	-1.81	-1.57	-1.59	-1.66		ppb
Cadmium	108-1	0.00	0.02	0.01	0.01	155.54	ppb
Calcium	43-1	6247.34	6269.74	6326.89	6281.32	0.65	ppb
Calcium	44-1	6374.50	6386.76	6447.86	6403.04	0.61	ppb
Chromium	52-2	-0.08	-0.06	-0.04	-0.06		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	138.76	139.06	137.72	138.51	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26.01	28.40	31.61	28.68	9.80	ppb
Iron	57-2	32.70	25.46	26.14	28.10	14.22	ppb
Lead	206-1	0.24	0.27	0.28	0.26	6.55	ppb
Lead	207-1	0.27	0.28	0.28	0.28	1.37	ppb
Lead	208-1	0.26	0.27	0.27	0.27	1.70	ppb
Lithium	6-1						%
Magnesium	24-2	1505.53	1503.25	1494.23	1501.00	0.40	ppb
Manganese	55-2	14.18	12.34	13.47	13.33	6.97	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-12	Instrumnet Name :	P7
Client Sample ID :	DC32521-12-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:12:21	DataFile Name :	052SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.06	0.06	7.93	ppb
Molybdenum	95-1	0.04	0.08	0.10	0.07	41.61	ppb
Molybdenum	96-1	0.04	0.06	0.09	0.06	38.07	ppb
Molybdenum	97-1	0.04	0.07	0.11	0.07	44.43	ppb
Molybdenum	98-1	0.05	0.07	0.07	0.06	21.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.79	0.76	0.76	2.61	ppb
Phosphorus	31-2	716.80	723.05	767.32	735.72	3.74	ppb
Potassium	39-2	589.24	603.01	598.15	596.80	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.39	-0.18	0.11	0.11	264.40	ppb
Selenium	78-2	-0.07	-0.03	0.42	0.11	254.40	ppb
Selenium	82-1	1.51	0.73	0.10	0.78	90.13	ppb
Silicon	28-1	785.64	794.10	825.55	801.76	2.62	ppb
Silver	109-1	0.01	0.01	0.00	0.01	33.17	ppb
Silver	107-1	0.01	0.01	0.00	0.01	42.70	ppb
Sodium	23-2	10359.54	10243.89	10315.52	10306.32	0.57	ppb
Strontium	86-1	22.26	22.93	23.00	22.73	1.80	ppb
Strontium	88-1	22.93	23.03	23.10	23.02	0.37	ppb
Sulfur	34-1	1362.72	1406.89	1385.00	1384.87	1.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	0.30	0.38	0.50	0.39	26.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	27.38	ppb
Vanadium	51-2	0.06	0.05	0.06	0.06	8.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	26.03	26.37	27.13	26.51	2.13	ppb
Zirconium	90-1	0.03	0.04	0.06	0.04	28.85	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-12	Instrumnet Name :	P7
Client Sample ID :	DC32521-12-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:12:21	DataFile Name :	052SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.04	0.03	16.77	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-13	Instrumnet Name :	P7
Client Sample ID :	DC32521-13-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:15:49	DataFile Name :	053SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.30	7.67	9.89	8.95	12.81	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	84.70	ppb
Arsenic	75-2	0.22	0.26	0.31	0.26	18.41	ppb
Barium	135-1	17.29	17.68	16.82	17.26	2.50	ppb
Barium	137-1	17.37	17.29	17.46	17.38	0.50	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.27	3.73	4.54	4.18	9.86	ppb
Boron	11-1	4.27	4.55	4.23	4.35	3.91	ppb
Cadmium	111-1	-0.11	-0.14	-0.12	-0.12		ppb
Cadmium	106-1	-1.41	-1.81	-1.46	-1.56		ppb
Cadmium	108-1	0.06	0.01	0.05	0.04	65.53	ppb
Calcium	43-1	6345.17	6407.26	6377.80	6376.74	0.49	ppb
Calcium	44-1	6420.47	6547.23	6426.54	6464.75	1.11	ppb
Chromium	52-2	-0.04	-0.04	0.00	-0.03		ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	4.64	ppb
Copper	63-2	183.73	185.46	203.51	190.90	5.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.03	18.57	19.67	19.09	2.88	ppb
Iron	57-2	17.33	21.37	24.50	21.07	17.06	ppb
Lead	206-1	0.32	0.33	0.35	0.33	5.35	ppb
Lead	207-1	0.33	0.34	0.33	0.33	1.23	ppb
Lead	208-1	0.32	0.33	0.33	0.33	1.49	ppb
Lithium	6-1						%
Magnesium	24-2	1563.83	1578.67	1717.29	1619.93	5.23	ppb
Manganese	55-2	9.52	9.51	10.38	9.80	5.12	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-13	Instrumnet Name :	P7
Client Sample ID :	DC32521-13-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:15:49	DataFile Name :	053SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.03	0.04	14.55	ppb
Molybdenum	95-1	0.04	0.03	0.06	0.04	30.29	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	8.08	ppb
Molybdenum	97-1	0.03	0.03	0.07	0.04	46.30	ppb
Molybdenum	98-1	0.04	0.05	0.07	0.06	19.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.31	0.34	0.31	10.91	ppb
Phosphorus	31-2	667.12	722.51	803.80	731.15	9.40	ppb
Potassium	39-2	598.08	606.31	672.63	625.67	6.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.66	-0.26	0.19	-0.24		ppb
Selenium	82-1	-0.10	0.76	0.66	0.44	106.90	ppb
Silicon	28-1	789.67	805.69	790.29	795.22	1.14	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.49	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.86	ppb
Sodium	23-2	10137.07	10318.55	11214.99	10556.87	5.47	ppb
Strontium	86-1	22.04	22.75	22.32	22.37	1.60	ppb
Strontium	88-1	22.44	22.88	22.60	22.64	0.97	ppb
Sulfur	34-1	1454.58	1486.73	1514.14	1485.15	2.01	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.00	0.00	0.00	659.66	ppb
Titanium	47-1	0.34	0.17	0.50	0.34	48.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	494.55	ppb
Vanadium	51-2	0.06	0.06	0.07	0.06	9.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	80.09	81.23	88.57	83.30	5.52	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	25.25	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-13	Instrumnet Name :	P7
Client Sample ID :	DC32521-13-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:15:49	DataFile Name :	053SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	23.90	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-14	Instrumnet Name :	P7
Client Sample ID :	DC32521-14-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:19:16	DataFile Name :	054SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.90	8.01	13.84	11.58	27.03	ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	0.24	0.26	0.27	0.26	5.27	ppb
Barium	135-1	17.98	17.42	18.17	17.86	2.17	ppb
Barium	137-1	18.40	17.82	18.05	18.09	1.62	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.46	3.52	3.94	3.64	7.22	ppb
Boron	11-1	4.06	3.96	4.16	4.06	2.45	ppb
Cadmium	111-1	-0.10	-0.14	-0.11	-0.12		ppb
Cadmium	106-1	-1.22	-1.78	-1.28	-1.43		ppb
Cadmium	108-1	0.01	0.05	0.02	0.03	73.39	ppb
Calcium	43-1	6349.34	6301.27	6201.78	6284.13	1.20	ppb
Calcium	44-1	6349.38	6487.80	6383.43	6406.87	1.13	ppb
Chromium	52-2	-0.02	-0.03	-0.03	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	101.82	102.57	102.75	102.38	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	36.60	36.19	33.53	35.44	4.70	ppb
Iron	57-2	39.30	35.10	34.45	36.28	7.26	ppb
Lead	206-1	0.16	0.17	0.15	0.16	6.45	ppb
Lead	207-1	0.16	0.13	0.16	0.15	8.66	ppb
Lead	208-1	0.16	0.16	0.15	0.15	3.91	ppb
Lithium	6-1						%
Magnesium	24-2	1497.93	1503.15	1489.75	1496.94	0.45	ppb
Manganese	55-2	15.25	15.05	14.91	15.07	1.13	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-14	Instrumnet Name :	P7
Client Sample ID :	DC32521-14-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:19:16	DataFile Name :	054SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.03	0.03	22.74	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	21.38	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	5.76	ppb
Molybdenum	97-1	0.03	0.06	0.02	0.04	53.47	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.04	10.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.13	0.15	0.14	8.90	ppb
Phosphorus	31-2	735.01	694.89	749.52	726.47	3.90	ppb
Potassium	39-2	595.93	603.63	592.80	597.45	0.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.66	-0.18	-0.18	0.10	481.57	ppb
Selenium	78-2	-0.08	-0.36	0.31	-0.04		ppb
Selenium	82-1	0.38	0.94	0.90	0.74	42.37	ppb
Silicon	28-1	789.89	795.70	793.80	793.13	0.37	ppb
Silver	109-1	0.01	0.00	0.00	0.00	27.91	ppb
Silver	107-1	0.01	0.01	0.00	0.00	25.23	ppb
Sodium	23-2	10276.22	10249.68	10203.85	10243.25	0.36	ppb
Strontium	86-1	22.29	22.07	22.31	22.23	0.60	ppb
Strontium	88-1	22.56	22.54	22.45	22.52	0.26	ppb
Sulfur	34-1	1301.35	1529.08	1495.69	1442.04	8.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.40	0.34	0.42	0.39	11.08	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	35.59	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	7.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.38	20.42	20.91	20.57	1.43	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	8.41	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-14	Instrumnet Name :	P7
Client Sample ID :	DC32521-14-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:19:16	DataFile Name :	054SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.04	0.03	62.45	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-15	Instrumnet Name :	P7
Client Sample ID :	DC32521-15-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:22:43	DataFile Name :	055SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.09	8.80	8.23	9.37	16.19	ppb
Antimony	121-1	-0.02	0.00	0.00	-0.01		ppb
Arsenic	75-2	0.26	0.31	0.29	0.29	9.90	ppb
Barium	135-1	17.93	18.44	17.78	18.05	1.91	ppb
Barium	137-1	17.87	18.41	18.16	18.15	1.49	ppb
Beryllium	9-1	-0.02	-0.03	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.56	4.52	3.51	4.20	14.15	ppb
Boron	11-1	4.01	4.02	3.83	3.95	2.76	ppb
Cadmium	111-1	-0.14	-0.15	-0.16	-0.15		ppb
Cadmium	106-1	-2.04	-2.18	-2.24	-2.15		ppb
Cadmium	108-1	0.19	0.16	0.05	0.13	56.62	ppb
Calcium	43-1	6561.83	6439.31	6544.41	6515.19	1.02	ppb
Calcium	44-1	6650.42	6626.45	6670.64	6649.17	0.33	ppb
Chromium	52-2	-0.01	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	11.91	ppb
Copper	63-2	220.60	219.49	219.33	219.80	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.51	20.50	19.84	19.95	2.52	ppb
Iron	57-2	20.49	21.97	20.93	21.13	3.60	ppb
Lead	206-1	0.76	0.70	0.70	0.72	4.54	ppb
Lead	207-1	0.67	0.65	0.66	0.66	1.51	ppb
Lead	208-1	0.70	0.68	0.68	0.69	2.01	ppb
Lithium	6-1						%
Magnesium	24-2	1513.72	1497.12	1500.67	1503.84	0.58	ppb
Manganese	55-2	11.25	11.25	11.38	11.29	0.65	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-15	Instrumnet Name :	P7
Client Sample ID :	DC32521-15-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:22:43	DataFile Name :	055SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.03	0.03	46.66	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	6.17	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.04	28.77	ppb
Molybdenum	97-1	0.04	0.04	0.07	0.05	36.13	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	26.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.08	6.96	6.81	6.95	1.92	ppb
Phosphorus	31-2	662.74	656.63	620.23	646.53	3.56	ppb
Potassium	39-2	619.19	622.48	613.63	618.43	0.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	-0.18	-0.18	-0.08		ppb
Selenium	78-2	-0.71	-0.69	-0.65	-0.68		ppb
Selenium	82-1	-0.41	-0.17	0.68	0.03	1742.40	ppb
Silicon	28-1	797.02	794.62	814.57	802.07	1.36	ppb
Silver	109-1	0.01	0.00	0.00	0.00	348.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10337.41	10314.27	10175.74	10275.80	0.85	ppb
Strontium	86-1	22.63	22.45	22.52	22.53	0.41	ppb
Strontium	88-1	22.98	22.63	22.63	22.75	0.90	ppb
Sulfur	34-1	1468.66	1480.98	1427.79	1459.14	1.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	0.01	0.00		ppb
Titanium	47-1	0.39	0.32	0.27	0.33	18.23	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	112.08	ppb
Vanadium	51-2	0.06	0.04	0.05	0.05	13.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	551.56	545.87	542.41	546.61	0.85	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	32.09	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-15	Instrumnet Name :	P7
Client Sample ID :	DC32521-15-FL1-CL003·	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:22:43	DataFile Name :	055SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	12.17	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-16	Instrumnet Name :	P7
Client Sample ID :	DC32521-16-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:26:11	DataFile Name :	056SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.69	14.50	9.32	11.83	21.92	ppb
Antimony	121-1	-0.02	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	0.23	0.25	0.28	0.25	9.52	ppb
Barium	135-1	17.54	17.34	17.28	17.39	0.78	ppb
Barium	137-1	17.93	17.54	17.60	17.69	1.16	ppb
Beryllium	9-1	-0.01	-0.03	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.79	4.08	3.42	3.76	8.69	ppb
Boron	11-1	3.87	4.16	3.89	3.97	4.03	ppb
Cadmium	111-1	-0.16	-0.14	-0.16	-0.16		ppb
Cadmium	106-1	-2.01	-1.80	-2.05	-1.95		ppb
Cadmium	108-1	0.05	-0.02	0.00	0.01	361.92	ppb
Calcium	43-1	6194.51	6175.96	6295.03	6221.83	1.03	ppb
Calcium	44-1	6371.42	6359.85	6441.18	6390.82	0.69	ppb
Chromium	52-2	0.06	0.05	0.05	0.06	11.14	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	97.10	97.30	96.08	96.83	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	30.64	28.80	29.06	29.50	3.38	ppb
Iron	57-2	32.25	31.28	32.16	31.89	1.68	ppb
Lead	206-1	0.04	0.05	0.05	0.05	14.83	ppb
Lead	207-1	0.06	0.04	0.05	0.05	16.54	ppb
Lead	208-1	0.04	0.04	0.05	0.04	10.35	ppb
Lithium	6-1						%
Magnesium	24-2	1472.64	1473.40	1465.48	1470.51	0.30	ppb
Manganese	55-2	11.68	11.35	11.20	11.41	2.17	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-16	Instrumnet Name :	P7
Client Sample ID :	DC32521-16-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:26:11	DataFile Name :	056SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.04	0.03	27.26	ppb
Molybdenum	95-1	0.02	0.06	0.05	0.04	44.95	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	6.68	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	18.00	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	21.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.09	0.09	0.11	31.72	ppb
Phosphorus	31-2	676.50	715.54	690.37	694.14	2.85	ppb
Potassium	39-2	595.75	590.66	584.22	590.21	0.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.59	-0.68	-1.11	-0.79		ppb
Selenium	82-1	0.24	1.54	0.34	0.71	101.88	ppb
Silicon	28-1	787.47	780.37	796.83	788.22	1.05	ppb
Silver	109-1	0.00	0.00	0.00	0.00	71.43	ppb
Silver	107-1	0.00	0.00	0.00	0.00	34.40	ppb
Sodium	23-2	10084.83	10148.18	10109.48	10114.16	0.32	ppb
Strontium	86-1	21.77	22.15	22.33	22.08	1.30	ppb
Strontium	88-1	22.27	22.10	22.04	22.14	0.53	ppb
Sulfur	34-1	1560.33	1566.44	1682.22	1603.00	4.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.40	0.39	0.24	0.34	24.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.47	ppb
Vanadium	51-2	0.06	0.05	0.04	0.05	23.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.92	16.10	16.46	16.49	2.48	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	11.21	ppb

Reviewed By:jaswal
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-16	Instrumnet Name :	P7
Client Sample ID :	DC32521-16-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:26:11	DataFile Name :	056SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.05	0.03	39.33	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-17	Instrumnet Name :	P7
Client Sample ID :	DC32521-17-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:29:38	DataFile Name :	057SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.23	17.02	12.05	13.10	26.80	ppb
Antimony	121-1	-0.01	0.00	0.00	-0.01		ppb
Arsenic	75-2	0.25	0.25	0.29	0.26	10.11	ppb
Barium	135-1	18.26	17.90	17.38	17.84	2.46	ppb
Barium	137-1	18.63	17.96	18.08	18.22	1.96	ppb
Beryllium	9-1	-0.01	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.62	4.45	3.75	3.94	11.36	ppb
Boron	11-1	4.00	4.13	3.78	3.97	4.51	ppb
Cadmium	111-1	-0.10	-0.10	-0.19	-0.13		ppb
Cadmium	106-1	-1.30	-1.38	-2.31	-1.66		ppb
Cadmium	108-1	-0.03	0.08	0.08	0.04	149.85	ppb
Calcium	43-1	6295.62	6250.47	6323.43	6289.84	0.59	ppb
Calcium	44-1	6413.12	6406.26	6362.24	6393.87	0.43	ppb
Chromium	52-2	0.02	0.04	0.05	0.04	44.24	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	106.49	105.72	105.79	106.00	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28.34	27.72	27.22	27.76	2.01	ppb
Iron	57-2	29.15	27.49	30.86	29.16	5.77	ppb
Lead	206-1	0.77	0.77	0.77	0.77	0.46	ppb
Lead	207-1	0.71	0.73	0.73	0.72	1.65	ppb
Lead	208-1	0.75	0.74	0.73	0.74	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	1473.82	1482.97	1480.67	1479.15	0.32	ppb
Manganese	55-2	11.70	11.90	11.65	11.75	1.15	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-17	Instrumnet Name :	P7
Client Sample ID :	DC32521-17-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:29:38	DataFile Name :	057SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.32	0.02	0.12	144.70	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	7.68	ppb
Molybdenum	96-1	0.02	0.04	0.05	0.04	38.69	ppb
Molybdenum	97-1	0.05	0.02	0.05	0.04	49.66	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	15.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.87	1.90	1.83	1.87	1.83	ppb
Phosphorus	31-2	695.87	745.49	715.83	719.06	3.47	ppb
Potassium	39-2	586.32	592.27	591.00	589.86	0.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	0.11	0.10	0.10	0.91	ppb
Selenium	78-2	-0.55	-0.82	-0.56	-0.65		ppb
Selenium	82-1	0.56	0.55	0.18	0.43	50.57	ppb
Silicon	28-1	802.93	811.40	821.55	811.96	1.15	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.43	ppb
Silver	107-1	0.00	0.00	0.01	0.00	59.26	ppb
Sodium	23-2	10264.58	10231.47	10121.25	10205.77	0.74	ppb
Strontium	86-1	21.96	22.14	21.95	22.02	0.48	ppb
Strontium	88-1	22.17	22.45	22.19	22.27	0.69	ppb
Sulfur	34-1	1969.33	1814.89	2102.21	1962.14	7.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.35	0.35	1.02	0.57	67.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	65.97	ppb
Vanadium	51-2	0.04	0.07	0.06	0.06	24.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	73.99	73.16	73.70	73.62	0.58	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	25.03	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-17	Instrumnet Name :	P7
Client Sample ID :	DC32521-17-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:29:38	DataFile Name :	057SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	70.73	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-18	Instrumnet Name :	P7
Client Sample ID :	DC32521-18-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:33:06	DataFile Name :	058SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.25	8.71	9.39	9.12	3.92	ppb
Antimony	121-1	-0.02	-0.02	-0.03	-0.03		ppb
Arsenic	75-2	0.22	0.24	0.23	0.23	5.45	ppb
Barium	135-1	17.94	17.46	17.27	17.56	1.97	ppb
Barium	137-1	18.05	17.69	17.50	17.75	1.58	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.33	3.73	4.11	3.73	10.44	ppb
Boron	11-1	4.08	3.94	3.90	3.97	2.46	ppb
Cadmium	111-1	-0.14	-0.04	-0.12	-0.10		ppb
Cadmium	106-1	-1.69	-0.56	-1.51	-1.25		ppb
Cadmium	108-1	0.05	-0.03	-0.02	0.00	96238.48	ppb
Calcium	43-1	6203.72	6216.55	6170.72	6197.00	0.38	ppb
Calcium	44-1	6414.90	6365.82	6342.72	6374.48	0.58	ppb
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	89.43	88.82	89.82	89.35	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28.66	29.62	29.39	29.22	1.73	ppb
Iron	57-2	28.24	34.33	31.34	31.30	9.73	ppb
Lead	206-1	0.04	0.05	0.06	0.05	15.75	ppb
Lead	207-1	0.03	0.04	0.08	0.05	49.82	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.35	ppb
Lithium	6-1						%
Magnesium	24-2	1473.10	1473.36	1482.43	1476.30	0.36	ppb
Manganese	55-2	11.62	11.54	11.47	11.54	0.64	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-18	Instrumnet Name :	P7
Client Sample ID :	DC32521-18-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:33:06	DataFile Name :	058SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.07	0.03	0.04	66.62	ppb
Molybdenum	95-1	0.02	0.04	0.04	0.03	25.24	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	13.67	ppb
Molybdenum	97-1	0.05	0.05	0.03	0.05	25.62	ppb
Molybdenum	98-1	0.02	0.03	0.05	0.03	30.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.14	0.16	0.12	33.97	ppb
Phosphorus	31-2	674.42	692.59	706.47	691.16	2.33	ppb
Potassium	39-2	594.59	581.19	594.60	590.13	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	0.29	-0.54	0.07	-0.06		ppb
Selenium	82-1	0.96	1.31	0.06	0.78	82.77	ppb
Silicon	28-1	841.98	802.32	919.01	854.44	6.94	ppb
Silver	109-1	0.00	0.00	0.00	0.00	48.03	ppb
Silver	107-1	0.00	0.00	0.00	0.00	177.67	ppb
Sodium	23-2	10156.88	10162.46	10141.97	10153.77	0.10	ppb
Strontium	86-1	22.02	22.06	21.82	21.97	0.58	ppb
Strontium	88-1	22.10	22.20	22.02	22.11	0.41	ppb
Sulfur	34-1	1782.74	1768.06	1660.63	1737.15	3.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.01	-0.01	-0.02		ppb
Titanium	47-1	0.29	0.36	0.30	0.32	12.34	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	22.77	ppb
Vanadium	51-2	0.03	0.06	0.04	0.04	26.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.05	11.94	12.38	12.12	1.87	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.44	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-18	Instrumnet Name :	P7
Client Sample ID :	DC32521-18-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:33:06	DataFile Name :	058SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	1.51	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:36:35	DataFile Name :	059CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9842.21	9764.87	9777.95	9795.01	0.42	ppb
Antimony	121-1	515.32	507.50	505.01	509.28	1.06	ppb
Arsenic	75-2	509.44	509.09	510.62	509.72	0.16	ppb
Barium	135-1	2574.36	2584.04	2553.16	2570.52	0.61	ppb
Barium	137-1	2546.32	2597.02	2541.15	2561.50	1.21	ppb
Beryllium	9-1	480.63	478.08	480.77	479.83	0.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	460.67	461.10	471.82	464.53	1.36	ppb
Boron	11-1	456.71	461.43	466.75	461.63	1.09	ppb
Cadmium	111-1	513.07	519.02	512.22	514.77	0.72	ppb
Cadmium	106-1	517.12	518.16	518.51	517.93	0.14	ppb
Cadmium	108-1	512.75	516.87	513.47	514.36	0.43	ppb
Calcium	43-1	49510.14	50239.04	50262.80	50004.00	0.86	ppb
Calcium	44-1	50106.33	51135.15	50328.96	50523.48	1.07	ppb
Chromium	52-2	515.53	513.62	513.80	514.32	0.20	ppb
Cobalt	59-2	522.64	521.97	521.73	522.11	0.09	ppb
Copper	63-2	1035.45	1032.95	1030.69	1033.03	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26601.29	26260.53	26267.91	26376.58	0.74	ppb
Iron	57-2	25996.24	25880.45	25926.57	25934.42	0.22	ppb
Lead	206-1	488.05	498.53	498.99	495.19	1.25	ppb
Lead	207-1	489.42	497.44	495.05	493.97	0.83	ppb
Lead	208-1	500.78	508.96	504.88	504.88	0.81	ppb
Lithium	6-1						%
Magnesium	24-2	51901.33	51513.71	51268.96	51561.34	0.62	ppb
Manganese	55-2	1047.94	1036.30	1045.08	1043.11	0.58	ppb

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:36:35	DataFile Name :	059CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	507.73	511.69	512.56	510.66	0.50	ppb
Molybdenum	95-1	498.05	509.67	504.80	504.17	1.16	ppb
Molybdenum	96-1	493.60	503.86	499.40	498.95	1.03	ppb
Molybdenum	97-1	503.14	507.86	506.36	505.79	0.48	ppb
Molybdenum	98-1	505.99	514.83	509.32	510.05	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.14	524.28	522.49	524.64	0.45	ppb
Phosphorus	31-2	10581.04	10390.95	10669.80	10547.26	1.35	ppb
Potassium	39-2	25277.87	24968.30	24955.45	25067.21	0.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	509.54	513.73	509.90	511.06	0.45	ppb
Selenium	78-2	523.27	501.32	525.19	516.59	2.57	ppb
Selenium	82-1	518.13	526.10	522.12	522.12	0.76	ppb
Silicon	28-1	510.62	518.40	511.64	513.56	0.82	ppb
Silver	109-1	516.28	515.69	515.69	515.89	0.07	ppb
Silver	107-1	518.03	517.84	514.02	516.63	0.44	ppb
Sodium	23-2	52163.78	52065.20	51439.82	51889.60	0.76	ppb
Strontium	86-1	503.74	510.82	509.89	508.15	0.76	ppb
Strontium	88-1	510.93	521.58	516.54	516.35	1.03	ppb
Sulfur	34-1	11292.15	11349.55	11243.48	11295.06	0.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	510.94	509.65	519.31	513.30	1.02	ppb
Thallium	205-1	508.46	515.01	518.73	514.06	1.01	ppb
Tin	118-1	509.30	517.05	508.58	511.64	0.92	ppb
Titanium	47-1	508.70	511.82	510.65	510.39	0.31	ppb
Uranium	238-1	490.13	500.70	491.07	493.97	1.18	ppb
Vanadium	51-2	515.08	513.98	509.38	512.81	0.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1054.60	1051.82	1047.02	1051.15	0.36	ppb
Zirconium	90-1	512.07	512.98	512.30	512.45	0.09	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:36:35	DataFile Name :	059CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.94	504.79	501.00	500.91	0.78	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:39:58	DataFile Name :	060CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.56	0.26	0.36	47.46	ppb
Antimony	121-1	1.55	1.75	2.01	1.77	12.91	ppb
Arsenic	75-2	0.52	0.58	0.63	0.57	8.94	ppb
Barium	135-1	0.01	-0.02	-0.03	-0.01		ppb
Barium	137-1	0.03	0.01	0.01	0.02	54.20	ppb
Beryllium	9-1	0.04	0.02	0.01	0.02	63.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.51	7.22	6.50	7.41	13.76	ppb
Boron	11-1	8.36	7.25	7.14	7.59	8.87	ppb
Cadmium	111-1	-0.04	-0.09	-0.14	-0.09		ppb
Cadmium	106-1	-0.62	-1.24	-1.90	-1.25		ppb
Cadmium	108-1	0.10	0.03	-0.03	0.03	205.15	ppb
Calcium	43-1	-1.14	-1.46	-2.79	-1.80		ppb
Calcium	44-1	-4.85	-4.71	-5.06	-4.87		ppb
Chromium	52-2	0.02	-0.01	-0.01	0.00	4203.02	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.17	-0.19	-0.18	-0.18		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.90	0.81	0.97	0.90	8.70	ppb
Iron	57-2	0.21	0.47	0.76	0.48	57.44	ppb
Lead	206-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	0.60	0.56	0.46	0.54	13.30	ppb
Manganese	55-2	-0.04	-0.05	-0.05	-0.05		ppb

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Inst Id :P7
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:39:58	DataFile Name :	060CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.23	0.33	0.25	31.18	ppb
Molybdenum	95-1	0.52	0.73	0.94	0.73	29.11	ppb
Molybdenum	96-1	0.48	0.57	0.73	0.59	21.21	ppb
Molybdenum	97-1	0.57	0.71	1.02	0.77	29.75	ppb
Molybdenum	98-1	0.52	0.73	0.93	0.72	28.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.10	-0.12	-0.12		ppb
Phosphorus	31-2	1.36	12.66	-7.22	2.27	439.51	ppb
Potassium	39-2	7.37	8.97	9.22	8.52	11.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.29	0.12	1.31	0.91	75.40	ppb
Selenium	78-2	0.63	0.50	0.72	0.62	17.89	ppb
Selenium	82-1	1.15	0.79	1.12	1.02	19.50	ppb
Silicon	28-1	-7.54	-7.55	-7.55	-7.55		ppb
Silver	109-1	0.02	0.02	0.01	0.02	31.24	ppb
Silver	107-1	0.03	0.01	0.02	0.02	43.87	ppb
Sodium	23-2	12.12	10.89	10.77	11.26	6.66	ppb
Strontium	86-1	-0.06	0.09	-0.03	0.00	2302.80	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	54.87	ppb
Sulfur	34-1	425.93	429.28	413.49	422.90	1.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.08	0.07	0.08	17.60	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	9.61	ppb
Tin	118-1	0.23	0.30	0.34	0.29	19.06	ppb
Titanium	47-1	-0.14	-0.18	-0.17	-0.16		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.93	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	8.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.15	-0.13	-0.19	-0.16		ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	10.17	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:39:58	DataFile Name :	060CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.06	0.05	26.69	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-19	Instrumnet Name :	P7
Client Sample ID :	DC32521-19-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:43:27	DataFile Name :	061SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.83	15.52	8.88	12.74	27.06	ppb
Antimony	121-1	0.24	0.25	0.32	0.27	17.41	ppb
Arsenic	75-2	0.40	0.46	0.28	0.38	24.52	ppb
Barium	135-1	17.24	16.72	16.43	16.80	2.42	ppb
Barium	137-1	17.12	16.74	16.76	16.88	1.25	ppb
Beryllium	9-1	-0.02	-0.01	0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.19	6.17	5.96	6.11	2.04	ppb
Boron	11-1	6.61	6.21	6.25	6.36	3.44	ppb
Cadmium	111-1	-0.10	-0.13	-0.08	-0.10		ppb
Cadmium	106-1	-1.18	-1.66	-1.11	-1.32		ppb
Cadmium	108-1	0.10	0.03	0.06	0.07	51.61	ppb
Calcium	43-1	6353.02	6364.67	6421.80	6379.83	0.58	ppb
Calcium	44-1	6492.77	6510.82	6510.34	6504.64	0.16	ppb
Chromium	52-2	0.00	-0.02	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	451.33	445.10	448.62	448.35	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.05	23.05	22.60	22.57	2.22	ppb
Iron	57-2	24.29	26.68	24.47	25.15	5.30	ppb
Lead	206-1	0.27	0.27	0.27	0.27	0.85	ppb
Lead	207-1	0.28	0.24	0.25	0.26	8.73	ppb
Lead	208-1	0.27	0.26	0.25	0.26	3.18	ppb
Lithium	6-1						%
Magnesium	24-2	1510.13	1493.93	1500.12	1501.39	0.54	ppb
Manganese	55-2	11.32	11.16	11.36	11.28	0.93	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-19	Instrumnet Name :	P7
Client Sample ID :	DC32521-19-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:43:27	DataFile Name :	061SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.19	0.23	0.26	35.42	ppb
Molybdenum	95-1	0.16	0.20	0.27	0.21	25.68	ppb
Molybdenum	96-1	0.17	0.18	0.28	0.21	29.39	ppb
Molybdenum	97-1	0.20	0.15	0.25	0.20	24.37	ppb
Molybdenum	98-1	0.17	0.21	0.26	0.21	21.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.82	0.78	0.81	2.95	ppb
Phosphorus	31-2	658.69	669.63	741.77	690.03	6.54	ppb
Potassium	39-2	609.09	593.21	605.80	602.70	1.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	0.10	-0.18	0.01	2732.13	ppb
Selenium	78-2	-0.21	-0.09	0.11	-0.06		ppb
Selenium	82-1	1.29	1.42	1.09	1.26	13.40	ppb
Silicon	28-1	801.36	797.00	793.96	797.44	0.47	ppb
Silver	109-1	0.02	0.00	0.01	0.01	76.19	ppb
Silver	107-1	0.02	0.01	0.01	0.01	26.78	ppb
Sodium	23-2	10366.97	10224.58	10318.06	10303.20	0.70	ppb
Strontium	86-1	21.90	21.67	22.18	21.92	1.18	ppb
Strontium	88-1	22.21	22.39	22.40	22.33	0.48	ppb
Sulfur	34-1	1230.15	1232.87	1225.51	1229.51	0.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	5.81	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	10.85	ppb
Tin	118-1	0.05	0.05	0.06	0.05	14.00	ppb
Titanium	47-1	0.33	0.45	0.64	0.47	32.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	50.85	ppb
Vanadium	51-2	0.06	0.05	0.04	0.05	17.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	149.27	149.27	151.06	149.87	0.69	ppb
Zirconium	90-1	0.20	0.20	0.20	0.20	1.77	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-19	Instrumnet Name :	P7
Client Sample ID :	DC32521-19-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:43:27	DataFile Name :	061SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.16	0.19	0.18	9.61	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-20	Instrumnet Name :	P7
Client Sample ID :	DC32521-20-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:46:55	DataFile Name :	062SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.45	9.88	10.56	9.96	5.59	ppb
Antimony	121-1	0.14	0.15	0.17	0.15	10.68	ppb
Arsenic	75-2	0.30	0.34	0.27	0.30	11.31	ppb
Barium	135-1	18.65	18.32	18.32	18.43	1.03	ppb
Barium	137-1	18.46	18.53	18.13	18.38	1.17	ppb
Beryllium	9-1	0.01	-0.03	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.21	4.69	5.50	5.13	7.96	ppb
Boron	11-1	5.63	5.74	5.96	5.78	2.85	ppb
Cadmium	111-1	-0.09	-0.19	-0.08	-0.12		ppb
Cadmium	106-1	-1.15	-2.46	-1.15	-1.59		ppb
Cadmium	108-1	0.00	0.06	0.01	0.02	153.86	ppb
Calcium	43-1	6336.68	6393.36	6343.59	6357.88	0.49	ppb
Calcium	44-1	6444.44	6475.66	6507.27	6475.79	0.49	ppb
Chromium	52-2	0.02	0.02	0.03	0.02	20.43	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	357.13	359.33	358.15	358.20	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.90	20.42	20.70	20.67	1.17	ppb
Iron	57-2	20.01	20.88	24.27	21.72	10.36	ppb
Lead	206-1	0.39	0.39	0.39	0.39	0.38	ppb
Lead	207-1	0.38	0.38	0.35	0.37	4.49	ppb
Lead	208-1	0.37	0.38	0.38	0.38	0.77	ppb
Lithium	6-1						%
Magnesium	24-2	1489.61	1501.57	1487.34	1492.84	0.51	ppb
Manganese	55-2	9.23	9.02	9.14	9.13	1.13	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-20	Instrumnet Name :	P7
Client Sample ID :	DC32521-20-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:46:55	DataFile Name :	062SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.12	0.10	23.56	ppb
Molybdenum	95-1	0.09	0.08	0.16	0.11	41.07	ppb
Molybdenum	96-1	0.11	0.13	0.13	0.12	11.34	ppb
Molybdenum	97-1	0.10	0.11	0.17	0.13	29.08	ppb
Molybdenum	98-1	0.10	0.11	0.14	0.12	18.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.42	0.47	0.44	6.77	ppb
Phosphorus	31-2	701.60	710.80	680.68	697.69	2.21	ppb
Potassium	39-2	592.04	594.87	599.26	595.39	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.11	-0.08		ppb
Selenium	78-2	-0.71	0.25	-0.95	-0.47		ppb
Selenium	82-1	1.36	-0.06	0.57	0.62	114.92	ppb
Silicon	28-1	799.30	812.42	804.78	805.50	0.82	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.78	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.57	ppb
Sodium	23-2	10216.69	10276.88	10286.61	10260.06	0.37	ppb
Strontium	86-1	22.51	22.72	22.73	22.65	0.54	ppb
Strontium	88-1	22.99	22.95	22.87	22.94	0.26	ppb
Sulfur	34-1	1447.95	1755.94	1526.57	1576.82	10.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	142.09	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.02	0.05	0.03	63.20	ppb
Titanium	47-1	0.34	0.43	0.26	0.34	25.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.07	0.06	0.04	0.06	20.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	116.64	116.72	116.76	116.71	0.05	ppb
Zirconium	90-1	0.07	0.07	0.10	0.08	18.84	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-20	Instrumnet Name :	P7
Client Sample ID :	DC32521-20-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:46:55	DataFile Name :	062SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.07	0.10	0.08	20.33	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-22	Instrumnet Name :	P7
Client Sample ID :	DC32521-22-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:50:24	DataFile Name :	063SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.68	15.97	18.24	16.63	8.43	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	1.44	ppb
Arsenic	75-2	0.35	0.34	0.35	0.34	1.75	ppb
Barium	135-1	20.29	20.09	20.44	20.27	0.87	ppb
Barium	137-1	20.43	20.12	19.91	20.15	1.28	ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.74	4.45	4.53	4.57	3.25	ppb
Boron	11-1	4.62	4.56	5.06	4.75	5.67	ppb
Cadmium	111-1	-0.09	-0.09	-0.07	-0.08		ppb
Cadmium	106-1	-1.38	-1.39	-1.21	-1.33		ppb
Cadmium	108-1	0.04	0.12	0.08	0.08	51.95	ppb
Calcium	43-1	6771.14	6853.12	6690.08	6771.45	1.20	ppb
Calcium	44-1	6851.62	6939.81	6945.63	6912.35	0.76	ppb
Chromium	52-2	0.05	0.03	0.04	0.04	29.00	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	260.71	ppb
Copper	63-2	282.41	280.25	282.01	281.55	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.64	26.53	25.49	25.89	2.17	ppb
Iron	57-2	25.18	27.05	27.57	26.60	4.72	ppb
Lead	206-1	1.65	1.70	1.66	1.67	1.63	ppb
Lead	207-1	1.56	1.56	1.49	1.54	2.80	ppb
Lead	208-1	1.62	1.65	1.60	1.62	1.30	ppb
Lithium	6-1						%
Magnesium	24-2	1515.46	1499.98	1497.53	1504.32	0.65	ppb
Manganese	55-2	14.33	13.91	14.19	14.14	1.51	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-22	Instrumnet Name :	P7
Client Sample ID :	DC32521-22-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:50:24	DataFile Name :	063SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.09	0.07	22.25	ppb
Molybdenum	95-1	0.07	0.08	0.09	0.08	14.39	ppb
Molybdenum	96-1	0.07	0.09	0.10	0.09	14.23	ppb
Molybdenum	97-1	0.08	0.12	0.11	0.10	21.74	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.08	18.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.79	1.93	1.85	1.85	3.86	ppb
Phosphorus	31-2	751.33	735.45	723.73	736.83	1.88	ppb
Potassium	39-2	611.73	599.21	609.32	606.75	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.39	-0.18	0.11	0.11	266.33	ppb
Selenium	78-2	-0.01	-0.36	-0.76	-0.38		ppb
Selenium	82-1	0.02	1.16	0.40	0.52	109.98	ppb
Silicon	28-1	1079.01	804.86	820.98	901.62	17.06	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.03	ppb
Silver	107-1	0.02	0.02	0.01	0.02	15.91	ppb
Sodium	23-2	10317.53	10239.47	10331.07	10296.02	0.48	ppb
Strontium	86-1	23.49	23.10	23.28	23.29	0.84	ppb
Strontium	88-1	23.44	23.26	23.55	23.42	0.62	ppb
Sulfur	34-1	1644.80	1818.39	1619.41	1694.20	6.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.04	0.03	0.03	44.87	ppb
Titanium	47-1	0.39	0.64	0.52	0.52	24.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.05	0.06	0.06	16.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	194.12	191.10	191.51	192.24	0.85	ppb
Zirconium	90-1	0.06	0.05	0.06	0.05	7.68	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-22	Instrumnet Name :	P7
Client Sample ID :	DC32521-22-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:50:24	DataFile Name :	063SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.07	0.06	16.19	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-23	Instrumnet Name :	P7
Client Sample ID :	DC32521-23-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:53:52	DataFile Name :	064SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.00	15.34	15.68	13.67	23.30	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	6.29	ppb
Arsenic	75-2	0.30	0.31	0.29	0.30	4.65	ppb
Barium	135-1	17.48	17.72	18.03	17.75	1.56	ppb
Barium	137-1	17.63	17.70	17.61	17.65	0.27	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.94	3.92	4.34	4.07	5.78	ppb
Boron	11-1	4.25	4.46	4.18	4.30	3.31	ppb
Cadmium	111-1	-0.09	-0.14	-0.21	-0.14		ppb
Cadmium	106-1	-1.03	-1.80	-2.53	-1.79		ppb
Cadmium	108-1	0.05	0.05	0.09	0.06	37.33	ppb
Calcium	43-1	6247.50	6212.72	6255.23	6238.48	0.36	ppb
Calcium	44-1	6340.48	6421.86	6355.59	6372.64	0.68	ppb
Chromium	52-2	0.00	0.05	0.01	0.02	116.27	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	94.53	95.72	94.60	94.95	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34.02	32.80	34.70	33.84	2.84	ppb
Iron	57-2	32.90	33.89	34.23	33.67	2.06	ppb
Lead	206-1	0.08	0.08	0.06	0.07	13.25	ppb
Lead	207-1	0.08	0.08	0.07	0.08	10.80	ppb
Lead	208-1	0.07	0.06	0.06	0.06	5.60	ppb
Lithium	6-1						%
Magnesium	24-2	1478.82	1503.36	1485.08	1489.09	0.86	ppb
Manganese	55-2	13.85	14.07	14.18	14.04	1.19	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-23	Instrumnet Name :	P7
Client Sample ID :	DC32521-23-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:53:52	DataFile Name :	064SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.06	0.05	19.25	ppb
Molybdenum	95-1	0.05	0.09	0.10	0.08	28.06	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.06	19.45	ppb
Molybdenum	97-1	0.05	0.05	0.09	0.06	34.27	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.06	11.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.16	0.09	0.11	41.22	ppb
Phosphorus	31-2	742.84	732.06	695.41	723.44	3.44	ppb
Potassium	39-2	585.14	593.31	580.21	586.22	1.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.10	-0.08		ppb
Selenium	78-2	-0.77	-0.93	-0.19	-0.63		ppb
Selenium	82-1	-0.02	0.74	1.17	0.63	95.50	ppb
Silicon	28-1	802.74	802.47	806.69	803.97	0.29	ppb
Silver	109-1	0.01	0.00	0.01	0.01	57.32	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.35	ppb
Sodium	23-2	10169.89	10186.10	10244.05	10200.01	0.38	ppb
Strontium	86-1	22.10	22.09	22.27	22.15	0.46	ppb
Strontium	88-1	22.37	22.43	22.25	22.35	0.40	ppb
Sulfur	34-1	1537.89	1505.86	1588.98	1544.24	2.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.01	0.01	0.01	0.00	249.68	ppb
Titanium	47-1	0.40	0.37	0.44	0.40	7.97	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	44.24	ppb
Vanadium	51-2	0.06	0.05	0.04	0.05	14.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.55	13.77	13.95	13.76	1.45	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	12.67	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-23	Instrumnet Name :	P7
Client Sample ID :	DC32521-23-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:53:52	DataFile Name :	064SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.03	0.03	17.27	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-24	Instrumnet Name :	P7
Client Sample ID :	DC32521-24-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:57:21	DataFile Name :	065SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.04	9.17	8.32	9.84	19.83	ppb
Antimony	121-1	0.00	0.00	0.02	0.01	151.03	ppb
Arsenic	75-2	0.19	0.29	0.24	0.24	20.41	ppb
Barium	135-1	16.71	16.60	16.31	16.54	1.25	ppb
Barium	137-1	17.10	16.65	16.75	16.83	1.43	ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.19	3.60	4.11	3.97	7.98	ppb
Boron	11-1	4.19	4.13	4.46	4.26	4.10	ppb
Cadmium	111-1	-0.07	-0.09	-0.15	-0.10		ppb
Cadmium	106-1	-0.85	-1.11	-1.87	-1.27		ppb
Cadmium	108-1	0.04	0.13	0.04	0.07	80.67	ppb
Calcium	43-1	6315.75	6198.15	6283.24	6265.71	0.97	ppb
Calcium	44-1	6334.45	6364.88	6394.16	6364.50	0.47	ppb
Chromium	52-2	-0.01	0.00	-0.03	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	187.81	189.75	188.49	188.68	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.96	21.53	24.02	22.17	7.33	ppb
Iron	57-2	25.42	23.71	20.73	23.29	10.19	ppb
Lead	206-1	0.19	0.18	0.19	0.19	2.21	ppb
Lead	207-1	0.77	0.19	0.18	0.38	89.25	ppb
Lead	208-1	0.32	0.18	0.18	0.23	33.90	ppb
Lithium	6-1						%
Magnesium	24-2	1474.15	1478.09	1489.70	1480.65	0.55	ppb
Manganese	55-2	10.82	10.78	10.69	10.76	0.58	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-24	Instrumnet Name :	P7
Client Sample ID :	DC32521-24-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:57:21	DataFile Name :	065SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.04	0.04	5.59	ppb
Molybdenum	95-1	0.06	0.07	0.09	0.07	21.54	ppb
Molybdenum	96-1	0.05	0.06	0.07	0.06	15.73	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	27.20	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.64	0.65	0.66	4.68	ppb
Phosphorus	31-2	758.94	743.76	782.76	761.82	2.58	ppb
Potassium	39-2	600.88	598.56	599.89	599.78	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	0.00	-0.13	-0.46	-0.20		ppb
Selenium	82-1	0.09	0.30	0.75	0.38	88.95	ppb
Silicon	28-1	781.61	793.01	800.14	791.59	1.18	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.00	ppb
Silver	107-1	0.00	0.00	0.01	0.01	45.39	ppb
Sodium	23-2	10267.57	10285.79	10198.72	10250.69	0.45	ppb
Strontium	86-1	22.43	21.94	21.77	22.05	1.56	ppb
Strontium	88-1	22.05	22.06	22.07	22.06	0.06	ppb
Sulfur	34-1	1544.06	1553.77	1800.24	1632.69	8.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.22	0.20	0.20	0.20	5.65	ppb
Titanium	47-1	0.26	1.11	0.28	0.55	88.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	55.63	ppb
Vanadium	51-2	0.06	0.06	0.04	0.05	25.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	91.77	93.68	92.59	92.68	1.03	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	22.57	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-24	Instrumnet Name :	P7
Client Sample ID :	DC32521-24-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:57:21	DataFile Name :	065SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	14.18	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-25	Instrumnet Name :	P7
Client Sample ID :	DC32521-25-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:00:49	DataFile Name :	066SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.78	17.24	5.76	13.26	49.01	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	0.24	0.24	0.32	0.27	17.45	ppb
Barium	135-1	17.06	16.79	17.17	17.01	1.16	ppb
Barium	137-1	17.32	17.19	17.41	17.31	0.65	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.69	4.31	3.84	3.95	8.21	ppb
Boron	11-1	4.05	4.36	4.33	4.25	4.05	ppb
Cadmium	111-1	-0.12	-0.05	-0.16	-0.11		ppb
Cadmium	106-1	-1.60	-0.65	-2.09	-1.45		ppb
Cadmium	108-1	0.04	0.04	0.09	0.05	57.74	ppb
Calcium	43-1	6401.67	6367.79	6339.35	6369.60	0.49	ppb
Calcium	44-1	6445.07	6477.54	6429.38	6450.66	0.38	ppb
Chromium	52-2	0.01	0.03	0.02	0.02	59.62	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	224.39	223.76	225.58	224.58	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.30	20.29	22.09	21.23	4.26	ppb
Iron	57-2	21.10	19.62	20.89	20.53	3.90	ppb
Lead	206-1	0.42	0.43	0.40	0.42	2.62	ppb
Lead	207-1	0.38	0.37	0.38	0.38	1.95	ppb
Lead	208-1	0.40	0.41	0.40	0.40	1.48	ppb
Lithium	6-1						%
Magnesium	24-2	1480.08	1479.01	1488.52	1482.54	0.35	ppb
Manganese	55-2	10.41	10.26	10.70	10.46	2.12	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-25	Instrumnet Name :	P7
Client Sample ID :	DC32521-25-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:00:49	DataFile Name :	066SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.03	0.04	26.17	ppb
Molybdenum	95-1	0.03	0.04	0.07	0.05	35.58	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	14.78	ppb
Molybdenum	97-1	0.03	0.06	0.06	0.05	28.97	ppb
Molybdenum	98-1	0.04	0.03	0.06	0.04	28.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.80	0.79	0.81	2.70	ppb
Phosphorus	31-2	734.69	695.79	717.28	715.92	2.72	ppb
Potassium	39-2	601.60	598.35	596.42	598.79	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	-0.18	0.10	0.01	1968.66	ppb
Selenium	78-2	-0.43	-0.80	-0.72	-0.65		ppb
Selenium	82-1	0.48	0.23	1.08	0.60	72.68	ppb
Silicon	28-1	788.49	811.73	787.74	795.99	1.71	ppb
Silver	109-1	0.02	0.02	0.01	0.01	14.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.08	ppb
Sodium	23-2	10194.96	10149.21	10086.37	10143.51	0.54	ppb
Strontium	86-1	22.31	22.14	21.90	22.12	0.92	ppb
Strontium	88-1	22.32	22.44	22.08	22.28	0.83	ppb
Sulfur	34-1	1445.29	1501.72	1506.09	1484.37	2.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.35	0.33	0.34	0.34	3.19	ppb
Titanium	47-1	0.25	0.34	0.32	0.30	16.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	106.93	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	12.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	74.09	73.60	74.27	73.99	0.46	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	19.50	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-25	Instrumnet Name :	P7
Client Sample ID :	DC32521-25-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:00:49	DataFile Name :	066SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	32.78	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BL	Instrumnet Name :	P7
Client Sample ID :	PB98744BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:04:17	DataFile Name :	067SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	0.08	0.26	0.04	525.68	ppb
Antimony	121-1	-0.04	-0.03	-0.01	-0.03		ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	84.87	ppb
Barium	135-1	-0.09	-0.09	-0.08	-0.09		ppb
Barium	137-1	-0.06	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	-0.02	0.00	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.40	-0.09	-0.08	-0.19		ppb
Boron	11-1	0.25	0.22	0.21	0.23	10.70	ppb
Cadmium	111-1	-0.08	-0.02	-0.09	-0.07		ppb
Cadmium	106-1	-0.97	-0.28	-1.05	-0.77		ppb
Cadmium	108-1	0.00	0.03	0.01	0.01	110.15	ppb
Calcium	43-1	-2.21	-2.38	-1.84	-2.15		ppb
Calcium	44-1	-3.86	-4.31	-4.59	-4.25		ppb
Chromium	52-2	-0.04	-0.03	-0.02	-0.03		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	-0.32	-0.35	-0.32	-0.33		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.68	-0.71	-0.73	-0.71		ppb
Iron	57-2	-0.90	-1.14	-1.14	-1.06		ppb
Lead	206-1	-0.08	-0.08	-0.06	-0.07		ppb
Lead	207-1	-0.06	-0.06	-0.05	-0.06		ppb
Lead	208-1	-0.07	-0.07	-0.06	-0.07		ppb
Lithium	6-1						%
Magnesium	24-2	0.05	-0.03	-0.18	-0.05		ppb
Manganese	55-2	-0.07	-0.06	-0.08	-0.07		ppb

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BL	Instrumnet Name :	P7
Client Sample ID :	PB98744BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:04:17	DataFile Name :	067SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.02	0.01	116.28	ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	120.04	ppb
Molybdenum	97-1	0.00	0.02	0.03	0.02	70.70	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	84.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.14	-0.15	-0.14		ppb
Phosphorus	31-2	13.54	-3.16	12.14	7.50	123.46	ppb
Potassium	39-2	6.58	8.18	13.27	9.34	37.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.12	-0.18	-0.08		ppb
Selenium	78-2	-0.35	-0.92	0.04	-0.41		ppb
Selenium	82-1	-0.67	0.65	0.26	0.08	845.96	ppb
Silicon	28-1	-8.05	-7.29	-8.40	-7.91		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	8.79	8.47	6.93	8.06	12.28	ppb
Strontium	86-1	-0.03	0.04	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	877.12	911.68	854.93	881.24	3.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.00	0.00	0.01	0.00	302.33	ppb
Titanium	47-1	-0.20	-0.14	-0.21	-0.18		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.18	-0.19	-0.20	-0.19		ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BL	Instrumnet Name :	P7
Client Sample ID :	PB98744BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:04:17	DataFile Name :	067SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.01	0.00	0.00		ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BS	Instrumnet Name :	P7
Client Sample ID :	PB98744BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:07:45	DataFile Name :	068SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.11	7.77	8.58	8.16	5.02	ppb
Antimony	121-1	-0.05	-0.05	-0.04	-0.05		ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	885.83	ppb
Barium	135-1	-0.08	-0.08	-0.07	-0.08		ppb
Barium	137-1	-0.06	-0.06	-0.04	-0.05		ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.25	-0.52	-0.51	-0.43		ppb
Boron	11-1	-0.06	0.02	-0.05	-0.03		ppb
Cadmium	111-1	-0.13	-0.12	-0.10	-0.12		ppb
Cadmium	106-1	-1.52	-1.49	-1.18	-1.40		ppb
Cadmium	108-1	0.07	0.01	0.04	0.04	67.51	ppb
Calcium	43-1	1.11	1.30	1.50	1.30	14.88	ppb
Calcium	44-1	-2.05	-2.29	-1.51	-1.95		ppb
Chromium	52-2	0.03	0.05	0.06	0.04	36.09	ppb
Cobalt	59-2	-0.02	-0.03	-0.03	-0.02		ppb
Copper	63-2	-0.28	-0.32	-0.33	-0.31		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.97	1.88	1.66	1.84	8.57	ppb
Iron	57-2	1.43	1.24	1.26	1.31	8.17	ppb
Lead	206-1	508.08	491.66	485.44	495.06	2.36	ppb
Lead	207-1	485.31	488.88	481.75	485.31	0.74	ppb
Lead	208-1	504.57	502.31	495.35	500.74	0.96	ppb
Lithium	6-1						%
Magnesium	24-2	0.32	-0.15	0.38	0.18	159.89	ppb
Manganese	55-2	-0.03	-0.02	-0.03	-0.03		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BS	Instrumnet Name :	P7
Client Sample ID :	PB98744BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:07:45	DataFile Name :	068SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	270.31	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	38.05	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.02	14.09	ppb
Molybdenum	97-1	0.01	0.00	0.03	0.02	92.37	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	42.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.14	-0.11	-0.12		ppb
Phosphorus	31-2	0.21	7.64	6.80	4.88	83.32	ppb
Potassium	39-2	7.77	8.10	5.50	7.12	19.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.12	-0.18	-0.18	-0.08		ppb
Selenium	78-2	-0.89	-0.93	-0.38	-0.73		ppb
Selenium	82-1	0.67	0.90	0.28	0.62	51.27	ppb
Silicon	28-1	-9.82	-7.86	-8.18	-8.62		ppb
Silver	109-1	0.00	0.00	0.00	0.00	532.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00	224.12	ppb
Sodium	23-2	13.24	12.52	11.99	12.58	4.97	ppb
Strontium	86-1	0.17	0.01	0.01	0.06	149.78	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	46.16	ppb
Sulfur	34-1	823.59	917.69	1003.95	915.08	9.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.04	0.05	0.05	19.65	ppb
Titanium	47-1	-0.20	-0.20	-0.17	-0.19		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.67	0.78	0.73	0.72	7.51	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BS	Instrumnet Name :	P7
Client Sample ID :	PB98744BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:07:45	DataFile Name :	068SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-01	Instrumnet Name :	P7
Client Sample ID :	DC32463-01-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:11:13	DataFile Name :	069SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.37	8.98	11.57	10.31	12.55	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.25	0.22	0.23	0.24	6.60	ppb
Barium	135-1	17.57	17.34	17.51	17.47	0.69	ppb
Barium	137-1	17.65	17.61	17.48	17.58	0.50	ppb
Beryllium	9-1	-0.03	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.55	3.74	3.23	3.51	7.43	ppb
Boron	11-1	3.57	3.59	3.63	3.59	0.83	ppb
Cadmium	111-1	-0.05	-0.11	-0.13	-0.10		ppb
Cadmium	106-1	-0.55	-1.31	-1.66	-1.17		ppb
Cadmium	108-1	0.08	0.05	0.04	0.05	37.20	ppb
Calcium	43-1	6227.08	6264.29	6223.69	6238.35	0.36	ppb
Calcium	44-1	6394.23	6388.14	6402.33	6394.90	0.11	ppb
Chromium	52-2	0.00	0.02	-0.03	0.00		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	322.10	322.02	322.75	322.29	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16.31	16.06	17.60	16.66	4.95	ppb
Iron	57-2	20.78	18.62	18.70	19.37	6.35	ppb
Lead	206-1	0.02	0.01	0.02	0.02	42.19	ppb
Lead	207-1	0.02	0.02	0.01	0.02	29.73	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.17	ppb
Lithium	6-1						%
Magnesium	24-2	1542.84	1543.64	1523.68	1536.72	0.74	ppb
Manganese	55-2	7.79	7.82	7.86	7.83	0.45	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-01	Instrumnet Name :	P7
Client Sample ID :	DC32463-01-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:11:13	DataFile Name :	069SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	7.55	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	8.82	ppb
Molybdenum	96-1	0.03	0.04	0.06	0.04	29.86	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	30.96	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	18.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.23	23.39	22.95	23.19	0.96	ppb
Phosphorus	31-2	664.54	700.25	652.08	672.29	3.72	ppb
Potassium	39-2	605.83	607.82	615.37	609.68	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.11	0.39	-0.18	0.11	267.68	ppb
Selenium	78-2	-0.39	-0.49	-0.67	-0.52		ppb
Selenium	82-1	0.18	1.26	0.66	0.70	77.05	ppb
Silicon	28-1	836.56	843.95	836.69	839.06	0.50	ppb
Silver	109-1	0.00	0.00	0.00	0.00	64.54	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10227.51	10244.68	10112.16	10194.79	0.71	ppb
Strontium	86-1	21.81	21.50	22.00	21.77	1.16	ppb
Strontium	88-1	21.79	21.80	21.82	21.80	0.09	ppb
Sulfur	34-1	1877.53	1803.07	1835.51	1838.71	2.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.05	0.05	0.04	0.05	10.02	ppb
Titanium	47-1	0.24	0.27	0.25	0.25	4.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.03	0.05	0.04	20.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	230.18	229.99	230.17	230.11	0.05	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.48	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-01	Instrumnet Name :	P7
Client Sample ID :	DC32463-01-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:11:13	DataFile Name :	069SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	37.10	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-02	Instrumnet Name :	P7
Client Sample ID :	DC32463-02-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:14:41	DataFile Name :	070SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.59	14.93	13.25	13.92	6.37	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.26	0.42	0.23	0.30	34.01	ppb
Barium	135-1	19.69	19.74	19.79	19.74	0.26	ppb
Barium	137-1	19.44	19.67	19.90	19.67	1.16	ppb
Beryllium	9-1	-0.04	0.00	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.52	3.63	3.14	3.43	7.50	ppb
Boron	11-1	3.85	3.72	3.71	3.76	2.10	ppb
Cadmium	111-1	-0.11	-0.11	-0.11	-0.11		ppb
Cadmium	106-1	-1.39	-1.32	-1.35	-1.36		ppb
Cadmium	108-1	0.01	0.02	0.04	0.02	61.00	ppb
Calcium	43-1	6251.38	6274.16	6213.30	6246.28	0.49	ppb
Calcium	44-1	6359.60	6429.45	6397.19	6395.42	0.55	ppb
Chromium	52-2	0.00	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	251.52	251.89	254.60	252.67	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29.10	24.06	23.00	25.38	12.83	ppb
Iron	57-2	22.97	22.57	25.35	23.63	6.36	ppb
Lead	206-1	0.00	0.01	0.01	0.01	88.70	ppb
Lead	207-1	0.01	0.03	0.02	0.02	41.02	ppb
Lead	208-1	0.01	0.01	0.01	0.01	39.27	ppb
Lithium	6-1						%
Magnesium	24-2	1541.38	1543.18	1546.27	1543.61	0.16	ppb
Manganese	55-2	11.69	11.74	11.56	11.66	0.81	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-02	Instrumnet Name :	P7
Client Sample ID :	DC32463-02-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:14:41	DataFile Name :	070SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.04	0.04	17.61	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	25.46	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.04	8.27	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	41.44	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.82	0.88	0.83	4.62	ppb
Phosphorus	31-2	680.49	701.24	695.14	692.29	1.54	ppb
Potassium	39-2	616.43	613.36	617.26	615.69	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.11	-0.18	0.39	0.11	265.38	ppb
Selenium	78-2	-0.10	-0.25	-0.24	-0.19		ppb
Selenium	82-1	0.91	0.56	0.40	0.62	41.85	ppb
Silicon	28-1	820.83	822.17	842.37	828.46	1.46	ppb
Silver	109-1	0.00	0.00	0.00	0.00	2294.98	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	10229.39	10236.69	10256.15	10240.74	0.14	ppb
Strontium	86-1	22.11	21.63	21.92	21.88	1.09	ppb
Strontium	88-1	22.25	22.07	22.24	22.18	0.45	ppb
Sulfur	34-1	1844.87	1889.31	2035.50	1923.23	5.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.03	0.03	0.02	42.76	ppb
Titanium	47-1	0.28	0.24	0.31	0.28	13.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	100.81	ppb
Vanadium	51-2	0.03	0.04	0.04	0.04	12.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	25.55	25.79	25.84	25.73	0.60	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	3.95	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-02	Instrumnet Name :	P7
Client Sample ID :	DC32463-02-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:14:41	DataFile Name :	070SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.04	0.05	10.90	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:18:10	DataFile Name :	071CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9954.00	9874.52	9867.63	9898.72	0.48	ppb
Antimony	121-1	501.40	496.52	503.99	500.64	0.76	ppb
Arsenic	75-2	499.83	500.54	498.66	499.68	0.19	ppb
Barium	135-1	2507.76	2557.78	2554.68	2540.07	1.10	ppb
Barium	137-1	2513.17	2522.71	2560.39	2532.09	0.99	ppb
Beryllium	9-1	465.25	464.74	468.64	466.21	0.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	446.03	448.97	451.55	448.85	0.61	ppb
Boron	11-1	439.40	450.00	450.70	446.70	1.42	ppb
Cadmium	111-1	499.01	503.90	508.36	503.76	0.93	ppb
Cadmium	106-1	498.78	502.24	509.46	503.49	1.08	ppb
Cadmium	108-1	496.01	507.38	511.46	504.95	1.59	ppb
Calcium	43-1	49576.25	49711.82	49790.85	49692.97	0.22	ppb
Calcium	44-1	50464.36	50281.43	49932.50	50226.10	0.54	ppb
Chromium	52-2	511.70	510.11	508.72	510.18	0.29	ppb
Cobalt	59-2	519.80	520.08	517.18	519.02	0.31	ppb
Copper	63-2	983.40	982.77	981.48	982.55	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27282.09	27022.73	26857.44	27054.09	0.79	ppb
Iron	57-2	26695.16	26511.21	26454.59	26553.65	0.47	ppb
Lead	206-1	484.42	479.62	485.18	483.07	0.62	ppb
Lead	207-1	484.91	481.72	485.88	484.17	0.45	ppb
Lead	208-1	495.74	493.39	495.78	494.97	0.28	ppb
Lithium	6-1						%
Magnesium	24-2	51992.90	51696.52	51055.56	51581.66	0.93	ppb
Manganese	55-2	1045.23	1040.45	1038.77	1041.48	0.32	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:18:10	DataFile Name :	071CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.21	499.79	497.60	500.53	0.67	ppb
Molybdenum	95-1	503.48	500.24	495.84	499.85	0.77	ppb
Molybdenum	96-1	495.10	493.06	488.41	492.19	0.70	ppb
Molybdenum	97-1	506.08	502.20	496.61	501.63	0.95	ppb
Molybdenum	98-1	511.07	504.36	500.99	505.47	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.70	522.94	517.46	520.37	0.53	ppb
Phosphorus	31-2	10519.93	10680.47	10390.95	10530.45	1.38	ppb
Potassium	39-2	25097.77	24978.51	24854.10	24976.80	0.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	516.33	505.84	499.22	507.13	1.70	ppb
Selenium	78-2	503.94	509.91	521.11	511.65	1.70	ppb
Selenium	82-1	520.84	513.97	509.52	514.78	1.11	ppb
Silicon	28-1	617.38	619.19	617.89	618.15	0.15	ppb
Silver	109-1	503.07	511.82	516.23	510.37	1.31	ppb
Silver	107-1	503.97	503.39	510.65	506.00	0.80	ppb
Sodium	23-2	53899.47	53803.90	53103.44	53602.27	0.81	ppb
Strontium	86-1	513.44	514.76	512.02	513.41	0.27	ppb
Strontium	88-1	525.55	523.89	517.47	522.31	0.82	ppb
Sulfur	34-1	11230.67	11151.22	10875.07	11085.65	1.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	500.46	504.71	514.18	506.45	1.39	ppb
Thallium	205-1	507.18	506.23	510.01	507.81	0.39	ppb
Tin	118-1	501.49	504.13	514.58	506.73	1.37	ppb
Titanium	47-1	510.58	506.17	504.42	507.06	0.63	ppb
Uranium	238-1	481.97	475.34	480.17	479.16	0.71	ppb
Vanadium	51-2	510.77	508.92	507.14	508.94	0.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1012.80	1015.30	1011.91	1013.34	0.17	ppb
Zirconium	90-1	504.00	502.70	501.52	502.74	0.25	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:18:10	DataFile Name :	071CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.23	489.25	489.38	490.62	0.46	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:21:33	DataFile Name :	072CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.51	0.09	0.33	64.71	ppb
Antimony	121-1	1.43	1.66	1.86	1.65	12.99	ppb
Arsenic	75-2	0.51	0.56	0.51	0.53	5.65	ppb
Barium	135-1	0.01	0.01	-0.03	-0.01		ppb
Barium	137-1	0.03	0.01	0.00	0.01	175.48	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	31.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.49	6.97	6.27	7.24	15.67	ppb
Boron	11-1	8.42	7.57	7.26	7.75	7.77	ppb
Cadmium	111-1	-0.11	-0.12	-0.19	-0.14		ppb
Cadmium	106-1	-1.53	-1.65	-2.40	-1.86		ppb
Cadmium	108-1	0.03	0.04	0.05	0.04	32.11	ppb
Calcium	43-1	-0.19	2.18	-0.32	0.56	251.24	ppb
Calcium	44-1	-4.15	-4.18	-5.39	-4.57		ppb
Chromium	52-2	0.02	-0.01	-0.01	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.31	-0.28	-0.35	-0.31		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.90	0.89	0.84	0.88	3.87	ppb
Iron	57-2	1.12	0.61	0.39	0.71	53.16	ppb
Lead	206-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	207-1	0.00	-0.02	-0.03	-0.01		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	0.79	0.30	0.48	0.52	47.96	ppb
Manganese	55-2	-0.05	-0.04	-0.06	-0.05		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:21:33	DataFile Name :	072CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.23	0.31	0.24	23.27	ppb
Molybdenum	95-1	0.50	0.62	0.84	0.65	26.20	ppb
Molybdenum	96-1	0.41	0.58	0.72	0.57	27.05	ppb
Molybdenum	97-1	0.54	0.68	0.83	0.68	21.47	ppb
Molybdenum	98-1	0.50	0.65	0.86	0.67	27.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.12	-0.11	-0.13		ppb
Phosphorus	31-2	-7.21	3.01	-1.35	-1.85		ppb
Potassium	39-2	8.07	9.27	9.92	9.09	10.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.42	0.42	1.32	0.72	72.46	ppb
Selenium	78-2	0.62	0.55	0.46	0.54	15.27	ppb
Selenium	82-1	0.32	1.56	0.29	0.72	101.00	ppb
Silicon	28-1	-5.16	-6.35	-7.71	-6.41		ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.30	ppb
Silver	107-1	0.03	0.03	0.01	0.02	38.76	ppb
Sodium	23-2	12.84	14.36	13.01	13.40	6.20	ppb
Strontium	86-1	0.02	0.00	-0.09	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	19.21	ppb
Sulfur	34-1	494.91	438.15	483.16	472.07	6.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.07	0.08	0.08	12.67	ppb
Thallium	205-1	0.10	0.08	0.08	0.09	9.55	ppb
Tin	118-1	0.24	0.29	0.34	0.29	16.67	ppb
Titanium	47-1	-0.17	-0.22	-0.15	-0.18		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.19	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	30.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.14	-0.11	-0.17	-0.14		ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	4.93	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:21:33	DataFile Name :	072CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.03	0.04	33.38	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-03	Instrumnet Name :	P7
Client Sample ID :	DC32463-03-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:25:03	DataFile Name :	073SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.49	55.20	54.57	54.09	2.63	ppb
Antimony	121-1	0.47	0.49	0.57	0.51	9.62	ppb
Arsenic	75-2	0.42	0.40	0.39	0.40	3.45	ppb
Barium	135-1	16.81	16.55	16.58	16.65	0.85	ppb
Barium	137-1	16.82	16.55	16.58	16.65	0.90	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.53	6.07	5.72	5.77	4.74	ppb
Boron	11-1	6.59	6.43	6.76	6.59	2.47	ppb
Cadmium	111-1	-0.09	-0.06	-0.07	-0.08		ppb
Cadmium	106-1	-1.20	-0.85	-0.97	-1.00		ppb
Cadmium	108-1	0.02	0.02	0.04	0.03	30.05	ppb
Calcium	43-1	6196.49	6295.25	6271.02	6254.25	0.82	ppb
Calcium	44-1	6349.85	6449.08	6376.83	6391.92	0.80	ppb
Chromium	52-2	0.00	0.04	0.09	0.04	98.08	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	109.35	ppb
Copper	63-2	282.04	281.54	280.95	281.51	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28.40	22.72	22.51	24.54	13.62	ppb
Iron	57-2	24.92	24.18	24.17	24.42	1.78	ppb
Lead	206-1	0.03	0.03	0.05	0.04	29.94	ppb
Lead	207-1	0.03	0.07	0.06	0.06	42.00	ppb
Lead	208-1	0.03	0.04	0.05	0.04	26.05	ppb
Lithium	6-1						%
Magnesium	24-2	1523.26	1538.72	1519.14	1527.04	0.68	ppb
Manganese	55-2	11.32	11.21	11.31	11.28	0.55	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-03	Instrumnet Name :	P7
Client Sample ID :	DC32463-03-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:25:03	DataFile Name :	073SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.17	0.19	0.18	6.84	ppb
Molybdenum	95-1	0.14	0.19	0.27	0.20	33.06	ppb
Molybdenum	96-1	0.17	0.18	0.23	0.19	18.33	ppb
Molybdenum	97-1	0.14	0.16	0.27	0.19	35.26	ppb
Molybdenum	98-1	0.12	0.21	0.27	0.20	38.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.50	5.40	5.54	5.48	1.33	ppb
Phosphorus	31-2	630.25	650.52	573.38	618.05	6.47	ppb
Potassium	39-2	580.01	581.26	586.18	582.48	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.39	0.11	-0.18	0.11	268.01	ppb
Selenium	78-2	0.40	-0.15	-0.16	0.03	1112.62	ppb
Selenium	82-1	-0.17	0.38	0.56	0.26	146.15	ppb
Silicon	28-1	847.18	792.18	798.59	812.65	3.70	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.86	ppb
Silver	107-1	0.00	0.01	0.01	0.01	28.95	ppb
Sodium	23-2	10254.23	10195.90	10146.93	10199.02	0.53	ppb
Strontium	86-1	21.55	21.02	21.33	21.30	1.25	ppb
Strontium	88-1	21.42	21.43	21.50	21.45	0.21	ppb
Sulfur	34-1	1267.29	1549.14	1553.31	1456.58	11.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	47.07	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.06	ppb
Tin	118-1	0.14	0.16	0.16	0.15	6.82	ppb
Titanium	47-1	0.31	0.26	0.37	0.31	17.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	133.23	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	7.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	71.82	72.52	71.25	71.86	0.89	ppb
Zirconium	90-1	0.18	0.17	0.20	0.18	6.78	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-03	Instrumnet Name :	P7
Client Sample ID :	DC32463-03-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:25:03	DataFile Name :	073SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.15	0.17	0.16	4.45	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-04	Instrumnet Name :	P7
Client Sample ID :	DC32463-04-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:28:31	DataFile Name :	074SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	185.47	196.04	195.55	192.35	3.10	ppb
Antimony	121-1	0.14	0.14	0.16	0.15	6.75	ppb
Arsenic	75-2	0.34	0.31	0.39	0.35	12.15	ppb
Barium	135-1	16.79	16.35	16.67	16.60	1.38	ppb
Barium	137-1	16.80	16.19	16.72	16.57	2.00	ppb
Beryllium	9-1	0.00	-0.02	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.91	5.20	5.21	5.11	3.39	ppb
Boron	11-1	5.80	5.34	5.31	5.48	5.04	ppb
Cadmium	111-1	-0.19	-0.08	-0.13	-0.13		ppb
Cadmium	106-1	-2.41	-1.03	-1.69	-1.71		ppb
Cadmium	108-1	-0.03	0.00	0.01	-0.01		ppb
Calcium	43-1	6155.54	6040.30	6174.18	6123.34	1.18	ppb
Calcium	44-1	6240.90	6203.81	6271.68	6238.80	0.54	ppb
Chromium	52-2	-0.03	0.00	0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	49.48	ppb
Copper	63-2	138.32	138.80	137.76	138.30	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.59	21.92	22.85	22.12	2.95	ppb
Iron	57-2	26.46	24.34	30.17	26.99	10.94	ppb
Lead	206-1	0.01	0.00	0.01	0.01	61.75	ppb
Lead	207-1	0.02	0.03	0.01	0.02	37.36	ppb
Lead	208-1	0.01	0.01	0.01	0.01	39.71	ppb
Lithium	6-1						%
Magnesium	24-2	1495.85	1496.35	1517.77	1503.32	0.83	ppb
Manganese	55-2	9.73	9.42	9.61	9.59	1.60	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-04	Instrumnet Name :	P7
Client Sample ID :	DC32463-04-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:28:31	DataFile Name :	074SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.10	0.08	15.08	ppb
Molybdenum	95-1	0.08	0.11	0.15	0.12	32.53	ppb
Molybdenum	96-1	0.09	0.11	0.12	0.11	12.74	ppb
Molybdenum	97-1	0.11	0.11	0.15	0.12	16.59	ppb
Molybdenum	98-1	0.08	0.10	0.13	0.11	23.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.59	0.54	0.55	6.64	ppb
Phosphorus	31-2	672.62	728.38	623.75	674.92	7.76	ppb
Potassium	39-2	592.34	589.07	596.94	592.78	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.39	-0.18	0.01	2887.67	ppb
Selenium	78-2	-0.95	-0.35	0.01	-0.43		ppb
Selenium	82-1	0.38	-0.39	0.25	0.08	498.87	ppb
Silicon	28-1	817.02	800.48	833.64	817.04	2.03	ppb
Silver	109-1	0.00	0.01	0.00	0.00	97.84	ppb
Silver	107-1	0.00	0.00	0.00	0.00	262.10	ppb
Sodium	23-2	10268.33	10239.59	10177.84	10228.59	0.45	ppb
Strontium	86-1	21.53	20.95	20.92	21.14	1.63	ppb
Strontium	88-1	21.27	21.53	21.30	21.37	0.65	ppb
Sulfur	34-1	1381.42	1529.61	1824.28	1578.43	14.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	29.71	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	152.69	ppb
Tin	118-1	0.18	0.21	0.20	0.20	6.48	ppb
Titanium	47-1	0.24	0.19	0.34	0.26	28.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	270.49	ppb
Vanadium	51-2	0.08	0.06	0.06	0.06	21.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.77	9.22	9.21	9.40	3.42	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	10.45	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-04	Instrumnet Name :	P7
Client Sample ID :	DC32463-04-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:28:31	DataFile Name :	074SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.08	0.07	0.07	15.05	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-05	Instrumnet Name :	P7
Client Sample ID :	DC32463-05-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:32:00	DataFile Name :	075SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.10	112.97	115.31	113.80	1.16	ppb
Antimony	121-1	0.37	0.37	0.40	0.38	4.20	ppb
Arsenic	75-2	0.29	0.31	0.30	0.30	3.72	ppb
Barium	135-1	16.98	16.94	17.37	17.10	1.41	ppb
Barium	137-1	17.00	17.30	17.29	17.20	0.99	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.80	4.93	5.08	4.94	2.86	ppb
Boron	11-1	5.04	5.34	4.81	5.06	5.24	ppb
Cadmium	111-1	-0.08	-0.04	-0.11	-0.08		ppb
Cadmium	106-1	-0.92	-0.49	-1.45	-0.95		ppb
Cadmium	108-1	0.12	0.09	0.01	0.07	75.77	ppb
Calcium	43-1	6204.54	6270.72	6268.89	6248.05	0.60	ppb
Calcium	44-1	6318.48	6329.53	6346.00	6331.34	0.22	ppb
Chromium	52-2	-0.01	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.02	0.01	0.02	0.01	23.21	ppb
Copper	63-2	192.35	195.29	193.02	193.55	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.99	20.90	22.54	22.14	4.98	ppb
Iron	57-2	21.27	21.86	18.99	20.71	7.30	ppb
Lead	206-1	0.22	0.20	0.20	0.21	6.92	ppb
Lead	207-1	0.23	0.20	0.22	0.22	6.18	ppb
Lead	208-1	0.21	0.21	0.21	0.21	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	1506.66	1534.64	1506.14	1515.81	1.08	ppb
Manganese	55-2	10.03	9.97	10.07	10.02	0.48	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-05	Instrumnet Name :	P7
Client Sample ID :	DC32463-05-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:32:00	DataFile Name :	075SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.06	0.06	7.85	ppb
Molybdenum	95-1	0.07	0.08	0.13	0.09	34.99	ppb
Molybdenum	96-1	0.05	0.07	0.10	0.07	29.67	ppb
Molybdenum	97-1	0.05	0.08	0.10	0.08	31.04	ppb
Molybdenum	98-1	0.06	0.08	0.10	0.08	25.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.96	23.22	22.96	23.04	0.65	ppb
Phosphorus	31-2	608.99	639.93	599.55	616.16	3.43	ppb
Potassium	39-2	582.63	588.45	586.45	585.84	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	0.10	0.67	0.29	112.12	ppb
Selenium	78-2	0.00	0.05	-0.26	-0.07		ppb
Selenium	82-1	0.62	1.47	0.32	0.80	74.28	ppb
Silicon	28-1	808.47	805.26	813.97	809.24	0.54	ppb
Silver	109-1	0.00	0.01	0.00	0.00	42.55	ppb
Silver	107-1	0.00	0.00	0.00	0.00	144.28	ppb
Sodium	23-2	10111.48	10097.61	10075.99	10095.03	0.18	ppb
Strontium	86-1	21.04	21.59	21.61	21.41	1.52	ppb
Strontium	88-1	21.58	21.60	21.79	21.66	0.55	ppb
Sulfur	34-1	1434.19	1606.49	1521.28	1520.65	5.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	95.69	ppb
Tin	118-1	0.17	0.18	0.15	0.17	9.16	ppb
Titanium	47-1	0.34	0.24	0.26	0.28	18.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	13.92	ppb
Vanadium	51-2	0.06	0.06	0.04	0.05	21.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	260.81	266.71	261.86	263.13	1.20	ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	27.64	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-05	Instrumnet Name :	P7
Client Sample ID :	DC32463-05-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:32:00	DataFile Name :	075SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.05	0.04	46.76	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-06	Instrumnet Name :	P7
Client Sample ID :	DC32463-06-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:35:28	DataFile Name :	076SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	274.35	271.59	272.99	272.98	0.50	ppb
Antimony	121-1	0.16	0.16	0.23	0.18	21.43	ppb
Arsenic	75-2	0.30	0.34	0.32	0.32	6.42	ppb
Barium	135-1	16.88	17.11	16.79	16.93	0.96	ppb
Barium	137-1	17.21	16.97	16.59	16.92	1.86	ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	149.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.81	5.00	5.19	5.33	7.95	ppb
Boron	11-1	5.76	5.94	5.96	5.89	1.90	ppb
Cadmium	111-1	-0.16	-0.10	-0.14	-0.13		ppb
Cadmium	106-1	-2.00	-1.26	-1.81	-1.69		ppb
Cadmium	108-1	0.01	0.06	0.03	0.03	67.25	ppb
Calcium	43-1	5892.65	5872.98	5885.30	5883.64	0.17	ppb
Calcium	44-1	5975.92	5976.72	5936.93	5963.19	0.38	ppb
Chromium	52-2	0.27	0.20	0.18	0.22	19.96	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	14.82	ppb
Copper	63-2	167.10	165.82	165.52	166.14	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	36.12	35.63	35.26	35.67	1.21	ppb
Iron	57-2	37.05	37.75	37.34	37.38	0.94	ppb
Lead	206-1	0.07	0.08	0.06	0.07	10.62	ppb
Lead	207-1	0.05	0.06	0.07	0.06	14.31	ppb
Lead	208-1	0.07	0.06	0.06	0.06	5.79	ppb
Lithium	6-1						%
Magnesium	24-2	1435.81	1434.08	1418.45	1429.45	0.67	ppb
Manganese	55-2	13.37	13.07	13.18	13.21	1.13	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-06	Instrumnet Name :	P7
Client Sample ID :	DC32463-06-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:35:28	DataFile Name :	076SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.11	0.09	13.06	ppb
Molybdenum	95-1	0.04	0.07	0.08	0.06	33.38	ppb
Molybdenum	96-1	0.06	0.07	0.11	0.08	33.16	ppb
Molybdenum	97-1	0.06	0.09	0.10	0.08	26.14	ppb
Molybdenum	98-1	0.08	0.07	0.11	0.09	24.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.91	0.88	0.95	9.75	ppb
Phosphorus	31-2	687.10	689.04	666.14	680.76	1.86	ppb
Potassium	39-2	574.35	575.26	565.93	571.85	0.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.12	-0.08		ppb
Selenium	78-2	-0.11	-0.41	-0.39	-0.31		ppb
Selenium	82-1	1.28	0.88	1.45	1.21	24.27	ppb
Silicon	28-1	790.94	795.87	800.93	795.91	0.63	ppb
Silver	109-1	0.00	0.01	0.01	0.00	74.36	ppb
Silver	107-1	0.01	0.00	0.00	0.00	115.53	ppb
Sodium	23-2	9829.60	9583.10	9489.99	9634.23	1.82	ppb
Strontium	86-1	20.51	20.25	20.16	20.30	0.90	ppb
Strontium	88-1	20.76	20.53	20.43	20.58	0.82	ppb
Sulfur	34-1	2587.61	2462.01	2383.35	2477.66	4.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	76.06	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	24.78	ppb
Tin	118-1	0.37	0.36	0.38	0.37	1.80	ppb
Titanium	47-1	0.46	0.30	0.32	0.36	24.29	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.35	ppb
Vanadium	51-2	0.06	0.06	0.07	0.07	6.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.75	10.76	11.12	11.21	4.45	ppb
Zirconium	90-1	0.08	0.09	0.09	0.09	11.44	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-06	Instrumnet Name :	P7
Client Sample ID :	DC32463-06-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:35:28	DataFile Name :	076SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.09	0.09	9.58	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-07	Instrumnet Name :	P7
Client Sample ID :	DC32463-07-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:38:56	DataFile Name :	077SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.83	37.18	35.23	36.74	3.67	ppb
Antimony	121-1	0.19	0.20	0.19	0.19	3.36	ppb
Arsenic	75-2	0.19	0.26	0.26	0.24	15.00	ppb
Barium	135-1	17.64	17.43	17.54	17.54	0.59	ppb
Barium	137-1	17.62	17.38	17.64	17.55	0.82	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.71	4.32	3.71	3.91	9.04	ppb
Boron	11-1	3.76	4.21	4.38	4.12	7.76	ppb
Cadmium	111-1	-0.15	-0.10	-0.07	-0.11		ppb
Cadmium	106-1	-2.01	-1.30	-0.93	-1.41		ppb
Cadmium	108-1	0.02	0.05	0.05	0.04	39.45	ppb
Calcium	43-1	6228.92	6168.15	6207.98	6201.68	0.50	ppb
Calcium	44-1	6364.98	6416.40	6355.36	6378.91	0.51	ppb
Chromium	52-2	0.05	0.06	0.03	0.04	30.35	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	400.29	401.52	401.52	401.11	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.38	18.28	19.55	18.74	3.76	ppb
Iron	57-2	19.05	19.32	21.27	19.88	6.10	ppb
Lead	206-1	0.45	0.48	0.46	0.46	3.39	ppb
Lead	207-1	0.43	0.43	0.43	0.43	0.37	ppb
Lead	208-1	0.44	0.44	0.45	0.44	1.10	ppb
Lithium	6-1						%
Magnesium	24-2	1531.37	1517.14	1515.36	1521.29	0.58	ppb
Manganese	55-2	8.78	8.61	8.63	8.68	1.04	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-07	Instrumnet Name :	P7
Client Sample ID :	DC32463-07-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:38:56	DataFile Name :	077SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.08	0.07	20.54	ppb
Molybdenum	95-1	0.07	0.06	0.06	0.06	6.81	ppb
Molybdenum	96-1	0.05	0.04	0.06	0.05	23.83	ppb
Molybdenum	97-1	0.04	0.08	0.07	0.06	30.59	ppb
Molybdenum	98-1	0.04	0.04	0.10	0.06	55.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.29	0.29	0.29	0.92	ppb
Phosphorus	31-2	674.41	639.26	727.33	680.33	6.52	ppb
Potassium	39-2	598.65	594.23	601.69	598.19	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.39	0.01	3378.63	ppb
Selenium	78-2	-0.50	-1.06	-0.61	-0.72		ppb
Selenium	82-1	1.37	-0.33	0.27	0.44	198.34	ppb
Silicon	28-1	817.96	811.88	807.75	812.53	0.63	ppb
Silver	109-1	0.00	0.00	0.00	0.00	300.17	ppb
Silver	107-1	0.00	0.00	0.00	0.00	72.87	ppb
Sodium	23-2	10204.81	10175.94	10255.85	10212.20	0.40	ppb
Strontium	86-1	21.61	21.63	21.23	21.49	1.06	ppb
Strontium	88-1	21.69	21.81	21.97	21.83	0.65	ppb
Sulfur	34-1	1422.91	1519.13	1577.24	1506.43	5.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.80	0.84	0.79	0.81	3.59	ppb
Titanium	47-1	0.28	0.29	0.32	0.30	7.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.04	0.04	0.05	29.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	175.76	175.47	175.39	175.54	0.11	ppb
Zirconium	90-1	0.06	0.07	0.06	0.06	10.56	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-07	Instrumnet Name :	P7
Client Sample ID :	DC32463-07-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:38:56	DataFile Name :	077SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.06	0.04	0.14	108.79	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-08	Instrumnet Name :	P7
Client Sample ID :	DC32463-08-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:42:24	DataFile Name :	078SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.10	15.68	78.26	36.68	98.18	ppb
Antimony	121-1	-0.01	-0.01	0.01	0.00		ppb
Arsenic	75-2	0.26	0.25	0.29	0.27	6.76	ppb
Barium	135-1	17.40	17.55	17.66	17.54	0.75	ppb
Barium	137-1	17.70	17.78	17.59	17.69	0.56	ppb
Beryllium	9-1	-0.01	-0.02	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.28	3.36	4.16	3.93	12.73	ppb
Boron	11-1	3.96	4.00	3.95	3.97	0.67	ppb
Cadmium	111-1	-0.14	-0.09	-0.16	-0.13		ppb
Cadmium	106-1	-1.79	-1.18	-2.01	-1.66		ppb
Cadmium	108-1	0.00	0.04	0.07	0.03	106.91	ppb
Calcium	43-1	6258.41	6145.96	6219.35	6207.91	0.92	ppb
Calcium	44-1	6303.19	6373.25	6359.47	6345.30	0.58	ppb
Chromium	52-2	0.01	-0.01	0.02	0.01	228.99	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	46.80	46.44	46.83	46.69	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	77.27	80.83	79.78	79.29	2.30	ppb
Iron	57-2	77.66	81.07	77.92	78.88	2.40	ppb
Lead	206-1	0.09	0.09	0.07	0.08	16.31	ppb
Lead	207-1	0.09	0.07	0.11	0.09	20.87	ppb
Lead	208-1	0.07	0.08	0.07	0.08	4.74	ppb
Lithium	6-1						%
Magnesium	24-2	1480.07	1492.79	1492.06	1488.30	0.48	ppb
Manganese	55-2	15.36	15.62	15.47	15.48	0.83	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-08	Instrumnet Name :	P7
Client Sample ID :	DC32463-08-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:42:24	DataFile Name :	078SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.05	0.04	21.73	ppb
Molybdenum	95-1	0.03	0.04	0.06	0.04	39.12	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	23.42	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	23.79	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.04	22.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.13	0.11	0.13	7.90	ppb
Phosphorus	31-2	737.95	719.53	771.65	743.04	3.56	ppb
Potassium	39-2	602.10	593.92	599.92	598.65	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.40	-0.18	0.01	2429.39	ppb
Selenium	78-2	-0.44	-0.65	-0.89	-0.66		ppb
Selenium	82-1	0.64	0.83	0.98	0.82	20.67	ppb
Silicon	28-1	823.75	814.35	812.86	816.99	0.72	ppb
Silver	109-1	0.00	0.00	0.00	0.00	366.54	ppb
Silver	107-1	0.01	0.00	0.00	0.00	293.68	ppb
Sodium	23-2	10101.12	10115.91	10234.22	10150.42	0.72	ppb
Strontium	86-1	21.39	21.07	21.29	21.25	0.76	ppb
Strontium	88-1	21.86	21.66	21.40	21.64	1.06	ppb
Sulfur	34-1	1835.83	1755.66	1887.87	1826.45	3.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.81	0.84	0.82	0.82	1.46	ppb
Titanium	47-1	0.44	0.46	0.51	0.47	8.23	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.07	ppb
Vanadium	51-2	0.05	0.06	0.06	0.06	11.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.20	7.49	7.65	7.45	3.13	ppb
Zirconium	90-1	0.03	0.02	0.02	0.03	13.73	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-08	Instrumnet Name :	P7
Client Sample ID :	DC32463-08-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:42:24	DataFile Name :	078SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	55.46	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-09	Instrumnet Name :	P7
Client Sample ID :	DC32463-09-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:45:52	DataFile Name :	079SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.35	33.34	32.52	33.07	1.44	ppb
Antimony	121-1	0.00	0.03	0.04	0.02	96.06	ppb
Arsenic	75-2	0.24	0.27	0.21	0.24	11.12	ppb
Barium	135-1	17.34	17.82	17.26	17.47	1.72	ppb
Barium	137-1	17.52	17.61	17.36	17.50	0.71	ppb
Beryllium	9-1	-0.01	-0.03	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.56	2.95	3.68	3.40	11.50	ppb
Boron	11-1	3.94	3.82	3.76	3.84	2.39	ppb
Cadmium	111-1	-0.06	-0.09	-0.17	-0.11		ppb
Cadmium	106-1	-0.76	-1.05	-2.13	-1.31		ppb
Cadmium	108-1	0.07	0.15	0.11	0.11	39.74	ppb
Calcium	43-1	6212.14	6111.86	6115.26	6146.42	0.93	ppb
Calcium	44-1	6282.35	6243.29	6227.78	6251.14	0.45	ppb
Chromium	52-2	0.01	-0.04	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	157.87	157.87	158.40	158.05	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	62.73	61.45	65.10	63.09	2.94	ppb
Iron	57-2	65.79	69.15	63.65	66.20	4.19	ppb
Lead	206-1	0.67	0.67	0.66	0.67	1.21	ppb
Lead	207-1	0.62	0.62	0.62	0.62	0.25	ppb
Lead	208-1	0.63	0.64	0.64	0.63	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	1504.46	1494.55	1514.95	1504.66	0.68	ppb
Manganese	55-2	11.73	11.78	11.58	11.70	0.89	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-09	Instrumnet Name :	P7
Client Sample ID :	DC32463-09-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:45:52	DataFile Name :	079SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.04	0.03	7.70	ppb
Molybdenum	95-1	0.03	0.03	0.06	0.04	38.66	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	5.41	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	13.84	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.04	29.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.83	0.80	0.82	2.07	ppb
Phosphorus	31-2	686.95	707.87	695.07	696.63	1.51	ppb
Potassium	39-2	600.40	593.29	596.74	596.81	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.11	0.11	0.11	0.11	0.48	ppb
Selenium	78-2	0.15	-0.13	-0.53	-0.17		ppb
Selenium	82-1	0.63	0.24	0.47	0.45	44.69	ppb
Silicon	28-1	807.44	831.99	801.41	813.61	1.99	ppb
Silver	109-1	0.00	0.00	0.00	0.00	145.14	ppb
Silver	107-1	0.01	0.00	0.00	0.00	409.48	ppb
Sodium	23-2	10241.90	10222.43	10195.37	10219.90	0.23	ppb
Strontium	86-1	21.43	21.32	21.50	21.41	0.42	ppb
Strontium	88-1	21.57	21.70	21.55	21.61	0.39	ppb
Sulfur	34-1	1972.41	1955.12	1917.22	1948.25	1.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.17	0.19	0.18	0.18	5.17	ppb
Titanium	47-1	0.36	0.43	0.37	0.39	10.13	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	50.47	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	16.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	257.11	256.41	257.74	257.09	0.26	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	37.66	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-09	Instrumnet Name :	P7
Client Sample ID :	DC32463-09-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:45:52	DataFile Name :	079SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	21.35	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-10	Instrumnet Name :	P7
Client Sample ID :	DC32463-10-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:49:20	DataFile Name :	080SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.94	67.76	68.64	67.78	1.25	ppb
Antimony	121-1	-0.04	-0.03	-0.02	-0.03		ppb
Arsenic	75-2	0.21	0.24	0.30	0.25	17.38	ppb
Barium	135-1	17.57	17.92	17.49	17.66	1.28	ppb
Barium	137-1	18.00	17.50	17.55	17.68	1.56	ppb
Beryllium	9-1	-0.03	-0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.94	4.32	3.81	4.02	6.51	ppb
Boron	11-1	3.85	3.69	4.01	3.85	4.18	ppb
Cadmium	111-1	-0.14	-0.13	-0.08	-0.12		ppb
Cadmium	106-1	-1.81	-1.62	-1.02	-1.48		ppb
Cadmium	108-1	-0.02	0.02	0.00	0.00	1996.36	ppb
Calcium	43-1	6253.01	6222.77	6263.95	6246.58	0.34	ppb
Calcium	44-1	6273.13	6343.89	6301.64	6306.22	0.56	ppb
Chromium	52-2	-0.02	0.01	0.00	0.00		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	37.80	37.25	37.28	37.44	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99.69	98.07	103.53	100.43	2.79	ppb
Iron	57-2	99.87	99.63	98.61	99.37	0.67	ppb
Lead	206-1	0.13	0.16	0.15	0.15	9.68	ppb
Lead	207-1	0.14	0.14	0.14	0.14	3.05	ppb
Lead	208-1	0.15	0.14	0.14	0.14	1.46	ppb
Lithium	6-1						%
Magnesium	24-2	1493.33	1497.02	1505.57	1498.64	0.42	ppb
Manganese	55-2	13.12	13.15	12.66	12.98	2.09	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-10	Instrumnet Name :	P7
Client Sample ID :	DC32463-10-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:49:20	DataFile Name :	080SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.03	0.03	21.80	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	10.18	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	19.30	ppb
Molybdenum	97-1	0.04	0.05	0.02	0.04	36.76	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.04	31.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.22	0.18	0.18	22.60	ppb
Phosphorus	31-2	675.22	756.84	717.83	716.63	5.70	ppb
Potassium	39-2	592.52	592.56	595.12	593.40	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.39	0.11	-0.18	0.11	268.83	ppb
Selenium	78-2	-0.87	0.12	-0.52	-0.43		ppb
Selenium	82-1	0.13	0.81	0.44	0.46	74.33	ppb
Silicon	28-1	816.42	834.92	813.31	821.55	1.42	ppb
Silver	109-1	0.00	0.00	0.00	0.00	315.83	ppb
Silver	107-1	0.00	0.00	0.00	0.00	180.75	ppb
Sodium	23-2	10175.58	10220.62	10248.12	10214.77	0.36	ppb
Strontium	86-1	21.46	21.49	21.93	21.63	1.21	ppb
Strontium	88-1	21.74	21.91	21.82	21.82	0.40	ppb
Sulfur	34-1	1754.38	1755.81	1799.57	1769.92	1.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.20	0.21	0.20	0.20	1.93	ppb
Titanium	47-1	0.39	0.47	0.42	0.43	9.01	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	27.56	ppb
Vanadium	51-2	0.04	0.06	0.07	0.06	31.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.74	7.14	7.70	7.52	4.49	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	23.86	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-10	Instrumnet Name :	P7
Client Sample ID :	DC32463-10-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:49:20	DataFile Name :	080SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	27.68	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-11	Instrumnet Name :	P7
Client Sample ID :	DC32463-11-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:52:48	DataFile Name :	081SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.23	35.56	44.21	40.67	11.15	ppb
Antimony	121-1	0.06	0.06	0.05	0.06	10.92	ppb
Arsenic	75-2	0.26	0.22	0.27	0.25	10.17	ppb
Barium	135-1	17.38	17.44	17.74	17.52	1.11	ppb
Barium	137-1	17.94	17.59	17.39	17.64	1.59	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.38	3.36	3.68	3.47	5.17	ppb
Boron	11-1	3.84	3.71	3.95	3.83	3.08	ppb
Cadmium	111-1	-0.05	-0.12	-0.17	-0.11		ppb
Cadmium	106-1	-0.64	-1.41	-2.15	-1.40		ppb
Cadmium	108-1	0.04	0.06	0.05	0.05	25.91	ppb
Calcium	43-1	6311.09	6237.13	6271.14	6273.12	0.59	ppb
Calcium	44-1	6410.28	6355.26	6365.39	6376.98	0.46	ppb
Chromium	52-2	0.01	0.00	0.00	0.00	127.95	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	207.59	207.22	206.55	207.12	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.24	48.82	48.01	48.36	0.86	ppb
Iron	57-2	51.23	53.00	49.78	51.33	3.14	ppb
Lead	206-1	1.04	1.04	1.05	1.04	0.78	ppb
Lead	207-1	0.96	0.92	0.95	0.94	2.49	ppb
Lead	208-1	1.01	0.97	0.99	0.99	1.66	ppb
Lithium	6-1						%
Magnesium	24-2	1501.82	1519.33	1517.74	1512.96	0.64	ppb
Manganese	55-2	13.20	12.93	13.22	13.12	1.24	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-11	Instrumnet Name :	P7
Client Sample ID :	DC32463-11-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:52:48	DataFile Name :	081SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.03	0.03	22.03	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	23.23	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	19.27	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	11.53	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	7.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.29	0.43	0.34	23.68	ppb
Phosphorus	31-2	676.89	727.69	718.88	707.82	3.83	ppb
Potassium	39-2	587.25	588.67	608.02	594.65	1.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.11	-0.18	-0.08		ppb
Selenium	78-2	-0.47	-0.67	-0.78	-0.64		ppb
Selenium	82-1	0.45	1.41	0.67	0.84	60.24	ppb
Silicon	28-1	827.07	814.56	823.43	821.69	0.78	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10167.65	10259.33	10296.29	10241.09	0.65	ppb
Strontium	86-1	21.82	21.58	21.55	21.65	0.70	ppb
Strontium	88-1	21.93	22.02	21.66	21.87	0.88	ppb
Sulfur	34-1	1681.53	1674.79	1782.93	1713.08	3.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.36	0.35	0.38	0.36	3.76	ppb
Titanium	47-1	0.39	0.29	0.38	0.35	15.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	51.49	ppb
Vanadium	51-2	0.04	0.04	0.05	0.04	11.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	275.14	273.65	271.43	273.41	0.68	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	29.20	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-11	Instrumnet Name :	P7
Client Sample ID :	DC32463-11-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:52:48	DataFile Name :	081SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.02	0.01	82.41	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-12	Instrumnet Name :	P7
Client Sample ID :	DC32463-12-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:56:17	DataFile Name :	082SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	182.46	176.07	179.01	179.18	1.79	ppb
Antimony	121-1	-0.03	-0.04	-0.04	-0.04		ppb
Arsenic	75-2	0.32	0.23	0.28	0.28	15.78	ppb
Barium	135-1	18.26	17.83	17.69	17.93	1.66	ppb
Barium	137-1	17.93	17.86	18.02	17.93	0.44	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.40	3.74	3.89	4.01	8.59	ppb
Boron	11-1	3.77	3.75	3.76	3.76	0.27	ppb
Cadmium	111-1	-0.10	-0.11	-0.10	-0.10		ppb
Cadmium	106-1	-1.19	-1.39	-1.26	-1.28		ppb
Cadmium	108-1	0.03	0.05	-0.02	0.02	169.73	ppb
Calcium	43-1	6160.43	6093.07	6196.57	6150.02	0.85	ppb
Calcium	44-1	6334.36	6212.07	6303.99	6283.47	1.01	ppb
Chromium	52-2	0.01	0.00	0.04	0.02	98.32	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	13.46	ppb
Copper	63-2	35.82	36.07	36.32	36.07	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	63.36	61.68	62.09	62.38	1.40	ppb
Iron	57-2	62.64	61.96	62.29	62.30	0.55	ppb
Lead	206-1	0.12	0.13	0.10	0.12	11.83	ppb
Lead	207-1	0.11	0.13	0.12	0.12	8.74	ppb
Lead	208-1	0.11	0.11	0.11	0.11	2.83	ppb
Lithium	6-1						%
Magnesium	24-2	1489.24	1491.30	1497.76	1492.77	0.30	ppb
Manganese	55-2	15.61	14.42	14.70	14.91	4.15	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-12	Instrumnet Name :	P7
Client Sample ID :	DC32463-12-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:56:17	DataFile Name :	082SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.03	25.28	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	4.72	ppb
Molybdenum	96-1	0.04	0.04	0.06	0.05	31.95	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	15.32	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	7.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.14	0.22	0.17	22.83	ppb
Phosphorus	31-2	712.18	720.73	723.08	718.67	0.80	ppb
Potassium	39-2	594.20	595.85	611.60	600.55	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.11	-0.08		ppb
Selenium	78-2	-0.93	-0.46	-0.71	-0.70		ppb
Selenium	82-1	0.00	0.33	0.53	0.28	94.96	ppb
Silicon	28-1	824.68	805.45	846.08	825.40	2.46	ppb
Silver	109-1	0.00	0.00	0.01	0.00	74.21	ppb
Silver	107-1	0.00	0.00	0.00	0.00	1288.01	ppb
Sodium	23-2	10109.83	10207.53	10323.67	10213.68	1.05	ppb
Strontium	86-1	21.50	21.49	21.76	21.58	0.70	ppb
Strontium	88-1	21.82	21.79	21.85	21.82	0.12	ppb
Sulfur	34-1	1696.39	1594.73	1858.75	1716.63	7.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.22	0.22	0.22	0.22	1.57	ppb
Titanium	47-1	0.42	0.41	0.43	0.42	2.81	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.67	ppb
Vanadium	51-2	0.06	0.06	0.06	0.06	2.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.47	4.34	4.47	4.42	1.68	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.82	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-12	Instrumnet Name :	P7
Client Sample ID :	DC32463-12-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:56:17	DataFile Name :	082SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.01	0.01	107.10	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:24:10	DataFile Name :	090SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9926.27	9896.71	9860.88	9894.62	0.33	ppb
Antimony	121-1	510.18	513.66	505.89	509.91	0.76	ppb
Arsenic	75-2	500.25	505.15	507.32	504.24	0.72	ppb
Barium	135-1	2564.63	2591.15	2588.58	2581.45	0.57	ppb
Barium	137-1	2553.05	2590.06	2586.05	2576.39	0.79	ppb
Beryllium	9-1	473.77	476.85	475.62	475.41	0.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	446.46	458.62	455.53	453.54	1.39	ppb
Boron	11-1	452.71	455.22	457.13	455.02	0.49	ppb
Cadmium	111-1	512.00	512.34	517.06	513.80	0.55	ppb
Cadmium	106-1	517.24	515.33	516.93	516.50	0.20	ppb
Cadmium	108-1	517.75	514.49	521.03	517.76	0.63	ppb
Calcium	43-1	50206.23	49653.16	50167.81	50009.07	0.62	ppb
Calcium	44-1	50905.03	50402.84	51059.91	50789.26	0.68	ppb
Chromium	52-2	511.51	511.09	513.56	512.05	0.26	ppb
Cobalt	59-2	520.88	519.36	521.43	520.55	0.21	ppb
Copper	63-2	1005.85	1000.46	1010.68	1005.66	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26856.43	26875.74	26848.01	26860.06	0.05	ppb
Iron	57-2	26265.74	26181.39	26260.53	26235.89	0.18	ppb
Lead	206-1	489.82	480.35	492.16	487.44	1.28	ppb
Lead	207-1	489.14	480.49	492.26	487.30	1.25	ppb
Lead	208-1	499.81	495.02	505.15	499.99	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	51614.12	51706.32	51536.75	51619.06	0.16	ppb
Manganese	55-2	1044.25	1047.48	1048.17	1046.63	0.20	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:24:10	DataFile Name :	090SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	517.11	509.33	507.90	511.44	0.97	ppb
Molybdenum	95-1	508.54	503.83	503.19	505.19	0.58	ppb
Molybdenum	96-1	503.58	495.75	496.02	498.45	0.89	ppb
Molybdenum	97-1	517.53	504.99	503.41	508.64	1.52	ppb
Molybdenum	98-1	521.73	518.14	512.23	517.37	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.77	520.13	523.80	521.90	0.35	ppb
Phosphorus	31-2	10537.64	10471.09	10571.62	10526.78	0.49	ppb
Potassium	39-2	25464.36	25096.29	25064.19	25208.28	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	512.97	516.57	512.75	514.10	0.42	ppb
Selenium	78-2	514.97	519.01	517.45	517.14	0.39	ppb
Selenium	82-1	526.05	519.09	521.81	522.32	0.67	ppb
Silicon	28-1	561.74	559.98	573.44	565.05	1.29	ppb
Silver	109-1	511.74	514.97	523.15	516.62	1.14	ppb
Silver	107-1	514.50	521.57	520.64	518.90	0.74	ppb
Sodium	23-2	52640.56	52729.81	52803.74	52724.70	0.15	ppb
Strontium	86-1	518.25	511.58	511.09	513.64	0.78	ppb
Strontium	88-1	523.76	521.56	524.62	523.31	0.30	ppb
Sulfur	34-1	11640.10	11498.73	11793.55	11644.13	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.44	507.80	513.17	510.80	0.54	ppb
Thallium	205-1	510.96	510.09	512.68	511.24	0.26	ppb
Tin	118-1	515.73	517.98	516.56	516.76	0.22	ppb
Titanium	47-1	515.12	508.59	516.34	513.35	0.81	ppb
Uranium	238-1	489.08	494.13	491.67	491.63	0.51	ppb
Vanadium	51-2	510.63	513.08	510.75	511.49	0.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1034.35	1036.62	1038.19	1036.39	0.19	ppb
Zirconium	90-1	513.81	508.30	508.11	510.07	0.63	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:24:10	DataFile Name :	090SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.49	498.99	499.08	499.86	0.28	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:27:34	DataFile Name :	091SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.38	0.21	0.30	29.76	ppb
Antimony	121-1	1.46	1.69	1.93	1.69	13.76	ppb
Arsenic	75-2	0.49	0.53	0.55	0.53	6.03	ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.02	0.01	0.01	0.01	70.60	ppb
Beryllium	9-1	0.04	0.03	0.01	0.02	71.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.25	7.58	7.09	7.64	7.59	ppb
Boron	11-1	8.84	8.54	7.02	8.13	12.01	ppb
Cadmium	111-1	-0.03	-0.07	-0.05	-0.05		ppb
Cadmium	106-1	-0.48	-0.93	-0.78	-0.73		ppb
Cadmium	108-1	0.03	0.00	0.04	0.02	97.26	ppb
Calcium	43-1	-1.74	-0.96	-1.39	-1.36		ppb
Calcium	44-1	-4.41	-4.47	-4.79	-4.55		ppb
Chromium	52-2	0.02	-0.01	-0.04	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.44	-0.39	-0.44	-0.42		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.76	0.65	0.80	0.74	10.40	ppb
Iron	57-2	0.76	0.00	0.35	0.37	103.20	ppb
Lead	206-1	-0.03	-0.06	-0.05	-0.05		ppb
Lead	207-1	-0.02	-0.02	-0.03	-0.03		ppb
Lead	208-1	-0.04	-0.04	-0.04	-0.04		ppb
Lithium	6-1						%
Magnesium	24-2	0.59	0.36	0.13	0.36	62.70	ppb
Manganese	55-2	-0.05	-0.06	-0.04	-0.05		ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:27:34	DataFile Name :	091SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.27	0.31	0.25	26.83	ppb
Molybdenum	95-1	0.54	0.69	0.94	0.72	27.71	ppb
Molybdenum	96-1	0.47	0.57	0.78	0.61	25.88	ppb
Molybdenum	97-1	0.54	0.76	0.91	0.74	25.46	ppb
Molybdenum	98-1	0.53	0.69	0.89	0.70	25.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.13	-0.16	-0.13		ppb
Phosphorus	31-2	7.07	-2.77	3.79	2.70	185.88	ppb
Potassium	39-2	9.78	10.54	11.25	10.52	6.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.12	0.72	1.31	0.71	83.19	ppb
Selenium	78-2	0.27	0.98	0.62	0.62	56.89	ppb
Selenium	82-1	1.00	0.38	0.56	0.65	49.84	ppb
Silicon	28-1	-6.97	-6.39	-7.03	-6.80		ppb
Silver	109-1	0.02	0.02	0.01	0.02	16.62	ppb
Silver	107-1	0.01	0.01	0.01	0.01	1.88	ppb
Sodium	23-2	13.12	14.98	14.18	14.10	6.63	ppb
Strontium	86-1	-0.01	0.09	-0.01	0.03	239.18	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.76	ppb
Sulfur	34-1	679.77	837.80	754.46	757.34	10.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.09	0.07	0.08	10.98	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	11.61	ppb
Tin	118-1	0.24	0.28	0.36	0.30	20.52	ppb
Titanium	47-1	-0.15	-0.18	-0.19	-0.17		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.42	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	103.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.11	-0.13	-0.15	-0.13		ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	11.14	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:27:34	DataFile Name :	091SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.06	0.05	20.78	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-13	Instrumnet Name :	P7
Client Sample ID :	DC32463-13-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:31:04	DataFile Name :	092SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.79	27.06	30.55	27.47	10.56	ppb
Antimony	121-1	0.30	0.35	0.37	0.34	10.00	ppb
Arsenic	75-2	0.34	0.35	0.45	0.38	15.82	ppb
Barium	135-1	17.84	18.11	17.72	17.89	1.13	ppb
Barium	137-1	17.71	18.24	18.13	18.03	1.54	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	1774.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.32	6.48	5.59	6.13	7.77	ppb
Boron	11-1	6.61	6.84	6.73	6.73	1.69	ppb
Cadmium	111-1	-0.07	-0.04	-0.17	-0.09		ppb
Cadmium	106-1	-0.96	-0.54	-2.24	-1.24		ppb
Cadmium	108-1	0.08	0.02	0.04	0.05	58.96	ppb
Calcium	43-1	6281.97	6169.34	6218.20	6223.17	0.91	ppb
Calcium	44-1	6373.09	6306.06	6321.92	6333.69	0.55	ppb
Chromium	52-2	-0.02	0.01	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	139.10	140.12	139.26	139.49	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	77.65	80.17	77.09	78.30	2.10	ppb
Iron	57-2	83.17	79.58	82.13	81.63	2.26	ppb
Lead	206-1	0.64	0.66	0.66	0.65	1.44	ppb
Lead	207-1	0.60	0.60	0.64	0.61	3.77	ppb
Lead	208-1	0.62	0.63	0.64	0.63	1.66	ppb
Lithium	6-1						%
Magnesium	24-2	1501.38	1511.19	1497.12	1503.23	0.48	ppb
Manganese	55-2	17.84	18.12	17.69	17.88	1.23	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-13	Instrumnet Name :	P7
Client Sample ID :	DC32463-13-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:31:04	DataFile Name :	092SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.20	0.25	0.21	13.94	ppb
Molybdenum	95-1	0.14	0.21	0.25	0.20	27.58	ppb
Molybdenum	96-1	0.18	0.18	0.22	0.19	12.80	ppb
Molybdenum	97-1	0.14	0.20	0.27	0.20	32.29	ppb
Molybdenum	98-1	0.16	0.19	0.22	0.19	15.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.22	0.24	0.22	4.99	ppb
Phosphorus	31-2	712.69	676.60	719.38	702.89	3.27	ppb
Potassium	39-2	600.19	608.92	603.27	604.13	0.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.68	0.11	-0.18	0.21	213.54	ppb
Selenium	78-2	-0.32	0.18	-0.08	-0.07		ppb
Selenium	82-1	1.37	1.02	0.66	1.02	34.81	ppb
Silicon	28-1	807.55	805.88	807.10	806.84	0.11	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.91	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.32	ppb
Sodium	23-2	10156.96	10240.60	10174.45	10190.67	0.43	ppb
Strontium	86-1	21.53	21.66	21.68	21.62	0.38	ppb
Strontium	88-1	21.89	21.78	21.77	21.81	0.30	ppb
Sulfur	34-1	1872.17	1852.78	1825.71	1850.22	1.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	29.03	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	35.85	ppb
Tin	118-1	2.70	2.73	2.68	2.70	1.07	ppb
Titanium	47-1	0.47	0.49	0.59	0.52	12.14	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	29.90	ppb
Vanadium	51-2	0.05	0.06	0.05	0.05	12.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	100.16	101.50	101.51	101.06	0.77	ppb
Zirconium	90-1	0.20	0.20	0.22	0.20	5.19	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-13	Instrumnet Name :	P7
Client Sample ID :	DC32463-13-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:31:04	DataFile Name :	092SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.18	0.19	0.18	4.10	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-14	Instrumnet Name :	P7
Client Sample ID :	DC32463-14-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:34:32	DataFile Name :	093SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	203.01	191.35	205.82	200.06	3.83	ppb
Antimony	121-1	0.09	0.11	0.12	0.11	14.69	ppb
Arsenic	75-2	0.32	0.27	0.35	0.31	12.06	ppb
Barium	135-1	17.57	17.70	17.80	17.69	0.66	ppb
Barium	137-1	17.59	17.77	17.84	17.74	0.74	ppb
Beryllium	9-1	-0.02	0.00	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.16	4.81	5.00	4.99	3.57	ppb
Boron	11-1	5.43	5.71	5.33	5.49	3.59	ppb
Cadmium	111-1	-0.07	-0.10	-0.08	-0.08		ppb
Cadmium	106-1	-0.95	-1.18	-0.98	-1.04		ppb
Cadmium	108-1	0.00	-0.02	0.02	0.00	2219.81	ppb
Calcium	43-1	6183.39	6226.10	6205.03	6204.84	0.34	ppb
Calcium	44-1	6345.72	6331.32	6308.68	6328.57	0.29	ppb
Chromium	52-2	0.01	0.01	-0.01	0.00	400.00	ppb
Cobalt	59-2	0.01	0.02	0.01	0.02	43.86	ppb
Copper	63-2	35.26	35.88	35.47	35.54	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.84	42.20	42.81	42.95	1.93	ppb
Iron	57-2	42.96	44.06	45.92	44.31	3.38	ppb
Lead	206-1	0.08	0.10	0.07	0.08	15.26	ppb
Lead	207-1	0.10	0.08	0.08	0.08	12.33	ppb
Lead	208-1	0.08	0.09	0.08	0.08	6.68	ppb
Lithium	6-1						%
Magnesium	24-2	1513.91	1506.00	1502.57	1507.49	0.39	ppb
Manganese	55-2	12.74	12.93	12.92	12.86	0.84	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-14	Instrumnet Name :	P7
Client Sample ID :	DC32463-14-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:34:32	DataFile Name :	093SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.10	0.10	0.09	17.71	ppb
Molybdenum	95-1	0.10	0.13	0.16	0.13	23.91	ppb
Molybdenum	96-1	0.09	0.10	0.15	0.11	27.97	ppb
Molybdenum	97-1	0.11	0.09	0.13	0.11	19.69	ppb
Molybdenum	98-1	0.10	0.10	0.14	0.11	22.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.20	0.08	0.12	55.47	ppb
Phosphorus	31-2	701.65	734.84	725.20	720.56	2.37	ppb
Potassium	39-2	604.92	603.71	591.40	600.01	1.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.39	0.11	0.11	262.47	ppb
Selenium	78-2	-0.40	-0.86	-0.10	-0.45		ppb
Selenium	82-1	1.42	0.76	0.57	0.92	48.66	ppb
Silicon	28-1	836.21	829.64	837.74	834.53	0.52	ppb
Silver	109-1	0.00	0.00	0.00	0.00	55.24	ppb
Silver	107-1	0.00	0.00	0.00	0.00	14.00	ppb
Sodium	23-2	10237.06	10172.20	10205.02	10204.76	0.32	ppb
Strontium	86-1	21.31	21.99	21.16	21.49	2.05	ppb
Strontium	88-1	21.72	21.89	21.72	21.78	0.45	ppb
Sulfur	34-1	1537.46	1648.48	1725.16	1637.03	5.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	63.03	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	63.51	ppb
Tin	118-1	0.25	0.28	0.27	0.27	7.15	ppb
Titanium	47-1	0.38	0.72	0.44	0.51	35.23	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	34.43	ppb
Vanadium	51-2	0.08	0.08	0.06	0.07	13.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.24	4.21	4.59	4.35	4.88	ppb
Zirconium	90-1	0.10	0.06	0.09	0.08	21.73	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-14	Instrumnet Name :	P7
Client Sample ID :	DC32463-14-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:34:32	DataFile Name :	093SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.09	0.07	0.07	29.69	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-15	Instrumnet Name :	P7
Client Sample ID :	DC32463-15-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:38:01	DataFile Name :	094SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.98	9.35	15.31	14.21	31.06	ppb
Antimony	121-1	0.05	0.08	0.09	0.08	27.26	ppb
Arsenic	75-2	0.27	0.21	0.27	0.25	13.73	ppb
Barium	135-1	17.47	16.93	16.98	17.13	1.74	ppb
Barium	137-1	17.16	17.24	17.00	17.13	0.70	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.71	4.52	4.40	4.55	3.43	ppb
Boron	11-1	4.54	4.61	4.54	4.56	0.96	ppb
Cadmium	111-1	-0.09	-0.08	-0.10	-0.09		ppb
Cadmium	106-1	-1.10	-0.91	-1.20	-1.07		ppb
Cadmium	108-1	0.00	0.01	0.01	0.00	158.72	ppb
Calcium	43-1	6241.56	6274.44	6196.27	6237.42	0.63	ppb
Calcium	44-1	6311.56	6270.95	6293.67	6292.06	0.32	ppb
Chromium	52-2	-0.02	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	181.35	180.89	180.95	181.06	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29.43	24.21	25.03	26.22	10.71	ppb
Iron	57-2	35.20	23.13	24.60	27.64	23.83	ppb
Lead	206-1	0.05	0.06	0.05	0.05	5.32	ppb
Lead	207-1	0.05	0.03	0.04	0.04	25.93	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.33	ppb
Lithium	6-1						%
Magnesium	24-2	1499.93	1492.37	1499.71	1497.34	0.29	ppb
Manganese	55-2	11.06	11.04	11.21	11.10	0.85	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-15	Instrumnet Name :	P7
Client Sample ID :	DC32463-15-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:38:01	DataFile Name :	094SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.08	0.07	19.99	ppb
Molybdenum	95-1	0.07	0.09	0.11	0.09	22.81	ppb
Molybdenum	96-1	0.07	0.08	0.09	0.08	12.34	ppb
Molybdenum	97-1	0.07	0.08	0.10	0.08	21.87	ppb
Molybdenum	98-1	0.06	0.07	0.11	0.08	33.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.34	0.39	0.37	8.30	ppb
Phosphorus	31-2	709.17	716.45	688.25	704.62	2.08	ppb
Potassium	39-2	599.25	597.07	592.20	596.18	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.10	0.11	0.01	1584.42	ppb
Selenium	78-2	-0.10	-0.55	-0.92	-0.53		ppb
Selenium	82-1	0.67	0.79	0.43	0.63	29.53	ppb
Silicon	28-1	789.95	794.03	813.95	799.31	1.61	ppb
Silver	109-1	0.00	0.00	0.00	0.00	159.65	ppb
Silver	107-1	0.00	0.00	0.01	0.00	1575.50	ppb
Sodium	23-2	10190.68	10314.59	10349.38	10284.89	0.81	ppb
Strontium	86-1	21.40	21.66	21.21	21.42	1.04	ppb
Strontium	88-1	21.75	21.84	21.63	21.74	0.49	ppb
Sulfur	34-1	1487.43	1511.60	1490.18	1496.40	0.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.13	0.16	0.13	0.14	11.05	ppb
Titanium	47-1	0.32	0.44	0.30	0.35	22.43	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.49	ppb
Vanadium	51-2	0.04	0.03	0.03	0.04	19.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.36	8.89	8.67	8.64	3.04	ppb
Zirconium	90-1	0.04	0.06	0.06	0.05	16.61	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-15	Instrumnet Name :	P7
Client Sample ID :	DC32463-15-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:38:01	DataFile Name :	094SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.05	0.04	15.81	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-16	Instrumnet Name :	P7
Client Sample ID :	DC32463-16-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:41:30	DataFile Name :	095SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.63	10.19	10.80	10.54	2.99	ppb
Antimony	121-1	0.08	0.09	0.09	0.08	6.69	ppb
Arsenic	75-2	0.24	0.28	0.32	0.28	14.22	ppb
Barium	135-1	17.25	17.49	17.48	17.41	0.79	ppb
Barium	137-1	17.20	17.51	17.37	17.36	0.89	ppb
Beryllium	9-1	-0.03	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.79	3.98	3.90	3.89	2.48	ppb
Boron	11-1	4.31	4.07	4.45	4.28	4.49	ppb
Cadmium	111-1	-0.09	-0.16	-0.07	-0.11		ppb
Cadmium	106-1	-1.10	-2.03	-0.90	-1.35		ppb
Cadmium	108-1	0.03	0.04	-0.03	0.01	271.53	ppb
Calcium	43-1	6251.30	6211.09	6260.77	6241.05	0.42	ppb
Calcium	44-1	6384.58	6382.79	6398.18	6388.51	0.13	ppb
Chromium	52-2	0.05	0.02	-0.03	0.02	246.61	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	190.88	192.60	190.01	191.16	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.96	46.12	46.32	46.13	0.39	ppb
Iron	57-2	51.18	46.89	46.40	48.15	5.46	ppb
Lead	206-1	0.10	0.09	0.09	0.10	8.88	ppb
Lead	207-1	0.09	0.10	0.10	0.10	7.75	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.64	ppb
Lithium	6-1						%
Magnesium	24-2	1507.20	1515.75	1501.73	1508.23	0.47	ppb
Manganese	55-2	12.66	12.57	12.69	12.64	0.48	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-16	Instrumnet Name :	P7
Client Sample ID :	DC32463-16-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:41:30	DataFile Name :	095SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.05	0.06	13.84	ppb
Molybdenum	95-1	0.05	0.06	0.09	0.07	26.84	ppb
Molybdenum	96-1	0.06	0.03	0.07	0.05	39.14	ppb
Molybdenum	97-1	0.06	0.08	0.08	0.07	12.58	ppb
Molybdenum	98-1	0.05	0.05	0.08	0.06	28.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.59	0.65	0.62	4.57	ppb
Phosphorus	31-2	710.91	747.30	701.18	719.80	3.38	ppb
Potassium	39-2	595.06	600.17	599.12	598.12	0.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.11	0.11	0.02	1017.90	ppb
Selenium	78-2	-0.42	-0.37	-0.75	-0.51		ppb
Selenium	82-1	-0.14	0.09	0.26	0.07	286.37	ppb
Silicon	28-1	798.72	798.22	800.36	799.10	0.14	ppb
Silver	109-1	0.00	0.00	0.00	0.00	887.61	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	10304.19	10436.84	10356.62	10365.88	0.64	ppb
Strontium	86-1	21.05	21.49	21.81	21.45	1.77	ppb
Strontium	88-1	21.69	21.61	21.89	21.73	0.66	ppb
Sulfur	34-1	1494.02	1703.12	1942.64	1713.26	13.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.29	0.32	0.33	0.32	6.22	ppb
Titanium	47-1	0.36	0.61	0.37	0.45	32.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.26	ppb
Vanadium	51-2	0.04	0.06	0.04	0.04	20.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	14.64	14.34	14.83	14.60	1.69	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	8.98	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-16	Instrumnet Name :	P7
Client Sample ID :	DC32463-16-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:41:30	DataFile Name :	095SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.05	0.03	72.47	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-17	Instrumnet Name :	P7
Client Sample ID :	DC32463-17-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:44:58	DataFile Name :	096SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.43	8.38	9.26	9.69	16.16	ppb
Antimony	121-1	0.03	0.01	0.03	0.02	47.31	ppb
Arsenic	75-2	0.22	0.26	0.27	0.25	9.95	ppb
Barium	135-1	17.01	17.23	16.83	17.02	1.19	ppb
Barium	137-1	17.04	17.04	17.01	17.03	0.09	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.06	4.04	3.84	3.98	3.01	ppb
Boron	11-1	4.12	4.04	4.03	4.06	1.22	ppb
Cadmium	111-1	-0.05	-0.13	-0.10	-0.09		ppb
Cadmium	106-1	-0.61	-1.59	-1.33	-1.17		ppb
Cadmium	108-1	0.00	0.04	-0.02	0.01	523.87	ppb
Calcium	43-1	6164.33	6163.69	6124.02	6150.68	0.38	ppb
Calcium	44-1	6285.18	6273.44	6274.98	6277.87	0.10	ppb
Chromium	52-2	-0.02	0.01	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	192.16	192.31	190.03	191.50	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.77	22.83	27.45	24.35	11.03	ppb
Iron	57-2	27.89	24.93	24.75	25.86	6.81	ppb
Lead	206-1	0.09	0.09	0.09	0.09	5.48	ppb
Lead	207-1	0.08	0.08	0.10	0.09	17.44	ppb
Lead	208-1	0.08	0.08	0.08	0.08	2.43	ppb
Lithium	6-1						%
Magnesium	24-2	1498.38	1501.71	1497.91	1499.34	0.14	ppb
Manganese	55-2	10.48	10.45	11.17	10.70	3.77	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-17	Instrumnet Name :	P7
Client Sample ID :	DC32463-17-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:44:58	DataFile Name :	096SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.04	0.04	12.81	ppb
Molybdenum	95-1	0.03	0.04	0.07	0.05	41.51	ppb
Molybdenum	96-1	0.05	0.04	0.07	0.05	23.03	ppb
Molybdenum	97-1	0.06	0.07	0.05	0.06	18.48	ppb
Molybdenum	98-1	0.04	0.06	0.06	0.05	23.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.15	0.17	0.17	8.52	ppb
Phosphorus	31-2	720.75	675.56	738.40	711.57	4.56	ppb
Potassium	39-2	588.40	584.37	596.90	589.89	1.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.68	0.11	456.03	ppb
Selenium	78-2	-0.23	-0.38	0.16	-0.15		ppb
Selenium	82-1	0.83	-0.34	1.57	0.69	139.54	ppb
Silicon	28-1	802.26	785.46	798.77	795.50	1.11	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10319.45	10285.38	10272.85	10292.56	0.23	ppb
Strontium	86-1	21.43	21.40	21.74	21.52	0.87	ppb
Strontium	88-1	21.78	21.60	21.75	21.71	0.44	ppb
Sulfur	34-1	1740.91	1975.65	1956.30	1890.95	6.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.06	0.06	0.06	0.06	4.05	ppb
Titanium	47-1	0.32	0.37	0.33	0.34	9.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	105.03	ppb
Vanadium	51-2	0.05	0.03	0.05	0.05	27.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	15.38	14.81	15.24	15.14	1.96	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	16.51	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-17	Instrumnet Name :	P7
Client Sample ID :	DC32463-17-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:44:58	DataFile Name :	096SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.02	0.04	59.52	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-18	Instrumnet Name :	P7
Client Sample ID :	DC3246-18-FL1-H-W2-BI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:48:26	DataFile Name :	097SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.13	6.88	14.05	10.35	34.69	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	27.04	ppb
Arsenic	75-2	0.25	0.25	0.22	0.24	6.08	ppb
Barium	135-1	17.60	16.68	17.50	17.26	2.92	ppb
Barium	137-1	17.42	17.06	17.36	17.28	1.11	ppb
Beryllium	9-1	-0.01	0.00	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.05	2.93	3.36	3.45	16.41	ppb
Boron	11-1	3.96	3.58	3.71	3.75	5.19	ppb
Cadmium	111-1	-0.15	-0.13	-0.09	-0.12		ppb
Cadmium	106-1	-1.90	-1.55	-1.08	-1.51		ppb
Cadmium	108-1	0.02	0.05	0.01	0.03	74.03	ppb
Calcium	43-1	6172.53	6149.70	6057.23	6126.49	1.00	ppb
Calcium	44-1	6335.32	6256.50	6200.82	6264.21	1.08	ppb
Chromium	52-2	0.00	-0.02	0.02	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	263.42	265.17	265.52	264.70	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.53	23.46	24.93	23.64	5.11	ppb
Iron	57-2	23.20	25.10	26.60	24.96	6.82	ppb
Lead	206-1	0.05	0.05	0.03	0.04	26.45	ppb
Lead	207-1	0.05	0.02	0.05	0.04	41.15	ppb
Lead	208-1	0.04	0.03	0.04	0.04	8.40	ppb
Lithium	6-1						%
Magnesium	24-2	1501.74	1503.82	1509.23	1504.93	0.26	ppb
Manganese	55-2	10.20	10.18	10.18	10.19	0.11	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-18	Instrumnet Name :	P7
Client Sample ID :	DC3246-18-FL1-H-W2-Bl	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:48:26	DataFile Name :	097SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.03	0.03	12.50	ppb
Molybdenum	95-1	0.04	0.05	0.06	0.05	16.93	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	4.73	ppb
Molybdenum	97-1	0.03	0.04	0.06	0.05	33.29	ppb
Molybdenum	98-1	0.03	0.04	0.06	0.04	43.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.19	0.16	0.17	9.35	ppb
Phosphorus	31-2	692.36	673.12	660.95	675.48	2.35	ppb
Potassium	39-2	589.64	597.86	598.73	595.41	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.13	-0.18	-0.08		ppb
Selenium	78-2	-0.07	-0.28	-0.45	-0.27		ppb
Selenium	82-1	0.62	0.16	0.58	0.45	57.06	ppb
Silicon	28-1	800.86	789.48	790.72	793.69	0.79	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10359.12	10343.35	10214.59	10305.68	0.77	ppb
Strontium	86-1	21.30	21.63	21.28	21.40	0.91	ppb
Strontium	88-1	21.60	21.84	21.70	21.71	0.56	ppb
Sulfur	34-1	1786.22	1725.97	1669.11	1727.10	3.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.08	0.07	0.07	16.14	ppb
Titanium	47-1	0.59	0.47	0.43	0.50	16.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.45	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	13.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	22.16	22.34	22.37	22.29	0.51	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.43	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-18	Instrumnet Name :	P7
Client Sample ID :	DC3246-18-FL1-H-W2-BI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:48:26	DataFile Name :	097SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	12.34	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-19	Instrumnet Name :	P7
Client Sample ID :	DC32463-19-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:51:55	DataFile Name :	098SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.15	21.83	21.74	21.91	0.98	ppb
Antimony	121-1	0.14	0.18	0.16	0.16	11.83	ppb
Arsenic	75-2	0.29	0.25	0.21	0.25	14.30	ppb
Barium	135-1	19.22	18.88	18.87	18.99	1.04	ppb
Barium	137-1	19.59	19.26	18.92	19.26	1.73	ppb
Beryllium	9-1	-0.01	-0.02	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.07	3.82	3.73	3.54	11.49	ppb
Boron	11-1	3.65	3.91	3.92	3.82	4.02	ppb
Cadmium	111-1	-0.15	-0.11	-0.18	-0.15		ppb
Cadmium	106-1	-1.92	-1.29	-2.23	-1.82		ppb
Cadmium	108-1	0.00	0.08	0.06	0.05	93.78	ppb
Calcium	43-1	6228.29	6306.65	6282.13	6272.36	0.64	ppb
Calcium	44-1	6334.31	6384.16	6371.19	6363.22	0.41	ppb
Chromium	52-2	-0.02	0.01	0.05	0.01	298.62	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	167.33	167.91	166.43	167.22	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.53	25.62	26.69	25.94	2.48	ppb
Iron	57-2	27.37	28.22	25.16	26.91	5.86	ppb
Lead	206-1	0.08	0.09	0.07	0.08	11.29	ppb
Lead	207-1	0.07	0.08	0.08	0.08	8.69	ppb
Lead	208-1	0.07	0.07	0.08	0.07	7.71	ppb
Lithium	6-1						%
Magnesium	24-2	1540.35	1508.39	1509.61	1519.45	1.19	ppb
Manganese	55-2	9.92	10.09	10.00	10.00	0.84	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-19	Instrumnet Name :	P7
Client Sample ID :	DC32463-19-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:51:55	DataFile Name :	098SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.02	0.03	24.59	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	6.16	ppb
Molybdenum	96-1	0.03	0.04	0.06	0.04	40.94	ppb
Molybdenum	97-1	0.04	0.04	0.06	0.05	35.44	ppb
Molybdenum	98-1	0.04	0.03	0.05	0.04	23.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.77	18.05	18.10	18.31	2.18	ppb
Phosphorus	31-2	661.92	714.80	656.82	677.85	4.74	ppb
Potassium	39-2	598.26	591.79	591.30	593.78	0.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.12	-0.18	-0.08		ppb
Selenium	78-2	-0.48	-0.74	-0.38	-0.54		ppb
Selenium	82-1	0.61	1.08	-0.17	0.50	125.42	ppb
Silicon	28-1	812.39	817.98	825.41	818.59	0.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00	175.98	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10233.04	10230.30	10214.59	10225.98	0.10	ppb
Strontium	86-1	21.83	21.60	21.47	21.64	0.83	ppb
Strontium	88-1	21.98	22.22	21.85	22.02	0.84	ppb
Sulfur	34-1	1597.83	1766.97	1939.02	1767.94	9.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.04	0.03	0.04	12.48	ppb
Titanium	47-1	0.39	0.34	0.30	0.34	14.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	118.55	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	9.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	255.97	255.60	256.36	255.98	0.15	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	11.34	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-19	Instrumnet Name :	P7
Client Sample ID :	DC32463-19-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:51:55	DataFile Name :	098SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	32.83	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-20	Instrumnet Name :	P7
Client Sample ID :	DC32463-20-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:55:23	DataFile Name :	099SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.03	11.11	10.89	10.35	11.05	ppb
Antimony	121-1	-0.03	-0.04	-0.03	-0.03		ppb
Arsenic	75-2	0.25	0.21	0.29	0.25	15.13	ppb
Barium	135-1	17.25	17.57	17.02	17.28	1.59	ppb
Barium	137-1	17.11	17.48	17.30	17.30	1.07	ppb
Beryllium	9-1	-0.03	-0.02	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.64	3.10	3.42	3.39	7.96	ppb
Boron	11-1	3.95	3.77	3.72	3.81	3.13	ppb
Cadmium	111-1	-0.20	-0.15	-0.15	-0.17		ppb
Cadmium	106-1	-2.49	-1.92	-1.90	-2.10		ppb
Cadmium	108-1	0.01	0.00	0.02	0.01	137.76	ppb
Calcium	43-1	6254.83	6228.73	6183.22	6222.26	0.58	ppb
Calcium	44-1	6335.88	6316.48	6331.28	6327.88	0.16	ppb
Chromium	52-2	0.01	0.01	0.00	0.01	36.71	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	15.57	15.56	15.67	15.60	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	35.03	36.95	37.43	36.47	3.48	ppb
Iron	57-2	37.27	34.01	36.28	35.85	4.66	ppb
Lead	206-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	207-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.03	-0.03	-0.02	-0.03		ppb
Lithium	6-1						%
Magnesium	24-2	1488.66	1486.59	1489.09	1488.12	0.09	ppb
Manganese	55-2	9.71	9.88	9.71	9.77	1.01	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-20	Instrumnet Name :	P7
Client Sample ID :	DC32463-20-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:55:23	DataFile Name :	099SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.03	0.03	16.18	ppb
Molybdenum	95-1	0.02	0.03	0.04	0.03	19.58	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	12.03	ppb
Molybdenum	97-1	0.03	0.05	0.06	0.05	30.56	ppb
Molybdenum	98-1	0.02	0.03	0.05	0.04	42.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.39	0.36	0.38	5.39	ppb
Phosphorus	31-2	738.99	735.74	729.94	734.89	0.62	ppb
Potassium	39-2	597.70	586.80	597.09	593.86	1.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.26	-0.89	0.20	-0.31		ppb
Selenium	82-1	1.17	0.59	0.85	0.87	33.46	ppb
Silicon	28-1	802.41	807.05	798.45	802.64	0.54	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	10229.60	10015.17	10083.94	10109.57	1.08	ppb
Strontium	86-1	21.65	21.24	21.72	21.54	1.20	ppb
Strontium	88-1	21.42	21.55	21.67	21.55	0.59	ppb
Sulfur	34-1	1385.47	1492.79	1599.35	1492.54	7.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.28	0.31	0.34	0.31	9.41	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	28.06	ppb
Vanadium	51-2	0.04	0.04	0.05	0.04	12.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.26	7.05	6.95	7.08	2.24	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	7.92	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-20	Instrumnet Name :	P7
Client Sample ID :	DC32463-20-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:55:23	DataFile Name :	099SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.03	0.02	69.11	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-21	Instrumnet Name :	P7
Client Sample ID :	DC32463-21-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:58:51	DataFile Name :	100SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.84	37.40	36.77	35.67	6.93	ppb
Antimony	121-1	0.10	0.09	0.10	0.10	6.64	ppb
Arsenic	75-2	0.27	0.28	0.21	0.25	16.16	ppb
Barium	135-1	18.76	18.34	18.70	18.60	1.22	ppb
Barium	137-1	18.79	18.53	18.53	18.61	0.81	ppb
Beryllium	9-1	-0.03	-0.03	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.69	3.72	4.01	3.47	20.08	ppb
Boron	11-1	3.70	3.92	3.95	3.86	3.54	ppb
Cadmium	111-1	-0.14	-0.14	-0.20	-0.16		ppb
Cadmium	106-1	-1.77	-1.84	-2.45	-2.02		ppb
Cadmium	108-1	0.01	0.01	0.02	0.02	52.43	ppb
Calcium	43-1	6329.63	6379.37	6298.38	6335.80	0.64	ppb
Calcium	44-1	6511.63	6472.29	6454.62	6479.51	0.45	ppb
Chromium	52-2	0.02	0.00	-0.01	0.00	497.84	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	139.87	138.88	138.21	138.99	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	32.75	31.30	31.07	31.71	2.89	ppb
Iron	57-2	31.45	35.01	35.52	33.99	6.52	ppb
Lead	206-1	0.04	0.04	0.05	0.04	18.08	ppb
Lead	207-1	0.06	0.06	0.06	0.06	7.00	ppb
Lead	208-1	0.04	0.04	0.05	0.05	12.67	ppb
Lithium	6-1						%
Magnesium	24-2	1510.86	1500.75	1501.64	1504.42	0.37	ppb
Manganese	55-2	10.70	10.67	10.21	10.53	2.61	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-21	Instrumnet Name :	P7
Client Sample ID :	DC32463-21-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:58:51	DataFile Name :	100SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.02	0.02	33.60	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	6.30	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	2.58	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	7.67	ppb
Molybdenum	98-1	0.03	0.05	0.04	0.04	19.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.67	28.38	28.70	28.58	0.63	ppb
Phosphorus	31-2	719.59	716.01	658.60	698.07	4.90	ppb
Potassium	39-2	603.68	593.84	601.34	599.62	0.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.11	-0.08		ppb
Selenium	78-2	-0.50	-0.27	0.12	-0.22		ppb
Selenium	82-1	1.82	-0.55	-0.28	0.33	395.19	ppb
Silicon	28-1	819.06	816.84	813.58	816.49	0.34	ppb
Silver	109-1	0.00	0.00	0.00	0.00	191.79	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10258.78	10138.90	10088.85	10162.18	0.86	ppb
Strontium	86-1	21.77	21.91	21.40	21.70	1.22	ppb
Strontium	88-1	22.07	21.95	21.88	21.97	0.45	ppb
Sulfur	34-1	1596.76	1795.77	1731.29	1707.94	5.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.07	0.07	0.08	0.08	5.75	ppb
Titanium	47-1	0.27	0.35	0.37	0.33	15.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.33	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	1.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	37.98	37.96	37.20	37.71	1.18	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	15.95	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-21	Instrumnet Name :	P7
Client Sample ID :	DC32463-21-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:58:51	DataFile Name :	100SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	79.24	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-22	Instrumnet Name :	P7
Client Sample ID :	DC32463-22-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:02:19	DataFile Name :	101SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.22	21.09	26.22	23.84	10.83	ppb
Antimony	121-1	-0.03	-0.04	-0.02	-0.03		ppb
Arsenic	75-2	0.24	0.32	0.22	0.26	19.19	ppb
Barium	135-1	17.59	17.23	17.53	17.45	1.12	ppb
Barium	137-1	17.37	17.02	17.58	17.32	1.62	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.87	3.48	3.68	3.68	5.22	ppb
Boron	11-1	3.66	3.88	4.12	3.89	5.85	ppb
Cadmium	111-1	-0.06	-0.07	-0.15	-0.09		ppb
Cadmium	106-1	-0.68	-0.90	-1.95	-1.18		ppb
Cadmium	108-1	0.02	0.01	-0.03	0.00	3248.42	ppb
Calcium	43-1	6201.21	6196.25	6143.63	6180.36	0.52	ppb
Calcium	44-1	6281.58	6274.33	6310.21	6288.70	0.30	ppb
Chromium	52-2	0.02	0.02	0.04	0.02	37.87	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	30.00	30.69	30.06	30.25	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	35.15	37.32	40.55	37.67	7.20	ppb
Iron	57-2	35.71	36.45	35.55	35.90	1.33	ppb
Lead	206-1	-0.01	-0.03	-0.02	-0.02		ppb
Lead	207-1	-0.02	-0.02	0.00	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	1491.01	1486.24	1477.57	1484.94	0.46	ppb
Manganese	55-2	9.71	10.63	9.60	9.98	5.64	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-22	Instrumnet Name :	P7
Client Sample ID :	DC32463-22-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:02:19	DataFile Name :	101SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	2.90	ppb
Molybdenum	95-1	0.02	0.03	0.04	0.03	26.23	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	25.71	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	33.05	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	16.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.47	6.78	6.75	6.67	2.54	ppb
Phosphorus	31-2	756.58	749.36	685.73	730.56	5.34	ppb
Potassium	39-2	593.44	606.41	584.81	594.89	1.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	0.15	-0.29	-0.56	-0.23		ppb
Selenium	82-1	1.15	0.42	0.78	0.78	46.56	ppb
Silicon	28-1	826.71	830.37	800.58	819.22	1.98	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10093.59	10160.06	10008.96	10087.53	0.75	ppb
Strontium	86-1	21.41	21.47	21.43	21.44	0.13	ppb
Strontium	88-1	21.61	21.82	21.28	21.57	1.25	ppb
Sulfur	34-1	1799.66	1905.90	1797.13	1834.23	3.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.01	0.02	0.01	67.30	ppb
Titanium	47-1	0.36	0.40	0.36	0.37	5.89	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	17.07	ppb
Vanadium	51-2	0.05	0.04	0.06	0.05	14.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.61	8.70	8.60	8.64	0.59	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	35.80	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-22	Instrumnet Name :	P7
Client Sample ID :	DC32463-22-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:02:19	DataFile Name :	101SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.01	0.02	33.61	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:05:47	DataFile Name :	102CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9824.15	9925.47	9871.03	9873.55	0.51	ppb
Antimony	121-1	505.73	508.48	499.90	504.70	0.87	ppb
Arsenic	75-2	506.26	502.35	499.21	502.61	0.70	ppb
Barium	135-1	2580.58	2588.60	2555.43	2574.87	0.67	ppb
Barium	137-1	2564.15	2585.80	2536.47	2562.14	0.97	ppb
Beryllium	9-1	522.32	528.51	528.33	526.39	0.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	454.28	454.99	459.15	456.14	0.58	ppb
Boron	11-1	453.79	460.86	456.87	457.17	0.77	ppb
Cadmium	111-1	502.38	507.96	503.86	504.73	0.57	ppb
Cadmium	106-1	512.77	511.90	505.55	510.07	0.77	ppb
Cadmium	108-1	506.75	513.03	496.17	505.32	1.69	ppb
Calcium	43-1	49760.68	50244.58	49606.65	49870.64	0.67	ppb
Calcium	44-1	50406.29	51003.98	50032.98	50481.08	0.97	ppb
Chromium	52-2	507.97	507.51	507.99	507.82	0.05	ppb
Cobalt	59-2	516.33	518.55	516.11	517.00	0.26	ppb
Copper	63-2	971.74	977.77	974.10	974.54	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27419.00	27157.44	27073.57	27216.67	0.66	ppb
Iron	57-2	26593.79	26620.72	26440.45	26551.65	0.37	ppb
Lead	206-1	479.98	488.95	481.79	483.57	0.98	ppb
Lead	207-1	479.37	485.98	482.40	482.58	0.69	ppb
Lead	208-1	491.54	496.01	495.02	494.19	0.48	ppb
Lithium	6-1						%
Magnesium	24-2	51427.92	51692.80	51048.50	51389.74	0.63	ppb
Manganese	55-2	1042.31	1044.83	1038.70	1041.94	0.30	ppb

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.88	501.42	508.39	503.56	0.83	ppb
Molybdenum	95-1	496.98	500.93	501.38	499.77	0.48	ppb
Molybdenum	96-1	490.68	494.60	496.37	493.88	0.59	ppb
Molybdenum	97-1	505.15	503.40	505.92	504.83	0.26	ppb
Molybdenum	98-1	507.52	507.73	509.59	508.28	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.92	519.13	515.44	517.49	0.36	ppb
Phosphorus	31-2	10831.24	10745.82	10628.14	10735.07	0.95	ppb
Potassium	39-2	25288.68	25250.32	25035.21	25191.40	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	523.45	496.77	540.75	520.32	4.26	ppb
Selenium	78-2	514.52	525.94	512.20	517.55	1.42	ppb
Selenium	82-1	509.87	516.47	513.81	513.39	0.65	ppb
Silicon	28-1	597.30	610.48	604.55	604.11	1.09	ppb
Silver	109-1	513.25	516.38	504.87	511.50	1.16	ppb
Silver	107-1	507.85	517.87	508.51	511.41	1.10	ppb
Sodium	23-2	53165.65	53299.47	52749.10	53071.41	0.54	ppb
Strontium	86-1	514.73	513.41	514.04	514.06	0.13	ppb
Strontium	88-1	524.45	522.16	519.25	521.95	0.50	ppb
Sulfur	34-1	10778.66	11124.20	10904.52	10935.79	1.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.55	514.27	507.50	509.11	0.90	ppb
Thallium	205-1	508.75	512.36	509.19	510.10	0.39	ppb
Tin	118-1	514.06	515.41	506.35	511.94	0.96	ppb
Titanium	47-1	512.01	513.65	509.08	511.58	0.45	ppb
Uranium	238-1	472.39	473.83	475.74	473.99	0.35	ppb
Vanadium	51-2	507.48	508.42	507.56	507.82	0.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1005.58	1009.26	1005.50	1006.78	0.21	ppb
Zirconium	90-1	503.22	503.74	507.15	504.70	0.42	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:05:47	DataFile Name :	102CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.81	491.65	493.13	491.20	0.45	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:09:10	DataFile Name :	103CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.38	0.43	0.43	12.48	ppb
Antimony	121-1	1.33	1.61	1.92	1.62	17.97	ppb
Arsenic	75-2	0.53	0.56	0.59	0.56	5.06	ppb
Barium	135-1	-0.02	-0.05	-0.02	-0.03		ppb
Barium	137-1	0.04	-0.01	-0.01	0.00	611.30	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	21.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.18	7.64	6.78	7.20	5.97	ppb
Boron	11-1	7.91	7.66	6.92	7.49	6.89	ppb
Cadmium	111-1	-0.11	-0.05	-0.13	-0.10		ppb
Cadmium	106-1	-1.61	-0.85	-1.76	-1.41		ppb
Cadmium	108-1	0.01	0.00	0.10	0.04	149.65	ppb
Calcium	43-1	-2.55	-0.64	-1.22	-1.47		ppb
Calcium	44-1	-4.41	-4.24	-4.50	-4.38		ppb
Chromium	52-2	0.03	-0.04	-0.01	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.56	-0.55	-0.55	-0.55		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.42	0.50	0.51	0.48	10.40	ppb
Iron	57-2	0.60	-0.07	0.09	0.21	169.77	ppb
Lead	206-1	-0.05	-0.05	-0.04	-0.05		ppb
Lead	207-1	-0.04	-0.02	-0.02	-0.03		ppb
Lead	208-1	-0.05	-0.05	-0.05	-0.05		ppb
Lithium	6-1						%
Magnesium	24-2	0.67	0.68	0.15	0.50	60.35	ppb
Manganese	55-2	-0.05	-0.05	-0.06	-0.05		ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:09:10	DataFile Name :	103CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.23	0.32	0.25	27.24	ppb
Molybdenum	95-1	0.51	0.69	0.94	0.71	30.49	ppb
Molybdenum	96-1	0.48	0.60	0.76	0.61	22.97	ppb
Molybdenum	97-1	0.52	0.68	0.94	0.72	29.52	ppb
Molybdenum	98-1	0.52	0.64	0.88	0.68	26.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.12	-0.12	-0.13		ppb
Phosphorus	31-2	0.06	-5.12	1.35	-1.23		ppb
Potassium	39-2	6.79	8.78	7.76	7.78	12.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.12	0.12	1.59	0.61	140.09	ppb
Selenium	78-2	0.14	-0.25	-0.39	-0.16		ppb
Selenium	82-1	1.74	0.64	1.49	1.29	44.51	ppb
Silicon	28-1	-5.53	-6.49	-5.49	-5.84		ppb
Silver	109-1	0.01	0.02	0.01	0.02	31.56	ppb
Silver	107-1	0.02	0.02	0.01	0.02	47.98	ppb
Sodium	23-2	15.01	14.91	12.67	14.20	9.32	ppb
Strontium	86-1	0.04	-0.05	0.03	0.01	714.53	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	15.06	ppb
Sulfur	34-1	505.19	520.28	455.67	493.71	6.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.08	0.09	0.09	12.33	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	7.41	ppb
Tin	118-1	0.25	0.30	0.31	0.29	12.09	ppb
Titanium	47-1	-0.19	-0.16	-0.21	-0.19		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	22.84	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	16.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.15	-0.17	-0.12	-0.14		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	10.65	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:09:10	DataFile Name :	103CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.04	0.03	15.26	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-23	Instrumnet Name :	P7
Client Sample ID :	DC32463-23-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:12:40	DataFile Name :	104SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.24	21.88	24.27	23.79	7.27	ppb
Antimony	121-1	0.45	0.52	0.56	0.51	11.39	ppb
Arsenic	75-2	0.32	0.41	0.34	0.36	14.47	ppb
Barium	135-1	17.74	17.39	17.92	17.68	1.51	ppb
Barium	137-1	17.66	17.53	17.57	17.59	0.39	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	684.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.37	6.49	6.15	6.34	2.77	ppb
Boron	11-1	6.76	6.35	6.36	6.49	3.61	ppb
Cadmium	111-1	-0.16	-0.07	-0.11	-0.11		ppb
Cadmium	106-1	-2.04	-0.85	-1.44	-1.45		ppb
Cadmium	108-1	0.10	0.09	0.12	0.10	13.71	ppb
Calcium	43-1	6140.94	6239.23	6252.17	6210.78	0.98	ppb
Calcium	44-1	6307.82	6363.35	6332.59	6334.59	0.44	ppb
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	313.30	311.47	312.17	312.31	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.44	20.82	21.69	21.65	3.75	ppb
Iron	57-2	24.53	25.66	22.71	24.30	6.14	ppb
Lead	206-1	0.70	0.71	0.70	0.70	0.54	ppb
Lead	207-1	0.69	0.69	0.67	0.68	1.18	ppb
Lead	208-1	0.70	0.70	0.69	0.70	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	1530.81	1518.25	1529.08	1526.05	0.45	ppb
Manganese	55-2	9.96	9.79	9.94	9.90	0.93	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-23	Instrumnet Name :	P7
Client Sample ID :	DC32463-23-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:12:40	DataFile Name :	104SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.18	0.18	0.18	5.84	ppb
Molybdenum	95-1	0.17	0.20	0.27	0.21	23.06	ppb
Molybdenum	96-1	0.14	0.21	0.22	0.19	22.16	ppb
Molybdenum	97-1	0.17	0.19	0.26	0.21	24.09	ppb
Molybdenum	98-1	0.15	0.19	0.27	0.21	29.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.25	0.24	0.25	4.15	ppb
Phosphorus	31-2	673.85	729.30	717.74	706.96	4.14	ppb
Potassium	39-2	606.54	602.61	607.18	605.44	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.10	0.39	0.11	269.21	ppb
Selenium	78-2	-0.44	-0.31	-0.78	-0.51		ppb
Selenium	82-1	1.77	0.35	0.76	0.96	76.23	ppb
Silicon	28-1	831.47	823.69	825.48	826.88	0.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.89	ppb
Silver	107-1	0.00	0.00	0.01	0.00	70.30	ppb
Sodium	23-2	10195.52	10123.25	10194.23	10171.00	0.41	ppb
Strontium	86-1	21.69	21.34	21.28	21.44	1.02	ppb
Strontium	88-1	21.73	21.61	21.50	21.61	0.52	ppb
Sulfur	34-1	1479.93	1641.94	1514.56	1545.48	5.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	12.87	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.45	ppb
Tin	118-1	0.18	0.15	0.18	0.17	8.52	ppb
Titanium	47-1	0.41	0.30	0.41	0.37	17.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	52.79	ppb
Vanadium	51-2	0.04	0.04	0.06	0.05	22.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	159.31	157.47	157.23	158.00	0.72	ppb
Zirconium	90-1	0.16	0.15	0.18	0.16	9.69	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-23	Instrumnet Name :	P7
Client Sample ID :	DC32463-23-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:12:40	DataFile Name :	104SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.19	0.19	0.17	21.87	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-24	Instrumnet Name :	P7
Client Sample ID :	DC32463-24-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:16:08	DataFile Name :	105SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.02	25.08	22.21	24.44	8.14	ppb
Antimony	121-1	0.12	0.11	0.17	0.13	22.16	ppb
Arsenic	75-2	0.30	0.41	0.38	0.36	15.50	ppb
Barium	135-1	17.58	17.32	17.13	17.34	1.29	ppb
Barium	137-1	17.58	17.55	17.16	17.43	1.34	ppb
Beryllium	9-1	-0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.36	5.58	5.88	5.61	4.69	ppb
Boron	11-1	5.16	5.38	5.46	5.33	2.94	ppb
Cadmium	111-1	-0.09	-0.15	-0.12	-0.12		ppb
Cadmium	106-1	-1.10	-1.89	-1.46	-1.48		ppb
Cadmium	108-1	0.01	0.06	0.04	0.04	76.66	ppb
Calcium	43-1	6160.76	6249.80	6108.37	6172.98	1.16	ppb
Calcium	44-1	6355.61	6345.60	6313.88	6338.36	0.34	ppb
Chromium	52-2	0.00	0.03	0.01	0.01	87.81	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	71.76	71.82	71.44	71.67	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	69.31	80.10	69.12	72.85	8.63	ppb
Iron	57-2	69.56	71.98	69.43	70.32	2.05	ppb
Lead	206-1	0.14	0.15	0.15	0.14	3.86	ppb
Lead	207-1	0.13	0.15	0.12	0.13	10.15	ppb
Lead	208-1	0.13	0.14	0.13	0.13	2.10	ppb
Lithium	6-1						%
Magnesium	24-2	1499.44	1506.44	1478.31	1494.73	0.98	ppb
Manganese	55-2	13.05	13.01	13.25	13.10	0.98	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-24	Instrumnet Name :	P7
Client Sample ID :	DC32463-24-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:16:08	DataFile Name :	105SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.09	0.10	0.09	21.69	ppb
Molybdenum	95-1	0.08	0.12	0.15	0.12	33.03	ppb
Molybdenum	96-1	0.08	0.10	0.13	0.10	19.97	ppb
Molybdenum	97-1	0.12	0.12	0.15	0.13	16.32	ppb
Molybdenum	98-1	0.09	0.12	0.15	0.12	24.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.10	0.04	0.09	53.91	ppb
Phosphorus	31-2	706.27	721.51	658.04	695.27	4.77	ppb
Potassium	39-2	599.26	603.21	597.22	599.90	0.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.68	-0.18	0.11	0.20	215.23	ppb
Selenium	78-2	-0.05	-0.44	-0.86	-0.45		ppb
Selenium	82-1	1.18	1.01	0.51	0.90	39.03	ppb
Silicon	28-1	820.86	821.17	818.53	820.19	0.18	ppb
Silver	109-1	0.00	0.01	0.01	0.00	116.81	ppb
Silver	107-1	0.00	0.01	0.01	0.00	95.35	ppb
Sodium	23-2	10058.41	10101.38	10101.40	10087.06	0.25	ppb
Strontium	86-1	21.42	21.56	21.36	21.44	0.49	ppb
Strontium	88-1	21.79	21.72	21.82	21.78	0.22	ppb
Sulfur	34-1	1531.89	1716.07	1563.20	1603.72	6.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.00	43.32	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	109.77	ppb
Tin	118-1	1.38	1.41	1.41	1.40	1.22	ppb
Titanium	47-1	0.54	0.40	0.35	0.43	23.78	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.15	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	2.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.95	8.24	8.04	8.08	1.83	ppb
Zirconium	90-1	0.07	0.07	0.09	0.08	18.42	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-24	Instrumnet Name :	P7
Client Sample ID :	DC32463-24-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:16:08	DataFile Name :	105SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.07	0.08	13.29	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-25	Instrumnet Name :	P7
Client Sample ID :	DC32463-25-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:19:37	DataFile Name :	106SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.09	45.55	47.51	45.71	3.75	ppb
Antimony	121-1	0.15	0.15	0.17	0.16	8.98	ppb
Arsenic	75-2	0.30	0.34	0.31	0.31	6.60	ppb
Barium	135-1	17.27	17.08	17.31	17.22	0.69	ppb
Barium	137-1	17.54	17.42	17.26	17.41	0.80	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.05	3.60	4.71	4.45	16.99	ppb
Boron	11-1	4.66	4.70	4.59	4.65	1.19	ppb
Cadmium	111-1	-0.15	-0.16	-0.07	-0.13		ppb
Cadmium	106-1	-2.05	-2.01	-0.92	-1.66		ppb
Cadmium	108-1	0.04	0.12	0.01	0.05	102.88	ppb
Calcium	43-1	6128.52	6125.04	6156.14	6136.57	0.28	ppb
Calcium	44-1	6261.05	6396.29	6312.37	6323.24	1.08	ppb
Chromium	52-2	0.00	-0.01	0.02	0.00	396.44	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	359.54	362.81	361.68	361.34	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.90	22.04	22.43	22.12	1.24	ppb
Iron	57-2	25.23	24.62	23.97	24.61	2.54	ppb
Lead	206-1	1.01	1.00	1.05	1.02	2.42	ppb
Lead	207-1	0.98	0.99	0.96	0.98	1.80	ppb
Lead	208-1	1.00	1.00	1.00	1.00	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	1497.68	1509.81	1496.52	1501.34	0.49	ppb
Manganese	55-2	10.36	10.22	9.95	10.18	2.07	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-25	Instrumnet Name :	P7
Client Sample ID :	DC32463-25-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:19:37	DataFile Name :	106SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.06	0.06	6.20	ppb
Molybdenum	95-1	0.06	0.08	0.11	0.08	32.69	ppb
Molybdenum	96-1	0.06	0.08	0.10	0.08	26.46	ppb
Molybdenum	97-1	0.06	0.07	0.09	0.08	23.42	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.08	16.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.33	0.32	0.31	12.01	ppb
Phosphorus	31-2	686.91	742.99	667.97	699.29	5.58	ppb
Potassium	39-2	596.77	591.88	596.86	595.17	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.10	0.67	0.10	0.29	112.18	ppb
Selenium	78-2	-0.71	-1.21	-0.61	-0.84		ppb
Selenium	82-1	1.02	1.27	1.23	1.17	11.50	ppb
Silicon	28-1	810.38	815.48	805.58	810.48	0.61	ppb
Silver	109-1	0.00	0.00	0.00	0.00	382.11	ppb
Silver	107-1	0.00	0.01	0.00	0.00	48.78	ppb
Sodium	23-2	10074.89	10220.96	10139.77	10145.21	0.72	ppb
Strontium	86-1	21.18	21.35	21.35	21.29	0.48	ppb
Strontium	88-1	21.58	21.43	21.55	21.52	0.37	ppb
Sulfur	34-1	1727.18	1736.58	1873.14	1778.97	4.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	1567.35	ppb
Tin	118-1	0.13	0.14	0.16	0.14	12.06	ppb
Titanium	47-1	0.30	0.40	0.38	0.36	15.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	64.51	ppb
Vanadium	51-2	0.04	0.05	0.04	0.04	7.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	357.71	361.49	361.39	360.20	0.60	ppb
Zirconium	90-1	0.04	0.06	0.04	0.05	22.62	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-25	Instrumnet Name :	P7
Client Sample ID :	DC32463-25-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:19:37	DataFile Name :	106SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.05	0.04	39.77	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-26	Instrumnet Name :	P7
Client Sample ID :	DC32463-26-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:23:05	DataFile Name :	107SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.45	112.60	108.15	109.40	2.55	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	19.13	ppb
Arsenic	75-2	0.27	0.22	0.31	0.27	16.34	ppb
Barium	135-1	17.39	17.03	17.44	17.28	1.29	ppb
Barium	137-1	17.06	16.94	17.35	17.12	1.23	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.22	3.86	4.50	4.19	7.56	ppb
Boron	11-1	4.47	4.50	4.76	4.58	3.48	ppb
Cadmium	111-1	-0.14	-0.13	-0.20	-0.16		ppb
Cadmium	106-1	-1.69	-1.74	-2.59	-2.01		ppb
Cadmium	108-1	0.02	0.02	0.05	0.03	52.00	ppb
Calcium	43-1	6336.30	6336.22	6286.08	6319.53	0.46	ppb
Calcium	44-1	6369.63	6418.54	6401.71	6396.63	0.39	ppb
Chromium	52-2	-0.04	-0.01	0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	156.31	ppb
Copper	63-2	38.45	38.42	38.92	38.60	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.95	52.11	49.31	50.79	2.77	ppb
Iron	57-2	48.71	48.71	53.19	50.20	5.15	ppb
Lead	206-1	0.06	0.07	0.06	0.06	7.17	ppb
Lead	207-1	0.08	0.08	0.08	0.08	1.75	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.04	ppb
Lithium	6-1						%
Magnesium	24-2	1489.34	1493.02	1510.09	1497.48	0.74	ppb
Manganese	55-2	11.90	11.99	11.73	11.88	1.10	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-26	Instrumnet Name :	P7
Client Sample ID :	DC32463-26-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:23:05	DataFile Name :	107SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.03	0.05	0.04	20.49	ppb
Molybdenum	95-1	0.07	0.06	0.10	0.07	24.93	ppb
Molybdenum	96-1	0.06	0.06	0.05	0.06	10.79	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.05	13.06	ppb
Molybdenum	98-1	0.05	0.05	0.10	0.07	35.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.10	0.17	0.12	29.08	ppb
Phosphorus	31-2	772.45	763.69	753.35	763.16	1.25	ppb
Potassium	39-2	604.06	597.24	605.44	602.25	0.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.10	0.39	0.11	268.96	ppb
Selenium	78-2	-0.60	-0.64	-0.53	-0.59		ppb
Selenium	82-1	0.93	-0.14	0.09	0.29	193.39	ppb
Silicon	28-1	839.19	824.33	810.56	824.69	1.74	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	737.42	ppb
Sodium	23-2	10208.22	10182.90	10212.13	10201.08	0.16	ppb
Strontium	86-1	21.69	21.12	21.21	21.34	1.44	ppb
Strontium	88-1	21.61	21.61	21.71	21.65	0.28	ppb
Sulfur	34-1	1380.92	1653.12	1500.45	1511.50	9.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.30	0.34	0.33	0.33	6.01	ppb
Titanium	47-1	0.34	0.35	0.40	0.36	8.28	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	39.76	ppb
Vanadium	51-2	0.05	0.07	0.05	0.06	13.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.25	5.99	6.14	6.13	2.10	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	21.40	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-26	Instrumnet Name :	P7
Client Sample ID :	DC32463-26-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:23:05	DataFile Name :	107SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.03	0.04	25.68	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-27	Instrumnet Name :	P7
Client Sample ID :	DC32463-27-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:26:33	DataFile Name :	108SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.61	39.61	41.78	41.00	2.95	ppb
Antimony	121-1	0.04	0.07	0.08	0.06	29.15	ppb
Arsenic	75-2	0.22	0.28	0.23	0.25	13.15	ppb
Barium	135-1	17.51	17.02	17.39	17.30	1.48	ppb
Barium	137-1	17.54	17.28	17.36	17.40	0.75	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.96	4.02	4.07	4.02	1.32	ppb
Boron	11-1	4.17	4.17	4.30	4.21	1.67	ppb
Cadmium	111-1	-0.08	-0.12	-0.10	-0.10		ppb
Cadmium	106-1	-1.12	-1.58	-1.34	-1.34		ppb
Cadmium	108-1	0.09	0.10	0.09	0.09	7.79	ppb
Calcium	43-1	6181.73	6153.52	6205.79	6180.35	0.42	ppb
Calcium	44-1	6350.02	6396.08	6372.15	6372.75	0.36	ppb
Chromium	52-2	-0.01	-0.03	0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	321.83	324.95	321.79	322.86	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.46	23.49	22.16	22.70	3.06	ppb
Iron	57-2	22.34	28.79	22.60	24.58	14.87	ppb
Lead	206-1	0.92	0.91	0.93	0.92	0.98	ppb
Lead	207-1	0.82	0.85	0.85	0.84	1.85	ppb
Lead	208-1	0.87	0.87	0.88	0.87	0.87	ppb
Lithium	6-1						%
Magnesium	24-2	1521.76	1526.91	1515.11	1521.26	0.39	ppb
Manganese	55-2	10.57	10.62	10.73	10.64	0.75	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-27	Instrumnet Name :	P7
Client Sample ID :	DC32463-27-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:26:33	DataFile Name :	108SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.05	0.04	14.56	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	19.05	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	7.94	ppb
Molybdenum	97-1	0.05	0.06	0.08	0.06	29.17	ppb
Molybdenum	98-1	0.04	0.06	0.08	0.06	26.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.49	0.34	0.41	19.43	ppb
Phosphorus	31-2	698.17	687.81	691.98	692.65	0.75	ppb
Potassium	39-2	607.29	602.48	599.12	602.96	0.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.11	-0.08		ppb
Selenium	78-2	-0.47	-1.06	0.01	-0.51		ppb
Selenium	82-1	-0.18	0.23	1.28	0.44	169.50	ppb
Silicon	28-1	799.98	808.88	840.62	816.49	2.62	ppb
Silver	109-1	0.00	0.00	0.00	0.00	72.91	ppb
Silver	107-1	0.00	0.00	0.00	0.00	462.87	ppb
Sodium	23-2	10227.24	10223.13	10212.59	10220.99	0.07	ppb
Strontium	86-1	21.46	21.68	21.25	21.46	1.01	ppb
Strontium	88-1	21.71	21.69	21.49	21.63	0.58	ppb
Sulfur	34-1	1442.63	1594.93	1673.30	1570.29	7.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.11	0.14	0.12	0.12	11.54	ppb
Titanium	47-1	0.34	0.38	0.34	0.35	5.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	155.93	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	11.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	262.46	264.48	261.30	262.75	0.61	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.95	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-27	Instrumnet Name :	P7
Client Sample ID :	DC32463-27-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:26:33	DataFile Name :	108SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.04	0.04	30.66	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-28	Instrumnet Name :	P7
Client Sample ID :	DC32463-28-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:30:02	DataFile Name :	109SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.20	17.74	17.77	18.24	4.55	ppb
Antimony	121-1	-0.02	0.01	-0.01	-0.01		ppb
Arsenic	75-2	0.19	0.31	0.22	0.24	25.81	ppb
Barium	135-1	17.29	17.37	17.38	17.35	0.30	ppb
Barium	137-1	17.62	17.47	17.28	17.45	0.98	ppb
Beryllium	9-1	-0.01	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.84	3.97	3.75	3.85	2.81	ppb
Boron	11-1	4.17	4.15	4.08	4.13	1.12	ppb
Cadmium	111-1	-0.13	-0.16	-0.16	-0.15		ppb
Cadmium	106-1	-1.63	-2.04	-2.01	-1.89		ppb
Cadmium	108-1	0.01	0.04	0.02	0.02	59.04	ppb
Calcium	43-1	6278.67	6251.64	6274.80	6268.37	0.23	ppb
Calcium	44-1	6477.90	6399.31	6422.08	6433.10	0.63	ppb
Chromium	52-2	0.03	0.02	0.02	0.02	30.57	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	32.51	32.41	31.88	32.27	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	53.21	56.25	53.57	54.34	3.05	ppb
Iron	57-2	57.16	51.87	54.17	54.40	4.87	ppb
Lead	206-1	0.04	0.05	0.07	0.05	30.29	ppb
Lead	207-1	0.06	0.05	0.06	0.05	13.82	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.45	ppb
Lithium	6-1						%
Magnesium	24-2	1499.95	1483.14	1485.64	1489.58	0.61	ppb
Manganese	55-2	10.88	10.65	10.68	10.74	1.16	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-28	Instrumnet Name :	P7
Client Sample ID :	DC32463-28-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:30:02	DataFile Name :	109SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.04	0.03	13.52	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	18.90	ppb
Molybdenum	96-1	0.05	0.05	0.07	0.06	20.57	ppb
Molybdenum	97-1	0.04	0.05	0.06	0.05	16.87	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.10	0.10	0.10	4.40	ppb
Phosphorus	31-2	752.93	718.59	748.90	740.14	2.54	ppb
Potassium	39-2	603.02	604.03	601.18	602.74	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.31	-0.24	-0.43	-0.33		ppb
Selenium	82-1	-0.36	0.18	0.86	0.23	269.67	ppb
Silicon	28-1	813.73	793.02	809.83	805.53	1.37	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.01	0.00	0.00	0.00	212.68	ppb
Sodium	23-2	10244.54	10217.57	10144.19	10202.10	0.51	ppb
Strontium	86-1	21.90	21.10	21.33	21.44	1.93	ppb
Strontium	88-1	21.80	21.38	21.77	21.65	1.10	ppb
Sulfur	34-1	1719.35	1578.70	1774.88	1690.98	5.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.19	0.18	0.19	0.19	1.03	ppb
Titanium	47-1	0.38	0.36	0.39	0.37	3.81	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	26.23	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	5.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.79	8.81	8.87	8.82	0.50	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.61	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-28	Instrumnet Name :	P7
Client Sample ID :	DC32463-28-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:30:02	DataFile Name :	109SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.02	0.02	92.31	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-29	Instrumnet Name :	P7
Client Sample ID :	DC32463-29-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:33:30	DataFile Name :	110SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.48	37.60	36.36	36.81	1.85	ppb
Antimony	121-1	0.08	0.11	0.09	0.09	15.04	ppb
Arsenic	75-2	0.27	0.25	0.23	0.25	8.07	ppb
Barium	135-1	18.04	17.77	17.62	17.81	1.19	ppb
Barium	137-1	17.52	17.34	17.54	17.47	0.62	ppb
Beryllium	9-1	-0.03	-0.01	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.94	3.75	3.94	3.88	2.73	ppb
Boron	11-1	4.11	3.93	4.04	4.03	2.18	ppb
Cadmium	111-1	-0.10	-0.16	-0.12	-0.13		ppb
Cadmium	106-1	-1.22	-2.02	-1.55	-1.60		ppb
Cadmium	108-1	0.08	0.04	0.05	0.05	37.95	ppb
Calcium	43-1	6195.57	6289.67	6274.01	6253.09	0.81	ppb
Calcium	44-1	6338.06	6401.96	6411.90	6383.97	0.63	ppb
Chromium	52-2	0.04	-0.02	0.01	0.01	340.22	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	304.99	307.67	305.04	305.90	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27.07	26.66	24.60	26.11	5.06	ppb
Iron	57-2	24.88	23.86	32.90	27.21	18.18	ppb
Lead	206-1	0.47	0.53	0.50	0.50	5.66	ppb
Lead	207-1	0.46	0.48	0.47	0.47	1.75	ppb
Lead	208-1	0.48	0.49	0.48	0.48	1.24	ppb
Lithium	6-1						%
Magnesium	24-2	1518.77	1536.17	1513.15	1522.70	0.79	ppb
Manganese	55-2	10.63	10.66	10.83	10.71	1.01	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-29	Instrumnet Name :	P7
Client Sample ID :	DC32463-29-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:33:30	DataFile Name :	110SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.03	0.03	38.67	ppb
Molybdenum	95-1	0.05	0.03	0.06	0.04	28.68	ppb
Molybdenum	96-1	0.03	0.03	0.05	0.04	28.09	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	21.12	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	12.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.19	0.23	0.23	15.58	ppb
Phosphorus	31-2	702.86	796.98	755.29	751.71	6.27	ppb
Potassium	39-2	596.84	603.34	595.32	598.50	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.11	-0.18	-0.08		ppb
Selenium	78-2	0.11	-0.15	-0.11	-0.05		ppb
Selenium	82-1	0.68	0.65	0.97	0.77	23.03	ppb
Silicon	28-1	805.17	812.20	804.22	807.20	0.54	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10247.39	10401.20	10100.68	10249.76	1.47	ppb
Strontium	86-1	21.69	21.11	21.46	21.42	1.35	ppb
Strontium	88-1	21.80	21.61	21.93	21.78	0.72	ppb
Sulfur	34-1	1715.32	1752.85	1856.81	1774.99	4.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.24	0.21	0.21	0.22	8.19	ppb
Titanium	47-1	0.38	0.31	0.29	0.33	14.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	196.05	ppb
Vanadium	51-2	0.06	0.03	0.04	0.04	42.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	286.00	286.95	283.76	285.57	0.57	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	26.31	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-29	Instrumnet Name :	P7
Client Sample ID :	DC32463-29-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:33:30	DataFile Name :	110SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.03	0.02	36.58	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-30	Instrumnet Name :	P7
Client Sample ID :	DC32463-30-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:36:58	DataFile Name :	111SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.63	28.90	28.51	28.35	2.30	ppb
Antimony	121-1	-0.03	-0.03	-0.03	-0.03		ppb
Arsenic	75-2	0.23	0.29	0.25	0.26	11.52	ppb
Barium	135-1	16.97	17.42	17.56	17.32	1.78	ppb
Barium	137-1	17.59	17.42	17.51	17.51	0.48	ppb
Beryllium	9-1	-0.02	-0.02	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.80	3.48	3.07	3.45	10.48	ppb
Boron	11-1	3.75	3.80	3.90	3.81	1.96	ppb
Cadmium	111-1	-0.13	-0.08	-0.11	-0.11		ppb
Cadmium	106-1	-1.69	-1.08	-1.43	-1.40		ppb
Cadmium	108-1	0.03	0.00	0.00	0.01	247.39	ppb
Calcium	43-1	6373.28	6249.39	6216.10	6279.59	1.32	ppb
Calcium	44-1	6500.21	6369.11	6306.15	6391.82	1.55	ppb
Chromium	52-2	-0.01	0.02	0.00	0.00	4192.03	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	26.47	26.27	26.27	26.34	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	41.55	41.63	45.27	42.82	4.96	ppb
Iron	57-2	43.70	40.71	40.91	41.77	3.99	ppb
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	0.01	0.00	0.00	0.00	132.51	ppb
Lead	208-1	0.00	0.00	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	1491.71	1494.42	1515.08	1500.41	0.85	ppb
Manganese	55-2	10.18	10.14	10.00	10.10	0.92	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-30	Instrumnet Name :	P7
Client Sample ID :	DC32463-30-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:36:58	DataFile Name :	111SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.03	0.02	31.54	ppb
Molybdenum	95-1	0.03	0.04	0.05	0.04	25.82	ppb
Molybdenum	96-1	0.03	0.06	0.03	0.04	38.23	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	18.13	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	21.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.06	0.11	0.10	40.19	ppb
Phosphorus	31-2	747.71	750.39	689.66	729.25	4.71	ppb
Potassium	39-2	604.14	605.71	606.38	605.41	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.11	-0.18	-0.08		ppb
Selenium	78-2	-0.99	-0.48	-0.66	-0.71		ppb
Selenium	82-1	-0.18	-0.65	0.25	-0.19		ppb
Silicon	28-1	810.45	806.63	856.51	824.53	3.37	ppb
Silver	109-1	0.00	0.00	0.00	0.00	1211.08	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	10208.18	10153.96	10292.04	10218.06	0.68	ppb
Strontium	86-1	21.49	21.58	21.79	21.62	0.72	ppb
Strontium	88-1	21.85	21.70	21.67	21.74	0.45	ppb
Sulfur	34-1	1824.53	1678.40	1722.92	1741.95	4.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.05	0.05	0.05	0.05	5.14	ppb
Titanium	47-1	0.33	3.11	0.27	1.24	131.18	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	30.14	ppb
Vanadium	51-2	0.04	0.07	0.04	0.05	36.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.33	10.43	10.59	10.45	1.24	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	24.82	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-30	Instrumnet Name :	P7
Client Sample ID :	DC32463-30-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:36:58	DataFile Name :	111SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.02	42.70	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:48:44	DataFile Name :	114CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10011.51	9911.21	9954.80	9959.18	0.50	ppb
Antimony	121-1	502.84	512.69	506.51	507.35	0.98	ppb
Arsenic	75-2	506.05	506.06	505.51	505.87	0.06	ppb
Barium	135-1	2553.32	2591.96	2612.91	2586.06	1.17	ppb
Barium	137-1	2526.25	2608.13	2608.71	2581.03	1.84	ppb
Beryllium	9-1	536.64	532.93	535.11	534.90	0.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	466.62	466.73	476.31	469.89	1.18	ppb
Boron	11-1	465.51	464.15	469.28	466.32	0.57	ppb
Cadmium	111-1	498.93	507.60	510.50	505.68	1.19	ppb
Cadmium	106-1	503.40	511.42	509.77	508.19	0.83	ppb
Cadmium	108-1	502.22	504.68	514.36	507.09	1.27	ppb
Calcium	43-1	49731.40	49697.21	49902.92	49777.18	0.22	ppb
Calcium	44-1	50490.63	50308.73	50900.99	50566.78	0.60	ppb
Chromium	52-2	514.02	510.96	508.53	511.17	0.54	ppb
Cobalt	59-2	518.55	520.28	516.03	518.29	0.41	ppb
Copper	63-2	982.76	975.05	972.06	976.63	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27153.48	27227.82	26939.78	27107.03	0.55	ppb
Iron	57-2	26650.21	26689.89	26602.33	26647.48	0.16	ppb
Lead	206-1	485.03	487.70	487.59	486.77	0.31	ppb
Lead	207-1	485.68	487.65	484.19	485.84	0.36	ppb
Lead	208-1	495.71	501.90	498.44	498.68	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	51889.30	51534.99	51538.52	51654.27	0.39	ppb
Manganese	55-2	1056.50	1047.78	1044.09	1049.46	0.61	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:48:44	DataFile Name :	114CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	513.69	508.05	514.21	511.98	0.67	ppb
Molybdenum	95-1	514.28	508.19	511.00	511.16	0.60	ppb
Molybdenum	96-1	503.87	501.98	502.22	502.69	0.20	ppb
Molybdenum	97-1	511.28	510.64	510.29	510.74	0.10	ppb
Molybdenum	98-1	519.25	515.50	519.41	518.05	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.17	520.58	516.36	519.37	0.51	ppb
Phosphorus	31-2	10887.95	10589.39	10712.44	10729.93	1.40	ppb
Potassium	39-2	25493.07	25224.25	25300.17	25339.17	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	512.18	490.71	527.83	510.24	3.65	ppb
Selenium	78-2	510.50	517.79	523.31	517.20	1.24	ppb
Selenium	82-1	515.78	518.01	519.68	517.82	0.38	ppb
Silicon	28-1	655.12	667.07	677.88	666.69	1.71	ppb
Silver	109-1	510.47	511.23	512.26	511.32	0.18	ppb
Silver	107-1	504.89	514.81	514.38	511.36	1.10	ppb
Sodium	23-2	54045.31	53626.91	53184.70	53618.97	0.80	ppb
Strontium	86-1	523.77	522.80	525.87	524.14	0.30	ppb
Strontium	88-1	528.45	527.04	531.24	528.91	0.40	ppb
Sulfur	34-1	10760.27	10709.73	10772.06	10747.35	0.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	517.91	509.29	506.41	511.20	1.17	ppb
Thallium	205-1	518.31	513.13	514.69	515.37	0.52	ppb
Tin	118-1	506.32	519.15	512.95	512.81	1.25	ppb
Titanium	47-1	508.79	509.57	513.32	510.56	0.47	ppb
Uranium	238-1	473.70	478.75	488.34	480.26	1.55	ppb
Vanadium	51-2	513.88	511.13	507.90	510.97	0.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1017.18	1009.08	999.82	1008.69	0.86	ppb
Zirconium	90-1	506.50	510.31	509.31	508.71	0.39	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:48:44	DataFile Name :	114CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.89	500.64	500.37	498.97	0.54	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:55:37	DataFile Name :	116CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	0.25	-0.03	0.10	140.57	ppb
Antimony	121-1	0.36	0.42	0.50	0.43	16.76	ppb
Arsenic	75-2	0.13	0.21	0.24	0.19	28.67	ppb
Barium	135-1	-0.06	-0.08	-0.07	-0.07		ppb
Barium	137-1	-0.04	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	32.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.89	2.84	2.57	2.77	6.16	ppb
Boron	11-1	3.52	3.45	3.14	3.37	5.93	ppb
Cadmium	111-1	-0.19	-0.17	-0.17	-0.18		ppb
Cadmium	106-1	-2.40	-2.19	-2.13	-2.24		ppb
Cadmium	108-1	0.08	0.01	0.03	0.04	91.80	ppb
Calcium	43-1	-3.43	-0.71	-3.01	-2.39		ppb
Calcium	44-1	-5.41	-5.09	-5.26	-5.25		ppb
Chromium	52-2	-0.02	0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	-0.68	-0.69	-0.64	-0.67		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.61	-0.61	-0.53	-0.59		ppb
Iron	57-2	-0.91	-0.57	-1.25	-0.91		ppb
Lead	206-1	-0.04	-0.05	-0.05	-0.05		ppb
Lead	207-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	208-1	-0.05	-0.05	-0.05	-0.05		ppb
Lithium	6-1						%
Magnesium	24-2	0.15	0.24	0.13	0.17	35.05	ppb
Manganese	55-2	-0.05	-0.07	-0.06	-0.06		ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:55:37	DataFile Name :	116CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.07	0.08	0.07	23.58	ppb
Molybdenum	95-1	0.14	0.19	0.31	0.21	41.40	ppb
Molybdenum	96-1	0.11	0.15	0.24	0.17	38.59	ppb
Molybdenum	97-1	0.14	0.19	0.23	0.19	22.38	ppb
Molybdenum	98-1	0.15	0.21	0.25	0.21	24.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.16	-0.11	-0.14		ppb
Phosphorus	31-2	-0.89	-2.17	5.77	0.91	471.02	ppb
Potassium	39-2	3.34	7.76	11.31	7.47	53.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.12	-0.08		ppb
Selenium	78-2	-0.50	-0.17	-0.68	-0.45		ppb
Selenium	82-1	1.07	-0.10	0.03	0.33	192.37	ppb
Silicon	28-1	-7.49	-7.35	-6.47	-7.10		ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.11	ppb
Silver	107-1	0.00	0.00	0.01	0.01	41.14	ppb
Sodium	23-2	15.53	14.78	15.85	15.39	3.56	ppb
Strontium	86-1	0.03	-0.03	-0.01	0.00		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	203.12	226.11	291.44	240.22	19.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	6.09	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	4.08	ppb
Tin	118-1	0.06	0.08	0.12	0.09	36.96	ppb
Titanium	47-1	-0.18	-0.20	-0.22	-0.20		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.17	-0.15	-0.18	-0.17		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.51	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:55:37	DataFile Name :	116CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.00	0.00	-0.01		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BL	Instrumnet Name :	P7
Client Sample ID :	PB98733BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:59:07	DataFile Name :	117CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.28	0.57	0.34	62.25	ppb
Antimony	121-1	0.30	0.36	0.43	0.36	17.05	ppb
Arsenic	75-2	0.15	0.16	0.18	0.16	8.18	ppb
Barium	135-1	-0.08	-0.08	-0.07	-0.08		ppb
Barium	137-1	-0.05	-0.06	-0.05	-0.05		ppb
Beryllium	9-1	0.02	0.01	-0.01	0.01	209.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.80	2.45	2.98	2.74	9.85	ppb
Boron	11-1	2.83	2.84	2.66	2.78	3.69	ppb
Cadmium	111-1	-0.11	-0.14	-0.11	-0.12		ppb
Cadmium	106-1	-1.36	-1.77	-1.25	-1.46		ppb
Cadmium	108-1	-0.01	-0.01	0.01	0.00		ppb
Calcium	43-1	-2.62	0.53	-1.30	-1.13		ppb
Calcium	44-1	-2.37	-2.18	-3.10	-2.55		ppb
Chromium	52-2	0.12	0.11	0.12	0.12	1.35	ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.02		ppb
Copper	63-2	-0.56	-0.60	-0.59	-0.58		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.47	-0.32	-0.28	-0.35		ppb
Iron	57-2	-0.96	-0.67	-0.62	-0.75		ppb
Lead	206-1	-0.03	-0.04	-0.04	-0.04		ppb
Lead	207-1	-0.04	-0.02	-0.03	-0.03		ppb
Lead	208-1	-0.05	-0.04	-0.04	-0.05		ppb
Lithium	6-1						%
Magnesium	24-2	0.04	0.08	0.28	0.13	97.33	ppb
Manganese	55-2	-0.06	-0.05	-0.06	-0.06		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BL	Instrumnet Name :	P7
Client Sample ID :	PB98733BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:59:07	DataFile Name :	117CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.10	0.08	22.44	ppb
Molybdenum	95-1	0.10	0.10	0.17	0.12	34.72	ppb
Molybdenum	96-1	0.07	0.13	0.15	0.12	37.90	ppb
Molybdenum	97-1	0.09	0.12	0.16	0.13	29.20	ppb
Molybdenum	98-1	0.09	0.13	0.16	0.13	27.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.14	-0.15	-0.14		ppb
Phosphorus	31-2	-3.08	15.00	-1.23	3.56	278.99	ppb
Potassium	39-2	11.79	14.48	7.38	11.22	31.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.43	-0.18	0.03	1407.24	ppb
Selenium	78-2	-0.12	-0.60	-0.66	-0.46		ppb
Selenium	82-1	0.68	0.53	0.80	0.67	20.16	ppb
Silicon	28-1	3.56	2.44	1.85	2.62	33.13	ppb
Silver	109-1	0.00	0.01	0.00	0.01	59.57	ppb
Silver	107-1	0.00	0.00	0.01	0.00	85.17	ppb
Sodium	23-2	25.41	27.51	25.99	26.30	4.11	ppb
Strontium	86-1	0.01	0.05	0.07	0.04	68.81	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	126.14	ppb
Sulfur	34-1	1191.54	1075.24	1170.95	1145.91	5.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.02	0.02	36.11	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	18.22	ppb
Tin	118-1	0.08	0.09	0.13	0.10	23.71	ppb
Titanium	47-1	-0.20	-0.20	-0.23	-0.21		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.11	-0.06	-0.05	-0.07		ppb
Zirconium	90-1	0.04	0.03	0.04	0.03	22.46	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BL	Instrumnet Name :	P7
Client Sample ID :	PB98733BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:59:07	DataFile Name :	117CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.05	0.04	32.19	ppb

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BS	Instrumnet Name :	P7
Client Sample ID :	PB98733BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:02:37	DataFile Name :	118CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9867.84	9943.09	9932.26	9914.40	0.41	ppb
Antimony	121-1	508.51	508.81	499.68	505.67	1.03	ppb
Arsenic	75-2	502.51	506.78	503.51	504.27	0.44	ppb
Barium	135-1	2561.66	2604.82	2574.82	2580.44	0.86	ppb
Barium	137-1	2591.54	2619.99	2576.63	2596.05	0.85	ppb
Beryllium	9-1	539.81	535.46	534.81	536.69	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	462.04	463.71	465.43	463.73	0.37	ppb
Boron	11-1	463.96	466.48	466.07	465.50	0.29	ppb
Cadmium	111-1	507.90	511.46	504.68	508.01	0.67	ppb
Cadmium	106-1	517.01	512.18	514.23	514.47	0.47	ppb
Cadmium	108-1	514.35	512.40	509.40	512.05	0.49	ppb
Calcium	43-1	50042.60	50173.72	49595.85	49937.39	0.61	ppb
Calcium	44-1	50613.58	51078.84	50186.66	50626.36	0.88	ppb
Chromium	52-2	514.44	514.35	514.76	514.52	0.04	ppb
Cobalt	59-2	518.15	517.17	520.64	518.65	0.34	ppb
Copper	63-2	978.01	975.27	974.19	975.82	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27265.00	27132.95	27243.13	27213.69	0.26	ppb
Iron	57-2	26637.25	26602.50	26673.05	26637.60	0.13	ppb
Lead	206-1	486.47	487.04	490.24	487.92	0.42	ppb
Lead	207-1	483.60	483.19	491.33	486.04	0.94	ppb
Lead	208-1	496.62	496.74	501.60	498.32	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	51583.19	51860.86	51459.06	51634.37	0.40	ppb
Manganese	55-2	1048.48	1050.39	1054.05	1050.97	0.27	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BS	Instrumnet Name :	P7
Client Sample ID :	PB98733BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:02:37	DataFile Name :	118CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	507.64	503.55	503.62	504.93	0.46	ppb
Molybdenum	95-1	505.63	500.83	501.83	502.76	0.50	ppb
Molybdenum	96-1	497.28	494.05	495.28	495.53	0.33	ppb
Molybdenum	97-1	507.50	504.37	505.20	505.69	0.32	ppb
Molybdenum	98-1	511.08	512.83	506.16	510.02	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.45	520.25	521.22	520.64	0.10	ppb
Phosphorus	31-2	10894.29	10616.77	10718.32	10743.12	1.31	ppb
Potassium	39-2	25285.94	25361.94	25219.22	25289.03	0.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	514.60	510.14	525.54	516.76	1.53	ppb
Selenium	78-2	525.12	518.16	516.01	519.76	0.92	ppb
Selenium	82-1	512.93	514.90	518.53	515.46	0.55	ppb
Silicon	28-1	627.50	640.61	642.59	636.90	1.29	ppb
Silver	109-1	514.69	513.15	508.30	512.05	0.65	ppb
Silver	107-1	517.88	516.51	509.99	514.79	0.82	ppb
Sodium	23-2	53446.49	53464.10	53477.35	53462.65	0.03	ppb
Strontium	86-1	517.56	513.92	519.51	517.00	0.55	ppb
Strontium	88-1	524.74	523.08	526.80	524.87	0.36	ppb
Sulfur	34-1	10691.32	10792.82	10717.08	10733.74	0.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.33	510.17	513.98	512.16	0.37	ppb
Thallium	205-1	514.85	510.97	516.74	514.19	0.57	ppb
Tin	118-1	514.24	518.21	515.12	515.86	0.40	ppb
Titanium	47-1	509.07	510.11	507.10	508.76	0.30	ppb
Uranium	238-1	479.84	478.85	486.12	481.60	0.82	ppb
Vanadium	51-2	509.94	510.09	511.43	510.49	0.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1012.86	1005.20	1008.34	1008.80	0.38	ppb
Zirconium	90-1	502.61	500.03	504.50	502.38	0.45	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BS	Instrumnet Name :	P7
Client Sample ID :	PB98733BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:02:37	DataFile Name :	118CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.80	490.87	494.44	492.37	0.38	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:06:00	DataFile Name :	119SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4054.69	3947.52	4127.94	4043.38	2.24	ppb
Antimony	121-1	4.10	4.61	5.10	4.60	10.91	ppb
Arsenic	75-2	4.28	4.20	4.40	4.29	2.27	ppb
Barium	135-1	110.24	108.37	107.96	108.86	1.12	ppb
Barium	137-1	111.09	108.32	107.85	109.09	1.60	ppb
Beryllium	9-1	0.31	0.25	0.25	0.27	13.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	160.39	154.05	152.69	155.71	2.64	ppb
Boron	11-1	160.56	157.73	157.50	158.60	1.07	ppb
Cadmium	111-1	2.33	2.19	2.30	2.28	3.36	ppb
Cadmium	106-1	-0.36	-0.39	-0.05	-0.27		ppb
Cadmium	108-1	2.30	2.59	2.36	2.42	6.44	ppb
Calcium	43-1	94394.42	96453.94	96144.93	95664.43	1.16	ppb
Calcium	44-1	96253.39	97526.23	97737.71	97172.44	0.83	ppb
Chromium	52-2	8.42	8.28	8.36	8.36	0.85	ppb
Cobalt	59-2	16.68	16.56	16.61	16.62	0.37	ppb
Copper	63-2	46.27	47.85	47.89	47.34	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8072.75	7963.64	7993.18	8009.86	0.70	ppb
Iron	57-2	7802.20	7917.72	7776.93	7832.28	0.96	ppb
Lead	206-1	5.21	5.26	5.29	5.26	0.74	ppb
Lead	207-1	4.70	4.74	4.74	4.73	0.52	ppb
Lead	208-1	4.97	5.00	5.04	5.01	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	44144.28	43735.48	43627.29	43835.69	0.62	ppb
Manganese	55-2	19545.94	19488.28	19380.44	19471.55	0.43	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:06:00	DataFile Name :	119SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.81	1.72	1.78	1.77	2.55	ppb
Molybdenum	95-1	2.05	2.38	2.51	2.31	10.06	ppb
Molybdenum	96-1	1.88	2.06	2.30	2.08	10.30	ppb
Molybdenum	97-1	2.04	2.20	2.28	2.17	5.74	ppb
Molybdenum	98-1	1.94	2.10	2.30	2.11	8.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.14	38.49	38.97	38.53	1.08	ppb
Phosphorus	31-2	222.12	207.39	235.70	221.74	6.38	ppb
Potassium	39-2	8556.64	8600.46	8515.09	8557.40	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.82	6.94	10.23	10.00	29.49	ppb
Selenium	78-2	2.86	1.76	1.89	2.17	27.72	ppb
Selenium	82-1	4.45	4.53	5.32	4.77	10.12	ppb
Silicon	28-1	8895.27	8944.49	8902.17	8913.98	0.30	ppb
Silver	109-1	0.91	0.80	0.73	0.82	10.71	ppb
Silver	107-1	0.96	0.79	0.73	0.83	14.51	ppb
Sodium	23-2	500932.87	496559.44	493387.63	496959.98	0.76	ppb
Strontium	86-1	573.99	567.33	573.23	571.52	0.64	ppb
Strontium	88-1	588.92	581.68	587.50	586.03	0.65	ppb
Sulfur	34-1	43230.07	44200.91	43633.67	43688.21	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.56	0.41	0.40	0.46	19.94	ppb
Thallium	205-1	0.53	0.44	0.39	0.45	16.48	ppb
Tin	118-1	3.10	3.05	3.12	3.09	1.14	ppb
Titanium	47-1	179.89	190.29	184.96	185.04	2.81	ppb
Uranium	238-1	0.49	0.50	0.49	0.49	1.59	ppb
Vanadium	51-2	11.50	11.45	11.36	11.44	0.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.50	30.15	29.30	29.32	2.81	ppb
Zirconium	90-1	1.45	1.47	1.43	1.45	1.38	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:06:00	DataFile Name :	119SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.43	1.48	1.50	1.47	2.36	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:09:29	DataFile Name :	120SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.48	5.41	3.49	4.46	21.50	ppb
Antimony	121-1	1.19	1.38	1.55	1.37	13.24	ppb
Arsenic	75-2	0.55	0.62	0.52	0.57	9.36	ppb
Barium	135-1	65.09	64.72	65.07	64.96	0.32	ppb
Barium	137-1	65.46	64.77	65.02	65.08	0.53	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	135.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	159.02	157.97	156.76	157.92	0.72	ppb
Boron	11-1	157.41	157.74	158.94	158.03	0.51	ppb
Cadmium	111-1	1.68	1.48	1.70	1.62	7.57	ppb
Cadmium	106-1	-0.72	-2.25	-0.23	-1.07		ppb
Cadmium	108-1	1.74	1.59	1.76	1.70	5.33	ppb
Calcium	43-1	102172.91	102907.70	101173.22	102084.61	0.85	ppb
Calcium	44-1	103344.22	104715.13	103217.91	103759.09	0.80	ppb
Chromium	52-2	0.17	0.19	0.19	0.18	7.90	ppb
Cobalt	59-2	13.38	13.40	13.36	13.38	0.13	ppb
Copper	63-2	21.56	21.12	21.35	21.34	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7.46	7.92	7.72	7.70	3.01	ppb
Iron	57-2	20.02	24.15	20.30	21.49	10.73	ppb
Lead	206-1	0.37	0.36	0.39	0.37	4.12	ppb
Lead	207-1	0.36	0.37	0.34	0.36	4.21	ppb
Lead	208-1	0.36	0.36	0.34	0.35	3.00	ppb
Lithium	6-1						%
Magnesium	24-2	45714.99	45596.46	45864.91	45725.46	0.29	ppb
Manganese	55-2	17493.92	17485.11	17618.86	17532.63	0.43	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:09:29	DataFile Name :	120SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.59	0.59	0.60	0.59	1.62	ppb
Molybdenum	95-1	1.79	1.81	1.85	1.82	1.57	ppb
Molybdenum	96-1	1.39	1.43	1.41	1.41	1.25	ppb
Molybdenum	97-1	1.65	1.60	1.73	1.66	3.92	ppb
Molybdenum	98-1	1.60	1.66	1.64	1.63	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.49	31.24	31.93	31.22	2.31	ppb
Phosphorus	31-2	22.76	4.65	19.59	15.67	61.75	ppb
Potassium	39-2	8573.85	8600.06	8662.58	8612.16	0.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.89	3.58	2.89	3.45	14.80	ppb
Selenium	78-2	0.02	0.33	0.21	0.18	84.14	ppb
Selenium	82-1	3.24	3.83	3.80	3.62	9.31	ppb
Silicon	28-1	3656.76	3725.39	3684.12	3688.76	0.94	ppb
Silver	109-1	0.34	0.35	0.35	0.35	0.86	ppb
Silver	107-1	0.33	0.34	0.33	0.33	1.49	ppb
Sodium	23-2	523140.17	526845.19	528516.84	526167.40	0.52	ppb
Strontium	86-1	629.93	627.10	624.47	627.17	0.44	ppb
Strontium	88-1	638.66	638.03	634.69	637.13	0.33	ppb
Sulfur	34-1	45584.09	45777.97	45083.03	45481.70	0.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.22	0.20	0.21	4.62	ppb
Thallium	205-1	0.21	0.22	0.21	0.21	4.35	ppb
Tin	118-1	1.74	1.75	1.81	1.77	2.11	ppb
Titanium	47-1	0.26	0.25	0.28	0.26	4.37	ppb
Uranium	238-1	0.14	0.14	0.15	0.15	0.89	ppb
Vanadium	51-2	0.35	0.42	0.37	0.38	9.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.24	12.71	13.52	13.15	3.13	ppb
Zirconium	90-1	0.11	0.15	0.12	0.13	15.25	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:09:29	DataFile Name :	120SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.15	0.15	0.15	6.34	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:12:59	DataFile Name :	121SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2507.80	2505.80	2489.33	2500.98	0.41	ppb
Antimony	121-1	0.83	0.92	1.00	0.92	9.25	ppb
Arsenic	75-2	2.65	2.54	2.69	2.63	2.97	ppb
Barium	135-1	88.66	84.69	87.52	86.96	2.35	ppb
Barium	137-1	87.30	86.19	87.21	86.90	0.71	ppb
Beryllium	9-1	0.18	0.16	0.17	0.17	4.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	150.23	154.58	152.31	152.38	1.43	ppb
Boron	11-1	154.31	155.81	156.21	155.44	0.64	ppb
Cadmium	111-1	1.98	2.15	2.03	2.05	4.35	ppb
Cadmium	106-1	-0.11	0.50	0.16	0.19	163.34	ppb
Cadmium	108-1	1.85	1.96	2.14	1.98	7.54	ppb
Calcium	43-1	91796.64	90793.11	91216.53	91268.76	0.55	ppb
Calcium	44-1	93353.51	91817.35	92727.53	92632.79	0.83	ppb
Chromium	52-2	5.63	5.76	5.62	5.67	1.33	ppb
Cobalt	59-2	14.93	14.91	14.96	14.93	0.17	ppb
Copper	63-2	38.84	38.67	38.45	38.65	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4991.58	5159.06	4977.30	5042.64	2.00	ppb
Iron	57-2	4909.72	4828.27	4893.41	4877.14	0.88	ppb
Lead	206-1	3.89	3.98	3.93	3.93	1.22	ppb
Lead	207-1	3.61	3.65	3.53	3.60	1.63	ppb
Lead	208-1	3.77	3.80	3.73	3.77	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	41826.46	41477.39	41447.00	41583.62	0.51	ppb
Manganese	55-2	18654.77	18434.44	18597.56	18562.26	0.62	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:12:59	DataFile Name :	121SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.21	1.20	1.21	1.21	0.23	ppb
Molybdenum	95-1	1.07	1.13	1.17	1.12	4.23	ppb
Molybdenum	96-1	1.04	0.99	1.11	1.05	6.04	ppb
Molybdenum	97-1	0.95	1.09	1.07	1.04	7.17	ppb
Molybdenum	98-1	0.95	0.94	1.05	0.98	5.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.75	34.54	34.26	34.52	0.72	ppb
Phosphorus	31-2	130.22	137.48	138.46	135.39	3.33	ppb
Potassium	39-2	7985.82	7964.16	7967.93	7972.64	0.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.86	10.58	5.84	8.09	29.36	ppb
Selenium	78-2	1.65	1.33	1.26	1.41	14.68	ppb
Selenium	82-1	3.81	4.70	3.71	4.07	13.29	ppb
Silicon	28-1	6685.46	6472.19	6898.43	6685.36	3.19	ppb
Silver	109-1	0.28	0.27	0.27	0.27	2.27	ppb
Silver	107-1	0.28	0.25	0.27	0.27	4.30	ppb
Sodium	23-2	479483.96	478797.24	479132.71	479137.97	0.07	ppb
Strontium	86-1	545.20	541.48	545.65	544.11	0.42	ppb
Strontium	88-1	554.46	554.58	560.39	556.48	0.61	ppb
Sulfur	34-1	58273.34	57026.81	57249.56	57516.57	1.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.25	0.23	0.24	4.39	ppb
Thallium	205-1	0.23	0.24	0.23	0.24	3.29	ppb
Tin	118-1	1.56	1.57	1.68	1.60	4.21	ppb
Titanium	47-1	112.27	109.02	110.52	110.60	1.47	ppb
Uranium	238-1	0.40	0.42	0.41	0.41	2.47	ppb
Vanadium	51-2	7.75	7.81	7.73	7.77	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.68	21.79	21.36	21.61	1.03	ppb
Zirconium	90-1	1.35	1.29	1.34	1.33	2.38	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:12:59	DataFile Name :	121SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.36	1.52	1.31	1.40	8.05	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:16:30	DataFile Name :	122SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.71	3.36	2.86	2.97	11.48	ppb
Antimony	121-1	0.50	0.59	0.62	0.57	10.91	ppb
Arsenic	75-2	0.35	0.45	0.48	0.42	16.24	ppb
Barium	135-1	54.01	54.29	54.13	54.14	0.26	ppb
Barium	137-1	54.71	54.27	54.07	54.35	0.60	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	165.75	163.17	163.40	164.11	0.87	ppb
Boron	11-1	166.85	167.66	166.64	167.05	0.32	ppb
Cadmium	111-1	1.99	1.95	2.11	2.02	3.98	ppb
Cadmium	106-1	0.22	-0.59	0.55	0.06	978.74	ppb
Cadmium	108-1	2.03	2.01	1.72	1.92	8.94	ppb
Calcium	43-1	95872.06	97238.28	98085.17	97065.17	1.15	ppb
Calcium	44-1	97801.79	98671.63	99735.82	98736.41	0.98	ppb
Chromium	52-2	0.93	0.95	0.88	0.92	4.08	ppb
Cobalt	59-2	13.23	13.08	13.12	13.15	0.56	ppb
Copper	63-2	21.04	21.06	21.22	21.10	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8.99	9.28	9.40	9.23	2.29	ppb
Iron	57-2	21.36	21.19	23.99	22.18	7.07	ppb
Lead	206-1	0.01	0.03	0.03	0.02	38.13	ppb
Lead	207-1	0.03	0.02	0.02	0.02	26.84	ppb
Lead	208-1	0.02	0.01	0.01	0.02	23.48	ppb
Lithium	6-1						%
Magnesium	24-2	43567.69	44053.46	43120.05	43580.40	1.07	ppb
Manganese	55-2	19619.57	19613.41	19633.59	19622.19	0.05	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:16:30	DataFile Name :	122SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.30	0.31	0.31	3.92	ppb
Molybdenum	95-1	1.08	1.11	1.12	1.10	1.79	ppb
Molybdenum	96-1	0.77	0.80	0.76	0.78	3.04	ppb
Molybdenum	97-1	0.92	1.02	1.00	0.98	5.25	ppb
Molybdenum	98-1	0.86	0.93	0.98	0.92	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.90	32.78	32.58	32.75	0.49	ppb
Phosphorus	31-2	6.21	3.72	19.57	9.83	86.73	ppb
Potassium	39-2	8172.39	8158.86	8106.94	8146.06	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.22	5.30	3.62	3.71	41.45	ppb
Selenium	78-2	0.00	0.96	1.45	0.80	91.72	ppb
Selenium	82-1	3.34	3.13	4.83	3.77	24.60	ppb
Silicon	28-1	3695.77	3728.77	3786.56	3737.03	1.23	ppb
Silver	109-1	0.21	0.21	0.20	0.21	1.87	ppb
Silver	107-1	0.22	0.18	0.20	0.20	9.92	ppb
Sodium	23-2	508359.31	511477.01	506102.42	508646.24	0.53	ppb
Strontium	86-1	597.37	590.23	588.20	591.93	0.81	ppb
Strontium	88-1	608.66	602.57	604.01	605.08	0.53	ppb
Sulfur	34-1	44145.94	44437.44	45246.73	44610.04	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.20	0.19	0.19	2.71	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.15	ppb
Tin	118-1	1.21	1.25	1.32	1.26	4.36	ppb
Titanium	47-1	0.22	0.20	0.13	0.18	25.86	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	3.45	ppb
Vanadium	51-2	0.40	0.43	0.41	0.42	3.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.99	21.70	22.12	21.94	0.98	ppb
Zirconium	90-1	0.04	0.05	0.04	0.05	5.95	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:16:30	DataFile Name :	122SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.04	0.04	37.27	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-10	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:20:00	DataFile Name :	123SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.00	0.33	0.09	218.82	ppb
Antimony	121-1	-0.08	-0.07	-0.07	-0.07		ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	66.09	ppb
Barium	135-1	-0.03	-0.03	-0.04	-0.03		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.83	3.25	2.94	3.01	7.11	ppb
Boron	11-1	3.32	3.37	3.22	3.30	2.20	ppb
Cadmium	111-1	-0.14	-0.15	-0.09	-0.13		ppb
Cadmium	106-1	-1.74	-1.88	-1.12	-1.58		ppb
Cadmium	108-1	0.02	0.04	0.02	0.03	42.01	ppb
Calcium	43-1	-0.44	-1.05	0.08	-0.47		ppb
Calcium	44-1	-4.51	-4.32	-4.88	-4.57		ppb
Chromium	52-2	-0.14	-0.12	-0.12	-0.13		ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	2.27	2.22	2.07	2.19	4.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.85	-0.90	-0.91	-0.88		ppb
Iron	57-2	-0.84	-0.94	-0.61	-0.79		ppb
Lead	206-1	-0.08	-0.08	-0.08	-0.08		ppb
Lead	207-1	-0.07	-0.07	-0.09	-0.08		ppb
Lead	208-1	-0.08	-0.08	-0.09	-0.08		ppb
Lithium	6-1						%
Magnesium	24-2	0.93	1.01	0.58	0.84	26.92	ppb
Manganese	55-2	0.56	0.56	0.52	0.55	4.43	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-10	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:20:00	DataFile Name :	123SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.02	0.03	0.03	0.02	28.38	ppb
Molybdenum	96-1	0.02	0.01	0.03	0.02	66.24	ppb
Molybdenum	97-1	0.00	0.04	0.05	0.03	76.11	ppb
Molybdenum	98-1	0.01	0.03	0.04	0.03	49.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.16	-0.14	-0.15		ppb
Phosphorus	31-2	-4.75	-2.56	-6.71	-4.67		ppb
Potassium	39-2	-5.05	-7.55	-6.99	-6.53		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.83	-1.08	-1.12	-1.01		ppb
Selenium	82-1	0.46	1.42	1.55	1.14	52.06	ppb
Silicon	28-1	-24.31	-23.97	-23.64	-23.97		ppb
Silver	109-1	0.06	0.04	0.05	0.05	14.64	ppb
Silver	107-1	0.05	0.05	0.04	0.04	5.13	ppb
Sodium	23-2	65.39	65.77	64.80	65.32	0.74	ppb
Strontium	86-1	-0.23	-0.24	-0.22	-0.23		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	9.91	ppb
Sulfur	34-1	-1607.25	-1556.09	-1427.96	-1530.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.01	0.03	0.02	0.02	38.06	ppb
Titanium	47-1	-0.23	-0.22	-0.19	-0.21		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	25.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.01	6.18	5.77	5.98	3.50	ppb
Zirconium	90-1	-0.02	-0.02	-0.01	-0.01		ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-10	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:20:00	DataFile Name :	123SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.02	-0.03	-0.02		ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-11	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:23:29	DataFile Name :	124SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.33	0.22	0.20	67.30	ppb
Antimony	121-1	-0.08	-0.08	-0.08	-0.08		ppb
Arsenic	75-2	0.01	0.02	0.07	0.03	100.35	ppb
Barium	135-1	2.26	2.22	2.24	2.24	0.82	ppb
Barium	137-1	2.32	2.32	2.43	2.35	2.74	ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.71	0.94	1.45	1.03	36.73	ppb
Boron	11-1	1.68	1.63	1.71	1.67	2.42	ppb
Cadmium	111-1	-0.10	-0.19	-0.11	-0.13		ppb
Cadmium	106-1	-1.35	-2.49	-1.38	-1.74		ppb
Cadmium	108-1	-0.01	0.03	0.02	0.01	151.66	ppb
Calcium	43-1	24.26	20.44	24.15	22.95	9.47	ppb
Calcium	44-1	18.37	18.27	18.78	18.48	1.47	ppb
Chromium	52-2	-0.17	-0.18	-0.19	-0.18		ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	1.88	1.74	1.91	1.84	4.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.54	-0.57	-0.48	-0.53		ppb
Iron	57-2	-0.18	-1.16	-0.88	-0.74		ppb
Lead	206-1	-0.09	-0.08	-0.08	-0.08		ppb
Lead	207-1	-0.06	-0.07	-0.07	-0.07		ppb
Lead	208-1	-0.08	-0.07	-0.08	-0.08		ppb
Lithium	6-1						%
Magnesium	24-2	6.47	6.36	5.87	6.23	5.08	ppb
Manganese	55-2	4.42	4.30	4.37	4.36	1.36	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-11	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:23:29	DataFile Name :	124SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	65.45	ppb
Molybdenum	96-1	0.01	0.02	0.03	0.02	32.62	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	67.38	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	89.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.22	0.21	0.20	8.13	ppb
Phosphorus	31-2	-6.75	-7.77	-6.57	-7.03		ppb
Potassium	39-2	15.52	16.13	19.38	17.01	12.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.09	-0.18	-0.18	-0.09		ppb
Selenium	78-2	-0.90	-0.88	-0.79	-0.86		ppb
Selenium	82-1	0.29	0.36	0.81	0.49	57.20	ppb
Silicon	28-1	-20.04	-19.03	-18.35	-19.14		ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.01	ppb
Silver	107-1	0.03	0.03	0.02	0.03	13.96	ppb
Sodium	23-2	89.71	87.07	89.69	88.83	1.71	ppb
Strontium	86-1	-0.03	-0.07	0.01	-0.03		ppb
Strontium	88-1	0.16	0.15	0.15	0.15	4.29	ppb
Sulfur	34-1	-1342.73	-1209.58	-1006.53	-1186.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.02	0.02	0.01	0.02	28.63	ppb
Titanium	47-1	-0.22	-0.23	-0.22	-0.22		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	34.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.25	9.42	9.15	9.27	1.45	ppb
Zirconium	90-1	-0.01	-0.02	-0.02	-0.02		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-11	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:23:29	DataFile Name :	124SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	-0.02	-0.01	-0.02		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01	Instrumnet Name :	P7
Client Sample ID :	RD-2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:26:58	DataFile Name :	125SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.59	46.62	47.80	45.00	8.60	ppb
Antimony	121-1	0.87	0.86	0.89	0.87	1.78	ppb
Arsenic	75-2	0.66	0.70	0.75	0.70	6.76	ppb
Barium	135-1	51.36	49.95	50.88	50.73	1.41	ppb
Barium	137-1	50.84	50.05	50.12	50.34	0.87	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.74	24.23	25.21	24.06	5.17	ppb
Boron	11-1	23.83	24.17	25.01	24.34	2.50	ppb
Cadmium	111-1	-0.03	-0.06	-0.12	-0.07		ppb
Cadmium	106-1	-1.61	-2.10	-2.88	-2.20		ppb
Cadmium	108-1	0.20	0.20	0.17	0.19	9.38	ppb
Calcium	43-1	155902.13	157221.24	158618.59	157247.32	0.86	ppb
Calcium	44-1	155461.39	155486.55	156842.76	155930.23	0.51	ppb
Chromium	52-2	0.35	0.42	0.38	0.39	9.24	ppb
Cobalt	59-2	0.16	0.16	0.17	0.16	3.93	ppb
Copper	63-2	17.38	17.52	17.24	17.38	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	325.05	321.99	325.43	324.16	0.58	ppb
Iron	57-2	334.93	346.98	348.43	343.45	2.16	ppb
Lead	206-1	0.19	0.14	0.17	0.17	16.01	ppb
Lead	207-1	0.17	0.18	0.16	0.17	5.36	ppb
Lead	208-1	0.17	0.16	0.17	0.17	5.04	ppb
Lithium	6-1						%
Magnesium	24-2	39064.84	38808.90	38607.82	38827.19	0.59	ppb
Manganese	55-2	63.58	62.67	63.63	63.29	0.86	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01	Instrumnet Name :	P7
Client Sample ID :	RD-2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:26:58	DataFile Name :	125SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.33	0.32	0.34	0.33	2.96	ppb
Molybdenum	95-1	0.64	0.66	0.70	0.67	3.98	ppb
Molybdenum	96-1	0.59	0.59	0.60	0.59	1.11	ppb
Molybdenum	97-1	0.70	0.71	0.65	0.69	4.94	ppb
Molybdenum	98-1	0.63	0.70	0.69	0.67	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.03	1.03	1.00	5.45	ppb
Phosphorus	31-2	3.76	11.44	6.21	7.14	55.00	ppb
Potassium	39-2	949.93	948.02	946.88	948.28	0.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.52	1.17	3.56	2.08	61.87	ppb
Selenium	78-2	-0.88	-0.22	0.25	-0.28		ppb
Selenium	82-1	0.35	0.62	0.44	0.47	28.49	ppb
Silicon	28-1	6253.92	6290.20	6294.12	6279.41	0.35	ppb
Silver	109-1	0.36	0.33	0.32	0.34	6.28	ppb
Silver	107-1	0.34	0.32	0.29	0.32	8.19	ppb
Sodium	23-2	10234.33	10139.59	10161.67	10178.53	0.49	ppb
Strontium	86-1	272.93	274.15	273.23	273.44	0.23	ppb
Strontium	88-1	280.50	280.60	279.07	280.06	0.30	ppb
Sulfur	34-1	41470.43	41467.95	41423.31	41453.90	0.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.11	1.18	1.15	1.15	3.27	ppb
Titanium	47-1	1.03	1.16	1.24	1.14	9.36	ppb
Uranium	238-1	1.72	1.71	1.73	1.72	0.75	ppb
Vanadium	51-2	0.98	0.98	1.04	1.00	3.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.92	20.64	20.68	20.75	0.74	ppb
Zirconium	90-1	0.17	0.19	0.19	0.18	5.98	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01	Instrumnet Name :	P7
Client Sample ID :	RD-2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:26:58	DataFile Name :	125SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.19	0.20	0.19	5.58	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01DUP	Instrumnet Name :	P7
Client Sample ID :	RD-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:30:27	DataFile Name :	126SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.15	43.08	46.67	46.64	7.58	ppb
Antimony	121-1	0.77	0.75	0.78	0.77	2.20	ppb
Arsenic	75-2	0.79	0.73	0.74	0.75	3.99	ppb
Barium	135-1	50.59	50.40	49.70	50.23	0.94	ppb
Barium	137-1	50.33	49.99	50.52	50.28	0.54	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.72	26.66	24.91	25.43	4.21	ppb
Boron	11-1	24.34	24.53	24.87	24.58	1.08	ppb
Cadmium	111-1	-0.08	-0.04	-0.13	-0.08		ppb
Cadmium	106-1	-2.21	-1.83	-2.79	-2.28		ppb
Cadmium	108-1	0.06	0.18	0.13	0.12	52.80	ppb
Calcium	43-1	156333.42	154379.41	155184.11	155298.98	0.63	ppb
Calcium	44-1	155210.12	154082.28	155783.73	155025.38	0.56	ppb
Chromium	52-2	0.36	0.37	0.36	0.37	1.29	ppb
Cobalt	59-2	0.14	0.15	0.16	0.15	5.99	ppb
Copper	63-2	16.98	16.76	17.01	16.92	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	322.15	329.99	323.78	325.31	1.27	ppb
Iron	57-2	346.19	343.64	356.15	348.66	1.90	ppb
Lead	206-1	0.12	0.15	0.14	0.14	9.81	ppb
Lead	207-1	0.13	0.14	0.14	0.14	4.07	ppb
Lead	208-1	0.13	0.13	0.13	0.13	0.75	ppb
Lithium	6-1						%
Magnesium	24-2	38646.58	38995.24	38672.70	38771.51	0.50	ppb
Manganese	55-2	62.58	63.17	62.69	62.81	0.51	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01DUP	Instrumnet Name :	P7
Client Sample ID :	RD-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:30:27	DataFile Name :	126SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.30	0.31	0.30	0.30	3.08	ppb
Molybdenum	95-1	0.62	0.64	0.62	0.63	2.15	ppb
Molybdenum	96-1	0.53	0.53	0.56	0.54	3.75	ppb
Molybdenum	97-1	0.64	0.60	0.63	0.62	3.30	ppb
Molybdenum	98-1	0.63	0.64	0.62	0.63	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.92	0.91	0.93	2.09	ppb
Phosphorus	31-2	19.39	7.59	11.73	12.90	46.38	ppb
Potassium	39-2	934.11	932.83	946.70	937.88	0.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.88	3.56	3.56	3.33	11.74	ppb
Selenium	78-2	-0.25	0.92	-0.37	0.10	710.12	ppb
Selenium	82-1	1.30	0.16	1.70	1.05	75.71	ppb
Silicon	28-1	6240.41	6212.36	6216.65	6223.14	0.24	ppb
Silver	109-1	0.24	0.24	0.21	0.23	7.01	ppb
Silver	107-1	0.22	0.24	0.22	0.23	4.45	ppb
Sodium	23-2	10074.45	10024.36	10091.59	10063.47	0.35	ppb
Strontium	86-1	267.65	266.96	266.40	267.01	0.23	ppb
Strontium	88-1	272.90	276.75	273.82	274.49	0.73	ppb
Sulfur	34-1	41367.42	40751.11	41289.19	41135.91	0.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	1.04	1.06	1.02	1.04	2.11	ppb
Titanium	47-1	2.57	1.63	7.09	3.77	77.52	ppb
Uranium	238-1	1.76	1.75	1.75	1.75	0.38	ppb
Vanadium	51-2	1.09	1.17	1.11	1.12	3.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.73	19.90	19.92	19.85	0.52	ppb
Zirconium	90-1	0.15	0.15	0.17	0.16	5.89	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01DUP	Instrumnet Name :	P7
Client Sample ID :	RD-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:30:27	DataFile Name :	126SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.15	0.13	0.14	8.27	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:33:56	DataFile Name :	127CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9828.34	9817.76	9771.40	9805.83	0.31	ppb
Antimony	121-1	491.18	502.64	495.47	496.43	1.17	ppb
Arsenic	75-2	504.96	506.61	510.74	507.44	0.59	ppb
Barium	135-1	2554.28	2605.03	2583.59	2580.97	0.99	ppb
Barium	137-1	2553.08	2578.32	2565.11	2565.50	0.49	ppb
Beryllium	9-1	513.88	518.68	519.36	517.31	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	447.50	457.50	458.58	454.53	1.34	ppb
Boron	11-1	445.89	451.61	462.93	453.48	1.91	ppb
Cadmium	111-1	501.75	503.92	504.56	503.41	0.29	ppb
Cadmium	106-1	505.51	503.59	508.35	505.82	0.47	ppb
Cadmium	108-1	500.17	508.22	506.52	504.97	0.84	ppb
Calcium	43-1	50149.44	50481.46	49922.24	50184.38	0.56	ppb
Calcium	44-1	51321.59	51343.01	50480.68	51048.43	0.96	ppb
Chromium	52-2	525.09	525.33	525.21	525.21	0.02	ppb
Cobalt	59-2	537.50	541.12	540.99	539.87	0.38	ppb
Copper	63-2	1024.31	1030.70	1024.98	1026.66	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27743.02	28090.18	27807.69	27880.30	0.66	ppb
Iron	57-2	27200.01	27547.28	27406.93	27384.74	0.64	ppb
Lead	206-1	496.79	490.88	488.39	492.02	0.88	ppb
Lead	207-1	492.95	489.22	490.19	490.79	0.39	ppb
Lead	208-1	507.49	500.86	500.26	502.87	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	51462.87	51482.00	51370.45	51438.44	0.12	ppb
Manganese	55-2	1057.59	1064.89	1066.20	1062.89	0.44	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:33:56	DataFile Name :	127CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	521.10	510.79	507.31	513.07	1.40	ppb
Molybdenum	95-1	518.72	508.49	505.50	510.90	1.36	ppb
Molybdenum	96-1	509.54	503.49	501.80	504.94	0.81	ppb
Molybdenum	97-1	517.68	512.30	510.47	513.49	0.73	ppb
Molybdenum	98-1	528.54	519.85	515.94	521.44	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.73	542.40	540.03	541.05	0.23	ppb
Phosphorus	31-2	10506.42	10741.23	10568.31	10605.32	1.15	ppb
Potassium	39-2	25010.14	24806.76	25118.89	24978.59	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	499.39	518.39	509.11	508.96	1.87	ppb
Selenium	78-2	509.22	503.94	506.71	506.62	0.52	ppb
Selenium	82-1	520.47	517.45	518.90	518.94	0.29	ppb
Silicon	28-1	645.75	654.86	655.64	652.08	0.84	ppb
Silver	109-1	513.01	517.53	516.52	515.68	0.46	ppb
Silver	107-1	507.49	515.98	514.88	512.79	0.90	ppb
Sodium	23-2	53935.92	53575.80	53339.84	53617.19	0.56	ppb
Strontium	86-1	524.48	516.03	519.60	520.03	0.82	ppb
Strontium	88-1	533.60	524.50	527.32	528.47	0.88	ppb
Sulfur	34-1	10604.87	10503.37	10403.25	10503.83	0.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	520.97	518.92	518.58	519.49	0.25	ppb
Thallium	205-1	524.96	515.17	513.89	518.01	1.17	ppb
Tin	118-1	505.69	521.54	516.62	514.62	1.58	ppb
Titanium	47-1	510.70	516.42	515.80	514.31	0.61	ppb
Uranium	238-1	488.68	482.28	481.04	484.00	0.85	ppb
Vanadium	51-2	522.52	521.53	522.03	522.03	0.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1038.93	1045.81	1044.64	1043.13	0.35	ppb
Zirconium	90-1	513.25	511.31	512.93	512.50	0.20	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:33:56	DataFile Name :	127CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.11	494.11	500.25	499.82	1.10	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:40:49	DataFile Name :	129CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.24	0.12	0.18	33.17	ppb
Antimony	121-1	0.35	0.41	0.49	0.42	17.14	ppb
Arsenic	75-2	0.13	0.10	0.18	0.14	27.95	ppb
Barium	135-1	-0.06	-0.07	-0.07	-0.07		ppb
Barium	137-1	-0.05	-0.05	-0.05	-0.05		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	66.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.80	3.81	4.06	3.89	3.83	ppb
Boron	11-1	3.87	3.70	3.65	3.74	3.03	ppb
Cadmium	111-1	-0.04	-0.11	-0.07	-0.07		ppb
Cadmium	106-1	-0.42	-1.41	-0.76	-0.86		ppb
Cadmium	108-1	0.01	0.03	0.04	0.03	51.79	ppb
Calcium	43-1	-0.69	0.98	-0.34	-0.02		ppb
Calcium	44-1	-3.70	-2.38	-3.45	-3.18		ppb
Chromium	52-2	0.03	0.03	0.01	0.03	40.17	ppb
Cobalt	59-2	-0.04	-0.03	-0.03	-0.03		ppb
Copper	63-2	2.12	1.91	1.94	1.99	5.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.44	-0.46	-0.42	-0.44		ppb
Iron	57-2	-0.60	-1.55	-0.65	-0.93		ppb
Lead	206-1	-0.06	-0.06	-0.04	-0.05		ppb
Lead	207-1	-0.05	-0.03	-0.04	-0.04		ppb
Lead	208-1	-0.06	-0.06	-0.05	-0.06		ppb
Lithium	6-1						%
Magnesium	24-2	0.39	0.14	0.21	0.24	52.78	ppb
Manganese	55-2	0.12	0.10	0.10	0.11	11.83	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:40:49	DataFile Name :	129CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.06	0.06	14.44	ppb
Molybdenum	95-1	0.10	0.13	0.20	0.14	35.90	ppb
Molybdenum	96-1	0.11	0.11	0.19	0.14	35.75	ppb
Molybdenum	97-1	0.14	0.14	0.20	0.16	23.28	ppb
Molybdenum	98-1	0.12	0.15	0.22	0.16	32.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.16	-0.15	-0.15		ppb
Phosphorus	31-2	-9.24	1.21	-6.76	-4.93		ppb
Potassium	39-2	8.85	8.95	13.01	10.27	23.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	0.14	-0.07		ppb
Selenium	78-2	-0.89	-0.85	-0.37	-0.70		ppb
Selenium	82-1	-0.10	0.65	0.19	0.25	152.76	ppb
Silicon	28-1	-6.58	-6.09	-5.92	-6.20		ppb
Silver	109-1	0.04	0.03	0.04	0.03	19.64	ppb
Silver	107-1	0.04	0.03	0.04	0.03	12.98	ppb
Sodium	23-2	32.83	31.85	32.79	32.49	1.70	ppb
Strontium	86-1	-0.04	0.04	-0.10	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	342.65	549.85	623.03	505.18	28.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.07	0.07	0.11	0.08	26.76	ppb
Titanium	47-1	-0.21	-0.19	-0.17	-0.19		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	82.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.10	-0.07	-0.06	-0.08		ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	42.16	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:40:49	DataFile Name :	129CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	278.18	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01LX5	Instrumnet Name :	P7
Client Sample ID :	RD-2L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 18:44:19	DataFile Name :	130SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.72	9.10	9.78	9.54	3.97	ppb
Antimony	121-1	0.40	0.40	0.40	0.40	0.87	ppb
Arsenic	75-2	0.21	0.14	0.21	0.19	20.44	ppb
Barium	135-1	9.89	9.80	9.99	9.89	0.98	ppb
Barium	137-1	9.74	9.90	9.97	9.87	1.17	ppb
Beryllium	9-1	0.02	0.01	-0.02	0.00	614.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.56	6.15	6.76	6.83	10.34	ppb
Boron	11-1	7.05	6.77	6.61	6.81	3.31	ppb
Cadmium	111-1	-0.19	-0.13	-0.12	-0.15		ppb
Cadmium	106-1	-2.71	-1.90	-1.93	-2.18		ppb
Cadmium	108-1	0.04	0.03	0.01	0.03	53.60	ppb
Calcium	43-1	29521.65	29808.31	29802.33	29710.76	0.55	ppb
Calcium	44-1	30016.47	30375.54	30417.59	30269.87	0.73	ppb
Chromium	52-2	0.08	0.05	0.07	0.07	17.00	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	209.25	ppb
Copper	63-2	4.81	4.84	4.83	4.83	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	63.19	62.38	64.32	63.30	1.54	ppb
Iron	57-2	66.57	63.67	66.48	65.57	2.52	ppb
Lead	206-1	-0.06	-0.07	-0.05	-0.06		ppb
Lead	207-1	-0.05	-0.04	-0.05	-0.05		ppb
Lead	208-1	-0.06	-0.06	-0.06	-0.06		ppb
Lithium	6-1						%
Magnesium	24-2	7699.17	7670.83	7713.20	7694.40	0.28	ppb
Manganese	55-2	12.48	12.38	12.42	12.42	0.38	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01LX5	Instrumnet Name :	P7
Client Sample ID :	RD-2L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 18:44:19	DataFile Name :	130SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.10	0.10	0.09	21.15	ppb
Molybdenum	95-1	0.18	0.19	0.20	0.19	5.98	ppb
Molybdenum	96-1	0.15	0.18	0.20	0.18	14.68	ppb
Molybdenum	97-1	0.18	0.20	0.21	0.20	7.00	ppb
Molybdenum	98-1	0.20	0.20	0.21	0.20	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.16	0.07	0.10	49.94	ppb
Phosphorus	31-2	4.25	2.90	-7.77	-0.21		ppb
Potassium	39-2	193.33	189.33	193.87	192.18	1.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.13	0.13	-0.18	0.03	602.48	ppb
Selenium	78-2	0.29	-0.90	-0.69	-0.43		ppb
Selenium	82-1	1.42	-0.20	0.62	0.62	131.24	ppb
Silicon	28-1	1212.36	1234.27	1230.73	1225.78	0.96	ppb
Silver	109-1	0.18	0.16	0.17	0.17	6.46	ppb
Silver	107-1	0.17	0.17	0.15	0.17	6.67	ppb
Sodium	23-2	1994.23	1991.01	2007.02	1997.42	0.42	ppb
Strontium	86-1	52.66	52.29	52.44	52.46	0.35	ppb
Strontium	88-1	53.54	53.54	53.35	53.48	0.21	ppb
Sulfur	34-1	7858.21	8045.50	8127.04	8010.25	1.72	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.10	0.11	0.10	8.74	ppb
Titanium	47-1	0.19	0.04	0.07	0.10	79.60	ppb
Uranium	238-1	0.32	0.35	0.33	0.33	4.54	ppb
Vanadium	51-2	0.17	0.16	0.17	0.17	1.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.95	4.19	3.92	4.02	3.63	ppb
Zirconium	90-1	0.05	0.06	0.06	0.05	10.73	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01LX5	Instrumnet Name :	P7
Client Sample ID :	RD-2L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 18:44:19	DataFile Name :	130SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.05	0.04	11.44	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MS	Instrumnet Name :	P7
Client Sample ID :	RD-2MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:47:48	DataFile Name :	131SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10010.94	9932.88	9983.49	9975.77	0.40	ppb
Antimony	121-1	518.25	509.48	517.15	514.96	0.93	ppb
Arsenic	75-2	532.21	528.02	530.91	530.38	0.40	ppb
Barium	135-1	2684.46	2692.55	2696.31	2691.10	0.22	ppb
Barium	137-1	2702.92	2673.97	2653.42	2676.77	0.93	ppb
Beryllium	9-1	435.96	438.51	439.04	437.84	0.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	900.75	917.94	920.37	913.02	1.17	ppb
Boron	11-1	886.10	890.38	896.30	890.93	0.57	ppb
Cadmium	111-1	498.00	492.16	490.52	493.56	0.80	ppb
Cadmium	106-1	492.48	489.85	485.85	489.39	0.68	ppb
Cadmium	108-1	495.37	488.73	492.01	492.04	0.67	ppb
Calcium	43-1	208822.15	209935.88	209269.97	209342.67	0.27	ppb
Calcium	44-1	208026.15	208451.74	208615.37	208364.42	0.15	ppb
Chromium	52-2	555.95	554.82	557.18	555.98	0.21	ppb
Cobalt	59-2	565.14	563.05	564.35	564.18	0.19	ppb
Copper	63-2	1175.10	1173.60	1178.34	1175.68	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29393.28	29090.95	29126.49	29203.57	0.57	ppb
Iron	57-2	28705.86	28633.67	28694.49	28678.01	0.14	ppb
Lead	206-1	548.94	556.87	561.92	555.91	1.18	ppb
Lead	207-1	478.52	485.33	489.64	484.50	1.16	ppb
Lead	208-1	520.47	528.77	533.97	527.73	1.29	ppb
Lithium	6-1						%
Magnesium	24-2	93066.33	93224.86	92755.54	93015.57	0.26	ppb
Manganese	55-2	1164.53	1157.94	1164.39	1162.29	0.32	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MS	Instrumnet Name :	P7
Client Sample ID :	RD-2MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:47:48	DataFile Name :	131SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	698.65	689.48	689.95	692.69	0.75	ppb
Molybdenum	95-1	1097.71	1088.54	1086.26	1090.84	0.56	ppb
Molybdenum	96-1	993.50	987.59	999.08	993.39	0.58	ppb
Molybdenum	97-1	1090.71	1076.34	1083.21	1083.42	0.66	ppb
Molybdenum	98-1	1109.62	1085.07	1090.15	1094.95	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	573.13	567.89	572.62	571.21	0.51	ppb
Phosphorus	31-2	5.57	11.76	6.81	8.05	40.69	ppb
Potassium	39-2	26677.35	26399.37	26445.66	26507.46	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	542.17	548.90	546.43	545.83	0.62	ppb
Selenium	78-2	528.10	535.67	523.18	528.98	1.19	ppb
Selenium	82-1	546.85	539.03	544.06	543.31	0.73	ppb
Silicon	28-1	7094.62	7132.30	7051.01	7092.64	0.57	ppb
Silver	109-1	239.84	237.77	235.97	237.86	0.82	ppb
Silver	107-1	241.10	236.95	236.83	238.30	1.02	ppb
Sodium	23-2	64970.18	64981.78	64820.27	64924.07	0.14	ppb
Strontium	86-1	804.50	792.38	801.76	799.55	0.79	ppb
Strontium	88-1	815.67	811.36	816.51	814.51	0.34	ppb
Sulfur	34-1	40786.20	40859.59	40359.64	40668.48	0.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.29	524.63	527.54	522.15	1.33	ppb
Thallium	205-1	519.52	528.00	530.52	526.01	1.10	ppb
Tin	118-1	1030.94	999.81	1014.89	1015.21	1.53	ppb
Titanium	47-1	1042.88	1052.90	1047.22	1047.67	0.48	ppb
Uranium	238-1	499.60	505.11	506.44	503.72	0.72	ppb
Vanadium	51-2	541.43	543.74	543.44	542.87	0.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1155.23	1143.19	1158.26	1152.22	0.69	ppb
Zirconium	90-1	520.71	518.64	516.65	518.67	0.39	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MS	Instrumnet Name :	P7
Client Sample ID :	RD-2MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:47:48	DataFile Name :	131SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.91	503.70	502.94	505.19	0.64	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MSD	Instrumnet Name :	P7
Client Sample ID :	RD-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:51:14	DataFile Name :	132SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9980.10	9991.15	9991.02	9987.43	0.06	ppb
Antimony	121-1	522.75	517.87	519.91	520.18	0.47	ppb
Arsenic	75-2	541.67	537.32	535.56	538.18	0.58	ppb
Barium	135-1	2731.02	2703.43	2730.55	2721.66	0.58	ppb
Barium	137-1	2714.53	2721.31	2710.36	2715.40	0.20	ppb
Beryllium	9-1	450.22	452.18	450.17	450.85	0.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	950.66	961.06	968.84	960.19	0.95	ppb
Boron	11-1	932.60	945.79	945.27	941.22	0.79	ppb
Cadmium	111-1	498.21	495.98	497.51	497.23	0.23	ppb
Cadmium	106-1	497.28	494.47	493.12	494.96	0.43	ppb
Cadmium	108-1	503.38	502.99	496.39	500.92	0.78	ppb
Calcium	43-1	210932.63	210558.59	211696.26	211062.49	0.27	ppb
Calcium	44-1	210994.60	209850.98	210073.02	210306.20	0.29	ppb
Chromium	52-2	560.96	562.63	561.69	561.76	0.15	ppb
Cobalt	59-2	568.42	574.26	571.63	571.44	0.51	ppb
Copper	63-2	1184.53	1194.19	1187.42	1188.71	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29676.77	29647.36	29543.99	29622.71	0.24	ppb
Iron	57-2	28925.29	29224.64	29221.00	29123.64	0.59	ppb
Lead	206-1	569.79	576.02	576.25	574.02	0.64	ppb
Lead	207-1	497.21	501.95	506.53	501.90	0.93	ppb
Lead	208-1	542.35	547.23	549.08	546.22	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	93169.76	92466.01	93185.73	92940.50	0.44	ppb
Manganese	55-2	1170.38	1172.52	1174.95	1172.62	0.20	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MSD	Instrumnet Name :	P7
Client Sample ID :	RD-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:51:14	DataFile Name :	132SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	697.36	708.55	705.30	703.74	0.82	ppb
Molybdenum	95-1	1103.11	1122.89	1124.55	1116.85	1.07	ppb
Molybdenum	96-1	1012.18	1023.76	1029.16	1021.70	0.85	ppb
Molybdenum	97-1	1096.99	1109.14	1110.78	1105.63	0.68	ppb
Molybdenum	98-1	1104.53	1117.93	1108.47	1110.31	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.95	585.61	578.48	581.01	0.69	ppb
Phosphorus	31-2	7.04	3.39	4.61	5.01	37.09	ppb
Potassium	39-2	26825.26	26911.91	26925.17	26887.45	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	520.64	525.90	514.70	520.42	1.08	ppb
Selenium	78-2	526.06	530.61	528.25	528.31	0.43	ppb
Selenium	82-1	550.36	546.80	553.12	550.09	0.58	ppb
Silicon	28-1	7109.76	7020.97	7057.94	7062.89	0.63	ppb
Silver	109-1	240.34	240.50	241.00	240.61	0.14	ppb
Silver	107-1	240.80	241.66	239.59	240.68	0.43	ppb
Sodium	23-2	65992.12	65351.93	65858.17	65734.07	0.51	ppb
Strontium	86-1	815.37	817.92	815.65	816.31	0.17	ppb
Strontium	88-1	828.56	828.97	840.92	832.82	0.84	ppb
Sulfur	34-1	40679.75	40694.36	40775.46	40716.52	0.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	537.70	539.92	543.04	540.22	0.50	ppb
Thallium	205-1	538.60	543.22	550.11	543.98	1.06	ppb
Tin	118-1	1035.19	1030.76	1024.85	1030.27	0.50	ppb
Titanium	47-1	1061.02	1050.07	1057.00	1056.03	0.52	ppb
Uranium	238-1	521.74	520.95	525.72	522.80	0.49	ppb
Vanadium	51-2	551.31	551.89	549.96	551.05	0.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1155.92	1157.55	1160.28	1157.91	0.19	ppb
Zirconium	90-1	525.39	524.88	522.74	524.33	0.27	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MSD	Instrumnet Name :	P7
Client Sample ID :	RD-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:51:14	DataFile Name :	132SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.68	513.86	517.69	514.74	0.51	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01A	Instrumnet Name :	P7
Client Sample ID :	RD-2A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:54:40	DataFile Name :	133SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9985.91	9977.60	10006.93	9990.15	0.15	ppb
Antimony	121-1	521.14	520.34	516.02	519.17	0.53	ppb
Arsenic	75-2	534.03	540.72	534.20	536.32	0.71	ppb
Barium	135-1	2728.40	2722.65	2699.85	2716.97	0.56	ppb
Barium	137-1	2707.57	2712.13	2692.59	2704.10	0.38	ppb
Beryllium	9-1	457.81	451.92	453.72	454.48	0.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	966.07	977.95	980.91	974.98	0.81	ppb
Boron	11-1	946.76	950.54	971.93	956.41	1.42	ppb
Cadmium	111-1	500.31	499.18	493.40	497.63	0.75	ppb
Cadmium	106-1	495.50	491.49	489.71	492.23	0.60	ppb
Cadmium	108-1	504.83	498.73	497.41	500.32	0.79	ppb
Calcium	43-1	209801.95	209859.28	212121.68	210594.30	0.63	ppb
Calcium	44-1	210196.63	210678.77	209904.29	210259.90	0.19	ppb
Chromium	52-2	559.31	562.74	562.13	561.39	0.33	ppb
Cobalt	59-2	568.34	574.13	572.74	571.73	0.53	ppb
Copper	63-2	1181.60	1193.45	1194.38	1189.81	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29498.18	29706.07	29464.93	29556.39	0.44	ppb
Iron	57-2	28892.54	29141.63	29139.59	29057.92	0.49	ppb
Lead	206-1	573.60	568.31	566.03	569.31	0.68	ppb
Lead	207-1	499.81	496.23	498.62	498.22	0.37	ppb
Lead	208-1	543.31	541.47	542.18	542.32	0.17	ppb
Lithium	6-1						%
Magnesium	24-2	93774.34	93539.24	92934.38	93415.99	0.46	ppb
Manganese	55-2	1168.60	1171.30	1166.70	1168.87	0.20	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01A	Instrumnet Name :	P7
Client Sample ID :	RD-2A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:54:40	DataFile Name :	133SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	698.60	695.44	696.58	696.88	0.23	ppb
Molybdenum	95-1	1106.01	1100.52	1102.11	1102.88	0.26	ppb
Molybdenum	96-1	1009.33	1005.87	1011.19	1008.80	0.27	ppb
Molybdenum	97-1	1087.23	1086.82	1090.05	1088.03	0.16	ppb
Molybdenum	98-1	1100.55	1091.05	1102.80	1098.13	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	576.90	582.71	581.44	580.35	0.53	ppb
Phosphorus	31-2	6.27	13.33	15.71	11.77	41.71	ppb
Potassium	39-2	26490.85	26798.05	26646.20	26645.03	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	527.91	532.92	524.85	528.56	0.77	ppb
Selenium	78-2	534.75	536.64	533.21	534.87	0.32	ppb
Selenium	82-1	551.10	543.53	550.10	548.24	0.75	ppb
Silicon	28-1	6984.53	7046.72	7191.09	7074.12	1.50	ppb
Silver	109-1	241.89	241.22	237.18	240.10	1.06	ppb
Silver	107-1	241.81	240.78	238.02	240.20	0.82	ppb
Sodium	23-2	65469.26	65952.85	65564.24	65662.12	0.39	ppb
Strontium	86-1	812.04	806.78	813.60	810.81	0.44	ppb
Strontium	88-1	826.77	823.73	829.11	826.53	0.33	ppb
Sulfur	34-1	40304.53	40368.60	40324.34	40332.49	0.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	546.47	533.97	534.19	538.21	1.33	ppb
Thallium	205-1	544.46	539.30	538.07	540.61	0.63	ppb
Tin	118-1	1035.53	1036.45	1011.06	1027.68	1.40	ppb
Titanium	47-1	1058.36	1061.03	1054.55	1057.98	0.31	ppb
Uranium	238-1	520.27	520.43	516.29	519.00	0.45	ppb
Vanadium	51-2	547.79	550.41	552.14	550.11	0.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1153.90	1163.55	1162.24	1159.90	0.45	ppb
Zirconium	90-1	521.88	519.24	519.80	520.31	0.27	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01A	Instrumnet Name :	P7
Client Sample ID :	RD-2A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:54:40	DataFile Name :	133SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.17	505.21	509.68	507.02	0.46	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-02	Instrumnet Name :	P7
Client Sample ID :	RD-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:58:06	DataFile Name :	134SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.37	42.92	42.39	41.90	3.21	ppb
Antimony	121-1	0.93	0.98	0.97	0.96	2.90	ppb
Arsenic	75-2	1.16	1.36	1.25	1.26	7.97	ppb
Barium	135-1	50.26	50.76	50.30	50.44	0.55	ppb
Barium	137-1	50.81	50.46	49.43	50.23	1.43	ppb
Beryllium	9-1	0.08	0.11	0.10	0.10	14.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	55.46	52.44	53.42	53.77	2.86	ppb
Boron	11-1	53.56	52.42	51.08	52.36	2.38	ppb
Cadmium	111-1	-0.04	-0.03	-0.06	-0.04		ppb
Cadmium	106-1	-2.76	-2.29	-2.57	-2.54		ppb
Cadmium	108-1	0.28	0.30	0.20	0.26	20.80	ppb
Calcium	43-1	158082.61	155664.02	155962.94	156569.86	0.84	ppb
Calcium	44-1	157109.78	156066.37	157381.38	156852.51	0.44	ppb
Chromium	52-2	0.60	0.63	0.63	0.62	2.87	ppb
Cobalt	59-2	0.14	0.15	0.14	0.14	3.23	ppb
Copper	63-2	16.28	16.17	16.16	16.20	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	218.28	220.24	218.70	219.07	0.47	ppb
Iron	57-2	235.12	241.99	240.14	239.08	1.49	ppb
Lead	206-1	0.11	0.13	0.12	0.12	7.61	ppb
Lead	207-1	0.15	0.12	0.10	0.13	21.01	ppb
Lead	208-1	0.13	0.12	0.11	0.12	9.16	ppb
Lithium	6-1						%
Magnesium	24-2	39433.47	39616.58	39257.79	39435.95	0.45	ppb
Manganese	55-2	55.61	55.78	56.09	55.83	0.44	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-02	Instrumnet Name :	P7
Client Sample ID :	RD-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:58:06	DataFile Name :	134SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.58	0.63	0.69	0.63	8.41	ppb
Molybdenum	95-1	1.20	1.29	1.39	1.29	7.21	ppb
Molybdenum	96-1	1.04	1.14	1.27	1.15	9.86	ppb
Molybdenum	97-1	1.25	1.31	1.43	1.33	6.84	ppb
Molybdenum	98-1	1.18	1.31	1.43	1.31	9.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.03	1.10	1.03	7.36	ppb
Phosphorus	31-2	11.88	-0.52	8.95	6.77	95.74	ppb
Potassium	39-2	912.56	935.52	924.97	924.35	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.38	3.66	3.69	3.91	10.39	ppb
Selenium	78-2	0.59	1.21	0.95	0.92	33.88	ppb
Selenium	82-1	1.60	-0.20	1.18	0.86	109.91	ppb
Silicon	28-1	6228.76	6166.75	6201.14	6198.88	0.50	ppb
Silver	109-1	0.25	0.23	0.22	0.23	5.05	ppb
Silver	107-1	0.22	0.24	0.24	0.23	3.86	ppb
Sodium	23-2	10332.18	10401.63	10218.85	10317.55	0.89	ppb
Strontium	86-1	269.69	271.96	266.88	269.51	0.94	ppb
Strontium	88-1	277.95	275.29	276.48	276.57	0.48	ppb
Sulfur	34-1	39781.99	39493.57	39471.29	39582.28	0.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.11	0.12	8.93	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	1.60	ppb
Tin	118-1	3.31	3.29	3.04	3.21	4.77	ppb
Titanium	47-1	1.30	1.04	1.25	1.20	11.33	ppb
Uranium	238-1	1.76	1.79	1.77	1.77	0.82	ppb
Vanadium	51-2	1.10	1.10	1.08	1.10	0.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.15	21.12	21.13	21.13	0.08	ppb
Zirconium	90-1	0.33	0.34	0.38	0.35	7.21	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-02	Instrumnet Name :	P7
Client Sample ID :	RD-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:58:06	DataFile Name :	134SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.39	0.39	0.37	9.47	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-03	Instrumnet Name :	P7
Client Sample ID :	RD-4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:01:36	DataFile Name :	135SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.73	26.55	25.43	27.24	8.20	ppb
Antimony	121-1	0.43	0.48	0.47	0.46	5.98	ppb
Arsenic	75-2	0.71	0.67	0.72	0.70	4.10	ppb
Barium	135-1	153.13	153.70	153.93	153.58	0.27	ppb
Barium	137-1	155.49	152.58	153.12	153.73	1.01	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	27.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	121.93	122.80	127.26	124.00	2.30	ppb
Boron	11-1	120.54	121.92	121.87	121.44	0.64	ppb
Cadmium	111-1	-0.13	-0.20	-0.13	-0.15		ppb
Cadmium	106-1	-2.09	-2.85	-1.82	-2.26		ppb
Cadmium	108-1	0.09	0.11	0.17	0.12	36.86	ppb
Calcium	43-1	171918.65	167184.63	170035.09	169712.79	1.40	ppb
Calcium	44-1	169089.21	167694.37	169495.01	168759.53	0.56	ppb
Chromium	52-2	0.64	0.73	0.69	0.69	6.47	ppb
Cobalt	59-2	0.28	0.27	0.25	0.27	6.19	ppb
Copper	63-2	15.31	15.53	15.72	15.52	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7351.55	7339.25	7389.95	7360.25	0.36	ppb
Iron	57-2	7191.95	7202.53	7268.39	7220.96	0.57	ppb
Lead	206-1	0.33	0.35	0.33	0.34	3.85	ppb
Lead	207-1	0.31	0.33	0.29	0.31	5.50	ppb
Lead	208-1	0.31	0.33	0.31	0.32	3.49	ppb
Lithium	6-1						%
Magnesium	24-2	41197.53	40962.49	41229.47	41129.83	0.35	ppb
Manganese	55-2	719.15	718.37	722.90	720.14	0.34	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-03	Instrumnet Name :	P7
Client Sample ID :	RD-4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:01:36	DataFile Name :	135SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.33	0.31	0.31	7.46	ppb
Molybdenum	95-1	0.31	0.35	0.42	0.36	15.94	ppb
Molybdenum	96-1	0.30	0.37	0.41	0.36	15.15	ppb
Molybdenum	97-1	0.30	0.40	0.46	0.39	20.87	ppb
Molybdenum	98-1	0.32	0.35	0.45	0.37	17.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.17	0.17	0.18	7.14	ppb
Phosphorus	31-2	544.56	534.69	506.76	528.67	3.71	ppb
Potassium	39-2	5858.87	5873.71	5894.10	5875.56	0.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.43	5.26	4.52	4.40	20.88	ppb
Selenium	78-2	-0.44	0.66	-0.49	-0.09		ppb
Selenium	82-1	-0.16	1.19	0.66	0.56	120.57	ppb
Silicon	28-1	10805.79	10650.92	10664.44	10707.05	0.80	ppb
Silver	109-1	0.21	0.19	0.19	0.20	6.95	ppb
Silver	107-1	0.19	0.19	0.19	0.19	0.64	ppb
Sodium	23-2	22940.66	22885.98	22946.17	22924.27	0.15	ppb
Strontium	86-1	928.21	935.54	934.98	932.91	0.44	ppb
Strontium	88-1	947.36	960.55	959.34	955.75	0.76	ppb
Sulfur	34-1	329.88	73.01	103.22	168.70	83.22	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	15.17	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.22	ppb
Tin	118-1	2.06	2.11	2.05	2.07	1.73	ppb
Titanium	47-1	1.55	1.99	2.45	2.00	22.60	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.25	ppb
Vanadium	51-2	0.99	1.03	1.04	1.02	2.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.39	8.58	8.84	8.61	2.63	ppb
Zirconium	90-1	0.29	0.29	0.29	0.29	0.69	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-03	Instrumnet Name :	P7
Client Sample ID :	RD-4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:01:36	DataFile Name :	135SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.30	0.29	0.31	0.30	2.10	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-04	Instrumnet Name :	P7
Client Sample ID :	RD-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:05:05	DataFile Name :	136SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.00	105.48	98.39	99.62	5.37	ppb
Antimony	121-1	1.03	1.03	1.05	1.04	1.24	ppb
Arsenic	75-2	3.09	3.13	3.29	3.17	3.21	ppb
Barium	135-1	108.72	108.82	108.48	108.67	0.16	ppb
Barium	137-1	108.85	108.86	108.86	108.86	0.00	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	19.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	62.12	62.32	63.01	62.48	0.75	ppb
Boron	11-1	60.30	60.97	60.81	60.69	0.58	ppb
Cadmium	111-1	0.66	0.76	0.76	0.72	8.04	ppb
Cadmium	106-1	-2.11	-1.91	-1.06	-1.69		ppb
Cadmium	108-1	1.13	0.90	0.93	0.99	12.41	ppb
Calcium	43-1	91589.37	92249.60	91798.80	91879.26	0.37	ppb
Calcium	44-1	93098.63	93611.90	94356.64	93689.06	0.68	ppb
Chromium	52-2	1.57	1.60	1.58	1.58	1.07	ppb
Cobalt	59-2	0.33	0.33	0.33	0.33	1.44	ppb
Copper	63-2	45.86	45.94	46.06	45.95	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2157.99	2150.35	2140.36	2149.57	0.41	ppb
Iron	57-2	2112.64	2091.56	2115.90	2106.70	0.63	ppb
Lead	206-1	0.78	0.81	0.82	0.80	3.17	ppb
Lead	207-1	0.69	0.71	0.72	0.71	2.25	ppb
Lead	208-1	0.74	0.76	0.76	0.76	1.75	ppb
Lithium	6-1						%
Magnesium	24-2	14352.85	14292.69	14322.77	14322.77	0.21	ppb
Manganese	55-2	99.33	97.87	98.95	98.72	0.77	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-04	Instrumnet Name :	P7
Client Sample ID :	RD-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:05:05	DataFile Name :	136SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.95	0.88	0.88	0.90	4.44	ppb
Molybdenum	95-1	2.38	2.41	2.56	2.45	3.96	ppb
Molybdenum	96-1	2.00	2.08	2.07	2.05	1.92	ppb
Molybdenum	97-1	2.34	2.43	2.39	2.39	1.92	ppb
Molybdenum	98-1	2.30	2.40	2.46	2.39	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.72	2.51	2.59	4.54	ppb
Phosphorus	31-2	87.31	112.80	79.88	93.33	18.50	ppb
Potassium	39-2	4170.43	4169.23	4194.93	4178.19	0.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.73	5.12	3.72	4.19	19.31	ppb
Selenium	78-2	0.70	0.45	-0.66	0.16	452.17	ppb
Selenium	82-1	1.08	0.26	0.31	0.55	83.19	ppb
Silicon	28-1	3520.56	3523.71	3521.53	3521.93	0.05	ppb
Silver	109-1	0.21	0.21	0.20	0.21	3.68	ppb
Silver	107-1	0.21	0.22	0.19	0.21	6.55	ppb
Sodium	23-2	2889.32	2876.14	2882.51	2882.66	0.23	ppb
Strontium	86-1	262.39	264.18	263.62	263.40	0.35	ppb
Strontium	88-1	270.36	272.18	273.98	272.17	0.67	ppb
Sulfur	34-1	7322.09	7503.24	7388.86	7404.73	1.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.05	0.05	14.46	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	5.95	ppb
Tin	118-1	1.63	1.69	1.73	1.68	3.19	ppb
Titanium	47-1	5.44	4.63	2.69	4.25	33.29	ppb
Uranium	238-1	1.13	1.12	1.15	1.13	1.04	ppb
Vanadium	51-2	1.25	1.25	1.27	1.26	1.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	212.85	209.07	211.41	211.11	0.90	ppb
Zirconium	90-1	0.28	0.28	0.29	0.28	1.26	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-04	Instrumnet Name :	P7
Client Sample ID :	RD-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:05:05	DataFile Name :	136SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.35	0.37	0.35	7.08	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-05	Instrumnet Name :	P7
Client Sample ID :	RD-5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:08:34	DataFile Name :	137SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.69	4.29	4.21	4.40	5.77	ppb
Antimony	121-1	0.35	0.39	0.41	0.38	7.69	ppb
Arsenic	75-2	1.35	1.42	1.29	1.35	4.98	ppb
Barium	135-1	38.64	38.85	38.71	38.74	0.27	ppb
Barium	137-1	39.19	39.03	39.06	39.09	0.22	ppb
Beryllium	9-1	0.04	0.03	0.01	0.03	46.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	56.93	57.75	59.45	58.04	2.22	ppb
Boron	11-1	58.01	57.71	57.56	57.76	0.39	ppb
Cadmium	111-1	-0.10	-0.11	-0.21	-0.14		ppb
Cadmium	106-1	-1.74	-2.19	-3.01	-2.31		ppb
Cadmium	108-1	0.06	-0.02	0.08	0.04	122.55	ppb
Calcium	43-1	148728.72	148396.86	148616.65	148580.74	0.11	ppb
Calcium	44-1	148888.70	147317.37	148213.79	148139.96	0.53	ppb
Chromium	52-2	0.42	0.45	0.42	0.43	4.92	ppb
Cobalt	59-2	0.25	0.23	0.25	0.24	4.18	ppb
Copper	63-2	14.31	14.67	14.92	14.63	2.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1365.33	1386.99	1378.05	1376.79	0.79	ppb
Iron	57-2	1386.75	1396.61	1402.39	1395.25	0.57	ppb
Lead	206-1	0.11	0.10	0.08	0.09	16.48	ppb
Lead	207-1	0.10	0.09	0.09	0.09	4.76	ppb
Lead	208-1	0.11	0.10	0.08	0.10	11.97	ppb
Lithium	6-1						%
Magnesium	24-2	33319.52	33476.65	33164.26	33320.14	0.47	ppb
Manganese	55-2	343.96	350.14	346.86	346.99	0.89	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-05	Instrumnet Name :	P7
Client Sample ID :	RD-5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:08:34	DataFile Name :	137SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.34	0.36	0.35	4.50	ppb
Molybdenum	95-1	0.93	0.83	0.95	0.90	7.32	ppb
Molybdenum	96-1	0.73	0.76	0.82	0.77	5.90	ppb
Molybdenum	97-1	0.94	0.95	0.91	0.93	2.32	ppb
Molybdenum	98-1	0.89	0.90	0.89	0.89	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.94	1.72	1.78	7.75	ppb
Phosphorus	31-2	2.25	-5.84	12.32	2.91	312.67	ppb
Potassium	39-2	1902.48	1927.27	1907.40	1912.38	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.42	2.64	4.43	3.83	26.86	ppb
Selenium	78-2	0.27	-0.03	-0.13	0.04	581.11	ppb
Selenium	82-1	0.75	0.76	0.53	0.68	18.90	ppb
Silicon	28-1	4541.98	4483.16	4505.34	4510.16	0.66	ppb
Silver	109-1	0.16	0.16	0.15	0.16	3.64	ppb
Silver	107-1	0.18	0.17	0.17	0.17	4.82	ppb
Sodium	23-2	9574.56	9713.42	9650.85	9646.27	0.72	ppb
Strontium	86-1	682.37	677.52	676.96	678.95	0.44	ppb
Strontium	88-1	697.74	694.58	699.88	697.40	0.38	ppb
Sulfur	34-1	38916.74	38396.72	38313.46	38542.31	0.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.35	1.45	1.46	1.42	4.14	ppb
Titanium	47-1	0.55	0.52	0.47	0.51	7.56	ppb
Uranium	238-1	1.80	1.76	1.78	1.78	1.29	ppb
Vanadium	51-2	0.86	0.81	0.85	0.84	3.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.76	19.77	19.24	19.26	2.60	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	8.34	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-05	Instrumnet Name :	P7
Client Sample ID :	RD-5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:08:34	DataFile Name :	137SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.09	0.10	0.10	7.09	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-06	Instrumnet Name :	P7
Client Sample ID :	RD-3R	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:12:04	DataFile Name :	138SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.71	4.64	5.22	4.86	6.49	ppb
Antimony	121-1	0.44	0.50	0.51	0.49	7.99	ppb
Arsenic	75-2	0.53	0.60	0.52	0.55	7.93	ppb
Barium	135-1	14.39	15.02	14.66	14.69	2.13	ppb
Barium	137-1	15.04	14.79	14.43	14.75	2.11	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	117.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	179.38	183.45	187.97	183.60	2.34	ppb
Boron	11-1	180.98	180.53	184.15	181.89	1.09	ppb
Cadmium	111-1	-0.08	-0.07	0.00	-0.05		ppb
Cadmium	106-1	-2.30	-2.19	-1.21	-1.90		ppb
Cadmium	108-1	0.13	0.09	0.14	0.12	23.94	ppb
Calcium	43-1	221929.93	222041.63	221165.18	221712.24	0.22	ppb
Calcium	44-1	218555.75	221658.05	221114.72	220442.84	0.75	ppb
Chromium	52-2	0.67	0.73	0.70	0.70	4.55	ppb
Cobalt	59-2	0.29	0.30	0.32	0.31	5.83	ppb
Copper	63-2	14.75	14.69	14.89	14.78	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	89.01	88.24	89.43	88.89	0.68	ppb
Iron	57-2	117.05	110.20	120.51	115.92	4.53	ppb
Lead	206-1	0.65	0.65	0.65	0.65	0.16	ppb
Lead	207-1	0.65	0.63	0.66	0.65	2.69	ppb
Lead	208-1	0.66	0.65	0.65	0.65	1.11	ppb
Lithium	6-1						%
Magnesium	24-2	112395.42	111314.77	111502.13	111737.44	0.52	ppb
Manganese	55-2	100.71	100.84	101.11	100.89	0.20	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-06	Instrumnet Name :	P7
Client Sample ID :	RD-3R	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:12:04	DataFile Name :	138SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.16	1.12	1.13	1.13	1.71	ppb
Molybdenum	95-1	3.52	3.34	3.46	3.44	2.60	ppb
Molybdenum	96-1	2.82	2.68	2.91	2.80	4.29	ppb
Molybdenum	97-1	3.33	3.26	3.47	3.35	3.32	ppb
Molybdenum	98-1	3.42	3.31	3.44	3.39	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.41	1.46	1.42	2.89	ppb
Phosphorus	31-2	-7.62	6.92	15.62	4.97	236.16	ppb
Potassium	39-2	2717.07	2710.62	2704.01	2710.57	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.34	5.73	5.07	4.71	26.15	ppb
Selenium	78-2	-0.50	-0.83	0.58	-0.25		ppb
Selenium	82-1	3.68	3.50	2.91	3.36	11.96	ppb
Silicon	28-1	7269.98	7323.59	7284.74	7292.77	0.38	ppb
Silver	109-1	0.16	0.17	0.18	0.17	4.79	ppb
Silver	107-1	0.14	0.16	0.16	0.16	7.16	ppb
Sodium	23-2	66885.59	66508.13	66185.34	66526.35	0.53	ppb
Strontium	86-1	1900.51	1866.50	1893.56	1886.86	0.95	ppb
Strontium	88-1	1868.75	1845.21	1877.76	1863.91	0.90	ppb
Sulfur	34-1	133042.91	133435.50	131454.21	132644.21	0.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	1.19	1.25	1.21	1.21	2.28	ppb
Titanium	47-1	0.73	0.67	0.62	0.67	8.46	ppb
Uranium	238-1	10.57	10.45	10.52	10.51	0.57	ppb
Vanadium	51-2	0.98	1.02	1.09	1.03	5.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	44.45	43.61	45.20	44.42	1.79	ppb
Zirconium	90-1	0.17	0.17	0.16	0.17	3.22	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-06	Instrumnet Name :	P7
Client Sample ID :	RD-3R	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:12:04	DataFile Name :	138SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.13	0.18	0.17	16.20	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-04	Instrumnet Name :	P7
Client Sample ID :	S36-0111	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:15:34	DataFile Name :	139SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.65	9.35	13.50	12.17	20.05	ppb
Antimony	121-1	0.41	0.46	0.47	0.45	6.94	ppb
Arsenic	75-2	15.79	16.11	16.05	15.99	1.06	ppb
Barium	135-1	75.97	75.42	75.53	75.64	0.39	ppb
Barium	137-1	75.93	76.05	75.72	75.90	0.22	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	101.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.57	45.74	44.92	45.41	0.94	ppb
Boron	11-1	46.24	45.43	45.61	45.76	0.93	ppb
Cadmium	111-1	-0.20	-0.15	-0.19	-0.18		ppb
Cadmium	106-1	-2.74	-2.10	-2.48	-2.44		ppb
Cadmium	108-1	0.00	0.04	0.09	0.04	98.02	ppb
Calcium	43-1	98370.53	98479.80	97555.32	98135.22	0.51	ppb
Calcium	44-1	100036.82	100941.56	99361.01	100113.13	0.79	ppb
Chromium	52-2	2.32	2.35	2.66	2.44	7.55	ppb
Cobalt	59-2	0.05	0.07	0.06	0.06	11.60	ppb
Copper	63-2	64.17	64.20	64.35	64.24	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1992.60	1990.74	1982.92	1988.75	0.26	ppb
Iron	57-2	1964.95	1958.93	1945.41	1956.43	0.51	ppb
Lead	206-1	4.15	4.09	4.15	4.13	0.83	ppb
Lead	207-1	3.87	3.67	3.74	3.76	2.77	ppb
Lead	208-1	4.00	3.94	3.96	3.97	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	34504.08	34917.32	34855.60	34759.00	0.64	ppb
Manganese	55-2	561.70	561.60	561.80	561.70	0.02	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-04	Instrumnet Name :	P7
Client Sample ID :	S36-0111	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:15:34	DataFile Name :	139SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.20	0.17	0.18	7.03	ppb
Molybdenum	95-1	0.46	0.53	0.51	0.50	7.63	ppb
Molybdenum	96-1	0.45	0.44	0.46	0.45	1.96	ppb
Molybdenum	97-1	0.49	0.58	0.52	0.53	8.48	ppb
Molybdenum	98-1	0.51	0.54	0.52	0.52	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.87	3.07	2.97	2.97	3.47	ppb
Phosphorus	31-2	40.95	22.13	23.45	28.84	36.42	ppb
Potassium	39-2	7837.67	7861.79	7862.50	7853.99	0.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.87	3.72	5.88	4.82	22.43	ppb
Selenium	78-2	-0.02	-0.19	-0.77	-0.33		ppb
Selenium	82-1	0.42	1.40	1.41	1.08	52.76	ppb
Silicon	28-1	7968.78	7981.70	7882.26	7944.25	0.68	ppb
Silver	109-1	0.17	0.18	0.16	0.17	5.88	ppb
Silver	107-1	0.18	0.18	0.14	0.17	13.13	ppb
Sodium	23-2	43528.49	43773.59	43978.80	43760.30	0.52	ppb
Strontium	86-1	657.29	657.65	658.52	657.82	0.10	ppb
Strontium	88-1	671.43	675.29	676.48	674.40	0.39	ppb
Sulfur	34-1	21413.70	21001.48	20718.85	21044.68	1.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.11	1.21	1.17	1.17	4.19	ppb
Titanium	47-1	1.04	1.05	1.19	1.09	7.59	ppb
Uranium	238-1	1.28	1.26	1.29	1.28	1.17	ppb
Vanadium	51-2	1.02	0.96	1.02	1.00	3.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.06	32.87	32.41	32.45	1.25	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	33.05	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-04	Instrumnet Name :	P7
Client Sample ID :	S36-0111	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:15:34	DataFile Name :	139SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.02	0.03	28.33	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:19:03	DataFile Name :	140CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9780.71	9745.93	9706.04	9744.23	0.38	ppb
Antimony	121-1	489.75	492.23	494.46	492.15	0.48	ppb
Arsenic	75-2	507.95	506.98	502.94	505.95	0.53	ppb
Barium	135-1	2579.89	2564.39	2593.17	2579.15	0.56	ppb
Barium	137-1	2552.78	2539.30	2601.92	2564.66	1.29	ppb
Beryllium	9-1	524.69	521.16	524.50	523.45	0.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	458.25	457.76	464.47	460.16	0.81	ppb
Boron	11-1	457.53	453.36	456.44	455.78	0.48	ppb
Cadmium	111-1	492.52	492.17	500.99	495.22	1.01	ppb
Cadmium	106-1	493.85	494.07	501.12	496.35	0.83	ppb
Cadmium	108-1	489.88	491.99	499.87	493.91	1.07	ppb
Calcium	43-1	49895.66	50163.24	50440.33	50166.41	0.54	ppb
Calcium	44-1	50685.52	51042.69	51495.51	51074.57	0.79	ppb
Chromium	52-2	534.18	534.63	531.82	533.54	0.28	ppb
Cobalt	59-2	550.79	550.16	547.83	549.59	0.28	ppb
Copper	63-2	1049.07	1051.85	1046.95	1049.29	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28426.19	28145.44	28123.90	28231.85	0.60	ppb
Iron	57-2	27831.49	27754.32	27677.33	27754.38	0.28	ppb
Lead	206-1	492.93	491.12	493.87	492.64	0.28	ppb
Lead	207-1	492.04	492.29	493.63	492.65	0.17	ppb
Lead	208-1	505.67	506.60	507.58	506.62	0.19	ppb
Lithium	6-1						%
Magnesium	24-2	51930.21	51543.50	51361.81	51611.84	0.56	ppb
Manganese	55-2	1073.73	1074.87	1070.98	1073.19	0.19	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:19:03	DataFile Name :	140CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	515.76	512.51	516.73	515.00	0.43	ppb
Molybdenum	95-1	517.07	508.42	513.05	512.85	0.84	ppb
Molybdenum	96-1	509.10	500.50	505.23	504.94	0.85	ppb
Molybdenum	97-1	521.78	513.25	513.09	516.04	0.96	ppb
Molybdenum	98-1	523.82	520.46	522.10	522.13	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.14	557.02	551.54	554.23	0.49	ppb
Phosphorus	31-2	10416.19	10502.80	10480.61	10466.53	0.43	ppb
Potassium	39-2	25173.15	25040.47	24981.76	25065.13	0.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	514.76	487.35	497.91	500.00	2.77	ppb
Selenium	78-2	513.11	513.43	506.46	511.00	0.77	ppb
Selenium	82-1	520.37	519.47	521.66	520.50	0.21	ppb
Silicon	28-1	619.95	636.27	650.59	635.60	2.41	ppb
Silver	109-1	504.70	501.26	510.29	505.41	0.90	ppb
Silver	107-1	502.28	504.38	509.23	505.30	0.70	ppb
Sodium	23-2	54695.11	53808.72	53444.92	53982.92	1.19	ppb
Strontium	86-1	523.80	515.78	520.14	519.91	0.77	ppb
Strontium	88-1	532.17	526.32	530.89	529.79	0.58	ppb
Sulfur	34-1	9889.53	10412.38	10295.17	10199.03	2.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.23	521.79	516.40	516.81	0.93	ppb
Thallium	205-1	519.85	519.79	518.19	519.28	0.18	ppb
Tin	118-1	502.03	511.48	510.44	507.98	1.02	ppb
Titanium	47-1	511.97	517.23	516.94	515.38	0.57	ppb
Uranium	238-1	482.36	481.84	486.23	483.47	0.50	ppb
Vanadium	51-2	528.77	526.91	526.67	527.45	0.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1059.33	1058.50	1065.24	1061.02	0.35	ppb
Zirconium	90-1	510.18	508.75	506.81	508.58	0.33	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:19:03	DataFile Name :	140CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.06	497.87	499.07	498.33	0.13	ppb

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:22:28	DataFile Name :	141CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	0.30	0.50	0.66	70.92	ppb
Antimony	121-1	1.70	1.93	2.21	1.95	13.18	ppb
Arsenic	75-2	0.51	0.62	0.57	0.57	9.19	ppb
Barium	135-1	0.01	0.00	-0.04	-0.01		ppb
Barium	137-1	0.03	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.06	0.06	0.02	0.05	49.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.29	12.10	11.64	12.34	6.91	ppb
Boron	11-1	12.65	12.42	11.81	12.29	3.52	ppb
Cadmium	111-1	-0.06	-0.18	-0.13	-0.12		ppb
Cadmium	106-1	-1.00	-2.37	-1.79	-1.72		ppb
Cadmium	108-1	0.03	0.15	0.03	0.07	98.93	ppb
Calcium	43-1	2.09	3.29	2.86	2.75	22.18	ppb
Calcium	44-1	2.25	1.90	1.43	1.86	22.16	ppb
Chromium	52-2	0.14	0.15	0.15	0.15	3.81	ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	3.37	3.40	3.30	3.36	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.93	1.07	1.00	1.00	6.80	ppb
Iron	57-2	1.09	0.75	0.79	0.88	21.52	ppb
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	207-1	0.00	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.01	-0.02	-0.03	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	0.88	1.03	0.72	0.88	17.57	ppb
Manganese	55-2	0.03	0.04	0.02	0.03	43.35	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:22:28	DataFile Name :	141CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.24	0.35	0.27	28.85	ppb
Molybdenum	95-1	0.51	0.63	0.82	0.65	24.49	ppb
Molybdenum	96-1	0.39	0.50	0.66	0.52	26.40	ppb
Molybdenum	97-1	0.50	0.62	0.76	0.62	20.81	ppb
Molybdenum	98-1	0.49	0.64	0.75	0.63	20.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.13	-0.14	-0.14		ppb
Phosphorus	31-2	-11.34	-4.84	9.08	-2.37		ppb
Potassium	39-2	15.78	14.56	10.29	13.54	21.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.83	0.83	0.16	0.60	64.13	ppb
Selenium	78-2	0.20	0.10	0.60	0.30	87.62	ppb
Selenium	82-1	0.89	0.51	1.05	0.82	34.51	ppb
Silicon	28-1	0.84	0.29	-0.80	0.11	768.90	ppb
Silver	109-1	0.06	0.07	0.04	0.06	19.90	ppb
Silver	107-1	0.06	0.06	0.06	0.06	5.87	ppb
Sodium	23-2	35.15	33.09	33.92	34.05	3.05	ppb
Strontium	86-1	0.07	0.00	0.10	0.06	92.80	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	23.67	ppb
Sulfur	34-1	416.78	380.79	293.92	363.83	17.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	10.95	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	21.91	ppb
Tin	118-1	0.30	0.35	0.43	0.36	17.82	ppb
Titanium	47-1	-0.19	-0.15	-0.21	-0.18		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	30.58	ppb
Vanadium	51-2	0.02	0.02	0.04	0.03	36.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.18	0.11	0.11	0.13	29.18	ppb
Zirconium	90-1	0.10	0.10	0.11	0.10	7.88	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:22:28	DataFile Name :	141CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.07	0.09	0.09	26.55	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BL	Instrumnet Name :	P7
Client Sample ID :	PB98735BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:32:59	DataFile Name :	144CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.13	0.06	0.00		ppb
Antimony	121-1	0.03	0.05	0.07	0.05	42.61	ppb
Arsenic	75-2	0.05	0.05	0.05	0.05	7.88	ppb
Barium	135-1	-0.08	-0.07	-0.09	-0.08		ppb
Barium	137-1	-0.05	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	-0.02	0.01	-0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.24	2.31	2.47	2.34	4.99	ppb
Boron	11-1	2.80	2.64	2.51	2.65	5.50	ppb
Cadmium	111-1	-0.15	-0.12	-0.10	-0.13		ppb
Cadmium	106-1	-1.90	-1.54	-1.33	-1.59		ppb
Cadmium	108-1	0.04	-0.03	0.01	0.01	444.79	ppb
Calcium	43-1	-1.69	-0.41	-2.65	-1.58		ppb
Calcium	44-1	-5.34	-4.95	-5.35	-5.21		ppb
Chromium	52-2	0.00	-0.03	-0.04	-0.02		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	2.06	2.05	2.13	2.08	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.40	-0.09	-0.30	-0.26		ppb
Iron	57-2	-0.74	-1.22	-0.24	-0.74		ppb
Lead	206-1	-0.03	-0.03	-0.02	-0.03		ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.02		ppb
Lead	208-1	-0.03	-0.02	-0.02	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	0.34	0.51	0.47	0.44	20.47	ppb
Manganese	55-2	0.00	0.01	-0.02	0.00		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BL	Instrumnet Name :	P7
Client Sample ID :	PB98735BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:32:59	DataFile Name :	144CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.02	0.02	20.55	ppb
Molybdenum	95-1	0.04	0.05	0.09	0.06	40.68	ppb
Molybdenum	96-1	0.04	0.06	0.08	0.06	38.13	ppb
Molybdenum	97-1	0.03	0.03	0.07	0.04	47.43	ppb
Molybdenum	98-1	0.03	0.06	0.08	0.05	45.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.16	-0.15	-0.16		ppb
Phosphorus	31-2	-5.06	-11.42	-6.46	-7.65		ppb
Potassium	39-2	12.64	11.55	11.61	11.93	5.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.46	0.14	-0.18	0.14	227.29	ppb
Selenium	78-2	-1.23	-0.13	-0.86	-0.74		ppb
Selenium	82-1	0.73	0.10	-0.32	0.17	307.43	ppb
Silicon	28-1	-10.00	-9.84	-9.43	-9.75		ppb
Silver	109-1	0.02	0.02	0.02	0.02	11.84	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.49	ppb
Sodium	23-2	18.10	16.28	19.93	18.10	10.09	ppb
Strontium	86-1	-0.09	-0.05	-0.01	-0.05		ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	441.49	565.37	543.51	516.79	12.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.02	0.04	0.04	0.03	22.01	ppb
Titanium	47-1	-0.19	-0.21	-0.21	-0.20		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	59.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.07	-0.09	-0.13	-0.10		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BL	Instrumnet Name :	P7
Client Sample ID :	PB98735BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:32:59	DataFile Name :	144CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	-0.01	0.00	656.55	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BS	Instrumnet Name :	P7
Client Sample ID :	PB98735BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:36:29	DataFile Name :	145CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9884.26	9853.46	9884.12	9873.95	0.18	ppb
Antimony	121-1	511.25	508.17	497.68	505.70	1.41	ppb
Arsenic	75-2	507.59	509.73	509.38	508.90	0.23	ppb
Barium	135-1	2591.73	2571.90	2558.12	2573.92	0.66	ppb
Barium	137-1	2588.22	2578.07	2571.12	2579.14	0.33	ppb
Beryllium	9-1	514.11	513.43	518.20	515.25	0.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	441.83	452.47	453.96	449.42	1.47	ppb
Boron	11-1	440.01	448.16	450.58	446.25	1.24	ppb
Cadmium	111-1	499.83	498.29	498.87	499.00	0.16	ppb
Cadmium	106-1	505.00	498.64	494.37	499.34	1.07	ppb
Cadmium	108-1	503.14	500.35	494.62	499.37	0.87	ppb
Calcium	43-1	49961.43	50230.42	50303.81	50165.22	0.36	ppb
Calcium	44-1	50545.37	51113.86	50957.03	50872.09	0.58	ppb
Chromium	52-2	527.13	528.79	527.05	527.66	0.19	ppb
Cobalt	59-2	538.35	537.81	541.04	539.07	0.32	ppb
Copper	63-2	1022.29	1024.29	1020.51	1022.36	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28184.07	27763.69	27832.20	27926.65	0.81	ppb
Iron	57-2	27257.72	27320.24	27377.13	27318.36	0.22	ppb
Lead	206-1	488.79	482.58	487.46	486.28	0.67	ppb
Lead	207-1	486.91	485.18	484.45	485.51	0.26	ppb
Lead	208-1	502.78	499.67	498.20	500.22	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	51927.96	51615.47	51634.71	51726.05	0.34	ppb
Manganese	55-2	1067.86	1067.86	1071.77	1069.16	0.21	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BS	Instrumnet Name :	P7
Client Sample ID :	PB98735BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:36:29	DataFile Name :	145CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	510.11	510.86	511.56	510.84	0.14	ppb
Molybdenum	95-1	506.74	505.91	506.60	506.42	0.09	ppb
Molybdenum	96-1	500.91	497.06	499.94	499.30	0.40	ppb
Molybdenum	97-1	510.55	510.18	513.48	511.41	0.35	ppb
Molybdenum	98-1	517.54	518.43	518.72	518.23	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.31	541.74	543.32	543.12	0.24	ppb
Phosphorus	31-2	10469.68	10640.27	10661.09	10590.34	0.99	ppb
Potassium	39-2	25211.52	25001.06	25194.20	25135.59	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	498.34	514.98	520.31	511.21	2.24	ppb
Selenium	78-2	515.50	510.01	509.06	511.53	0.68	ppb
Selenium	82-1	515.03	515.08	515.61	515.24	0.06	ppb
Silicon	28-1	605.97	622.91	620.11	616.33	1.47	ppb
Silver	109-1	512.80	510.52	511.60	511.64	0.22	ppb
Silver	107-1	512.90	504.67	502.91	506.82	1.05	ppb
Sodium	23-2	54068.16	53788.43	54066.80	53974.46	0.30	ppb
Strontium	86-1	517.46	518.21	525.12	520.27	0.81	ppb
Strontium	88-1	524.14	527.08	532.21	527.81	0.77	ppb
Sulfur	34-1	10597.79	10486.56	10555.58	10546.64	0.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.59	512.01	510.58	511.73	0.20	ppb
Thallium	205-1	515.63	513.42	516.58	515.21	0.31	ppb
Tin	118-1	516.89	510.55	504.89	510.78	1.18	ppb
Titanium	47-1	511.10	515.04	514.88	513.67	0.43	ppb
Uranium	238-1	480.08	478.20	478.21	478.83	0.23	ppb
Vanadium	51-2	521.53	520.49	522.06	521.36	0.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1042.23	1048.31	1045.69	1045.41	0.29	ppb
Zirconium	90-1	510.12	509.11	507.00	508.74	0.31	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BS	Instrumnet Name :	P7
Client Sample ID :	PB98735BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:36:29	DataFile Name :	145CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.75	494.34	494.09	494.39	0.07	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01	Instrumnet Name :	P7
Client Sample ID :	S36-0106	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:39:54	DataFile Name :	146SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87.43	104.52	86.30	92.75	11.00	ppb
Antimony	121-1	4.26	4.63	5.21	4.70	10.20	ppb
Arsenic	75-2	48.02	48.00	48.86	48.29	1.02	ppb
Barium	135-1	29.66	28.99	28.72	29.12	1.65	ppb
Barium	137-1	29.64	29.34	29.22	29.40	0.74	ppb
Beryllium	9-1	0.09	0.07	0.05	0.07	30.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.07	50.27	50.37	49.90	1.44	ppb
Boron	11-1	49.50	48.98	51.10	49.86	2.22	ppb
Cadmium	111-1	-0.03	0.01	-0.07	-0.03		ppb
Cadmium	106-1	-2.54	-1.89	-2.09	-2.18		ppb
Cadmium	108-1	0.21	0.25	0.16	0.20	21.43	ppb
Calcium	43-1	118818.29	120245.22	118248.10	119103.87	0.86	ppb
Calcium	44-1	120996.88	122174.54	121257.25	121476.22	0.51	ppb
Chromium	52-2	1.07	1.05	1.13	1.08	3.78	ppb
Cobalt	59-2	0.36	0.38	0.38	0.37	2.59	ppb
Copper	63-2	17.35	17.21	16.98	17.18	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8390.28	8500.81	8484.99	8458.69	0.71	ppb
Iron	57-2	8199.80	8321.39	8295.09	8272.10	0.77	ppb
Lead	206-1	0.39	0.37	0.36	0.37	3.01	ppb
Lead	207-1	0.35	0.33	0.34	0.34	1.99	ppb
Lead	208-1	0.37	0.34	0.34	0.35	5.21	ppb
Lithium	6-1						%
Magnesium	24-2	37138.53	38410.70	37669.37	37739.54	1.69	ppb
Manganese	55-2	564.42	569.84	569.90	568.05	0.55	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01	Instrumnet Name :	P7
Client Sample ID :	S36-0106	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:39:54	DataFile Name :	146SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.56	0.56	0.69	0.60	12.47	ppb
Molybdenum	95-1	1.08	1.23	1.44	1.25	14.79	ppb
Molybdenum	96-1	0.96	1.14	1.23	1.11	12.40	ppb
Molybdenum	97-1	1.13	1.24	1.48	1.28	14.17	ppb
Molybdenum	98-1	1.07	1.22	1.49	1.26	16.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	1.08	0.94	0.97	10.80	ppb
Phosphorus	31-2	122.43	81.38	122.81	108.88	21.87	ppb
Potassium	39-2	5391.00	5454.60	5444.20	5429.93	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.34	2.69	2.32	2.45	8.40	ppb
Selenium	78-2	0.51	-0.52	0.48	0.16	373.84	ppb
Selenium	82-1	0.56	1.53	1.52	1.20	46.00	ppb
Silicon	28-1	7699.23	7722.34	7587.08	7669.55	0.94	ppb
Silver	109-1	0.56	0.51	0.46	0.51	10.00	ppb
Silver	107-1	0.60	0.52	0.44	0.52	15.57	ppb
Sodium	23-2	39316.69	39953.71	39792.52	39687.64	0.83	ppb
Strontium	86-1	697.29	695.82	703.74	698.95	0.60	ppb
Strontium	88-1	709.39	709.98	718.63	712.67	0.73	ppb
Sulfur	34-1	15262.17	15307.59	15024.41	15198.06	1.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.05	0.03	0.05	44.07	ppb
Thallium	205-1	0.10	0.06	0.05	0.07	41.60	ppb
Tin	118-1	1.51	1.55	1.56	1.54	1.64	ppb
Titanium	47-1	6.06	6.28	6.23	6.19	1.86	ppb
Uranium	238-1	1.19	1.21	1.20	1.20	0.61	ppb
Vanadium	51-2	0.74	0.71	0.67	0.71	4.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.30	7.24	6.96	7.17	2.53	ppb
Zirconium	90-1	0.28	0.29	0.32	0.30	7.18	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01	Instrumnet Name :	P7
Client Sample ID :	S36-0106	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:39:54	DataFile Name :	146SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.33	0.32	0.32	3.50	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:43:22	DataFile Name :	147SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105.93	98.39	99.93	101.42	3.93	ppb
Antimony	121-1	1.13	1.28	1.35	1.25	8.97	ppb
Arsenic	75-2	47.46	47.63	46.90	47.33	0.81	ppb
Barium	135-1	29.25	28.82	28.81	28.96	0.87	ppb
Barium	137-1	29.12	29.13	28.80	29.01	0.65	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	7.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.49	47.25	44.00	45.25	3.87	ppb
Boron	11-1	46.31	45.55	46.19	46.02	0.88	ppb
Cadmium	111-1	-0.13	-0.19	-0.18	-0.17		ppb
Cadmium	106-1	-2.01	-2.87	-2.74	-2.54		ppb
Cadmium	108-1	0.04	0.06	0.07	0.06	23.50	ppb
Calcium	43-1	117760.07	117540.30	116561.54	117287.30	0.54	ppb
Calcium	44-1	119308.66	118935.39	118937.65	119060.57	0.18	ppb
Chromium	52-2	1.13	1.14	1.18	1.15	2.43	ppb
Cobalt	59-2	0.42	0.39	0.42	0.41	4.73	ppb
Copper	63-2	14.89	14.67	15.02	14.86	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8453.63	8381.91	8411.35	8415.63	0.43	ppb
Iron	57-2	8190.63	8171.44	8216.86	8192.98	0.28	ppb
Lead	206-1	0.33	0.32	0.32	0.32	0.75	ppb
Lead	207-1	0.30	0.28	0.27	0.28	6.25	ppb
Lead	208-1	0.30	0.29	0.29	0.30	2.21	ppb
Lithium	6-1						%
Magnesium	24-2	37322.10	37299.06	37129.05	37250.07	0.28	ppb
Manganese	55-2	562.31	562.00	562.87	562.39	0.08	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:43:22	DataFile Name :	147SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.32	0.31	0.30	9.76	ppb
Molybdenum	95-1	0.53	0.62	0.70	0.61	14.11	ppb
Molybdenum	96-1	0.51	0.59	0.59	0.56	8.13	ppb
Molybdenum	97-1	0.60	0.63	0.67	0.63	5.47	ppb
Molybdenum	98-1	0.53	0.65	0.70	0.63	13.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.01	1.08	1.04	3.75	ppb
Phosphorus	31-2	113.53	99.58	103.28	105.46	6.85	ppb
Potassium	39-2	5359.65	5347.96	5339.78	5349.13	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.25	0.90	1.26	1.14	17.94	ppb
Selenium	78-2	-0.70	-0.27	0.20	-0.25		ppb
Selenium	82-1	0.29	1.31	1.46	1.02	62.47	ppb
Silicon	28-1	7503.85	7668.24	7505.30	7559.13	1.25	ppb
Silver	109-1	0.25	0.25	0.21	0.24	10.08	ppb
Silver	107-1	0.26	0.25	0.24	0.25	3.73	ppb
Sodium	23-2	39192.81	39082.49	38920.20	39065.17	0.35	ppb
Strontium	86-1	687.92	691.58	685.79	688.43	0.43	ppb
Strontium	88-1	703.12	711.68	703.43	706.08	0.69	ppb
Sulfur	34-1	15054.94	14955.42	14829.01	14946.46	0.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	1.16	1.21	1.19	1.19	2.25	ppb
Titanium	47-1	7.29	6.97	7.16	7.14	2.26	ppb
Uranium	238-1	1.18	1.16	1.19	1.18	0.88	ppb
Vanadium	51-2	0.80	0.74	0.76	0.77	4.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.53	7.32	7.33	7.39	1.61	ppb
Zirconium	90-1	0.16	0.25	0.17	0.20	25.48	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:43:22	DataFile Name :	147SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.18	0.20	0.19	5.76	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 19:46:52	DataFile Name :	148SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.90	20.26	17.72	17.96	12.20	ppb
Antimony	121-1	0.13	0.16	0.14	0.14	9.19	ppb
Arsenic	75-2	9.65	9.23	9.43	9.44	2.19	ppb
Barium	135-1	5.63	5.70	5.82	5.72	1.70	ppb
Barium	137-1	5.80	5.69	5.67	5.72	1.19	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	36.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.10	12.50	10.86	11.49	7.69	ppb
Boron	11-1	12.06	12.28	12.18	12.17	0.91	ppb
Cadmium	111-1	-0.23	-0.21	-0.22	-0.22		ppb
Cadmium	106-1	-2.91	-2.71	-2.74	-2.79		ppb
Cadmium	108-1	0.06	-0.04	0.04	0.02	312.92	ppb
Calcium	43-1	23215.09	22951.18	23313.72	23160.00	0.81	ppb
Calcium	44-1	23496.48	23660.62	23700.08	23619.06	0.46	ppb
Chromium	52-2	0.21	0.20	0.19	0.20	4.85	ppb
Cobalt	59-2	0.05	0.05	0.04	0.05	12.23	ppb
Copper	63-2	6.29	6.15	6.04	6.16	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1645.96	1608.20	1627.66	1627.27	1.16	ppb
Iron	57-2	1588.37	1636.21	1637.94	1620.84	1.74	ppb
Lead	206-1	-0.05	-0.03	-0.05	-0.04		ppb
Lead	207-1	-0.02	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.05	-0.04	-0.05	-0.05		ppb
Lithium	6-1						%
Magnesium	24-2	7424.08	7440.84	7422.01	7428.98	0.14	ppb
Manganese	55-2	110.60	111.27	112.20	111.36	0.72	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 19:46:52	DataFile Name :	148SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.06	0.08	0.06	41.41	ppb
Molybdenum	95-1	0.13	0.18	0.17	0.16	14.20	ppb
Molybdenum	96-1	0.13	0.15	0.21	0.16	25.68	ppb
Molybdenum	97-1	0.13	0.15	0.21	0.16	26.97	ppb
Molybdenum	98-1	0.14	0.18	0.17	0.16	10.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.22	0.22	0.21	7.36	ppb
Phosphorus	31-2	21.26	18.49	36.70	25.49	38.50	ppb
Potassium	39-2	1075.67	1075.28	1083.14	1078.03	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.83	0.82	0.82	0.82	0.30	ppb
Selenium	78-2	-0.80	-0.25	-0.64	-0.57		ppb
Selenium	82-1	0.34	0.23	-0.03	0.18	104.49	ppb
Silicon	28-1	1512.28	1494.48	1498.16	1501.64	0.63	ppb
Silver	109-1	0.10	0.10	0.09	0.09	8.44	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.42	ppb
Sodium	23-2	7834.31	7753.61	7761.20	7783.04	0.57	ppb
Strontium	86-1	136.86	134.93	136.06	135.95	0.71	ppb
Strontium	88-1	137.32	140.94	137.52	138.60	1.47	ppb
Sulfur	34-1	3143.33	3104.72	3145.24	3131.10	0.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.12	0.11	0.15	0.13	13.96	ppb
Titanium	47-1	0.97	1.09	1.71	1.26	31.61	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	0.80	ppb
Vanadium	51-2	0.19	0.19	0.15	0.18	14.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.36	1.33	1.09	1.26	11.75	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	15.38	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 19:46:52	DataFile Name :	148SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.04	0.02	76.39	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02	Instrumnet Name :	P7
Client Sample ID :	S36-0106MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:50:22	DataFile Name :	149SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9882.74	9980.20	9804.29	9889.07	0.89	ppb
Antimony	121-1	500.25	505.03	499.97	501.75	0.57	ppb
Arsenic	75-2	564.90	561.62	564.54	563.69	0.32	ppb
Barium	135-1	2613.46	2613.78	2607.59	2611.61	0.13	ppb
Barium	137-1	2621.42	2601.28	2592.13	2604.94	0.58	ppb
Beryllium	9-1	440.72	446.31	440.27	442.43	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	939.77	960.62	962.19	954.19	1.31	ppb
Boron	11-1	919.34	937.49	940.38	932.40	1.22	ppb
Cadmium	111-1	478.56	475.73	476.35	476.88	0.31	ppb
Cadmium	106-1	473.13	476.31	476.44	475.29	0.39	ppb
Cadmium	108-1	481.90	480.38	479.15	480.48	0.29	ppb
Calcium	43-1	173068.20	174416.81	174383.72	173956.25	0.44	ppb
Calcium	44-1	172373.03	173153.84	173788.11	173104.99	0.41	ppb
Chromium	52-2	555.74	557.80	553.68	555.74	0.37	ppb
Cobalt	59-2	567.70	567.97	563.56	566.41	0.44	ppb
Copper	63-2	1178.18	1184.94	1177.61	1180.24	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	37466.24	37321.94	36948.11	37245.43	0.72	ppb
Iron	57-2	36713.61	36705.95	36323.62	36581.06	0.61	ppb
Lead	206-1	562.73	530.44	562.11	551.76	3.35	ppb
Lead	207-1	484.00	482.55	487.36	484.64	0.51	ppb
Lead	208-1	531.01	520.51	533.25	528.26	1.29	ppb
Lithium	6-1						%
Magnesium	24-2	90479.68	91570.87	89559.27	90536.61	1.11	ppb
Manganese	55-2	1660.33	1654.34	1643.23	1652.63	0.52	ppb

Reviewed By:jaswal
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02	Instrumnet Name :	P7
Client Sample ID :	S36-0106MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:50:22	DataFile Name :	149SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	687.88	682.08	680.08	683.35	0.59	ppb
Molybdenum	95-1	1097.21	1080.70	1080.95	1086.29	0.87	ppb
Molybdenum	96-1	995.35	984.02	991.68	990.35	0.58	ppb
Molybdenum	97-1	1072.45	1070.04	1072.42	1071.64	0.13	ppb
Molybdenum	98-1	1086.77	1088.81	1081.31	1085.63	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	574.49	577.50	572.17	574.72	0.47	ppb
Phosphorus	31-2	127.73	92.44	121.36	113.84	16.52	ppb
Potassium	39-2	30577.37	30546.23	30386.02	30503.20	0.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	486.03	496.76	491.57	491.45	1.09	ppb
Selenium	78-2	509.07	494.99	485.85	496.64	2.35	ppb
Selenium	82-1	516.51	517.39	516.33	516.74	0.11	ppb
Silicon	28-1	8463.35	8526.28	8495.66	8495.10	0.37	ppb
Silver	109-1	231.69	230.58	231.55	231.27	0.26	ppb
Silver	107-1	232.62	232.06	232.45	232.38	0.12	ppb
Sodium	23-2	94168.75	94614.01	91769.62	93517.46	1.64	ppb
Strontium	86-1	1219.41	1212.92	1223.37	1218.57	0.43	ppb
Strontium	88-1	1247.54	1232.92	1246.76	1242.41	0.66	ppb
Sulfur	34-1	15002.66	15269.08	14971.34	15081.02	1.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.75	526.96	525.51	525.07	0.41	ppb
Thallium	205-1	528.13	530.42	527.29	528.61	0.31	ppb
Tin	118-1	985.04	1000.96	991.67	992.56	0.81	ppb
Titanium	47-1	1046.16	1052.65	1052.92	1050.57	0.36	ppb
Uranium	238-1	500.79	501.50	511.01	504.43	1.13	ppb
Vanadium	51-2	542.99	544.72	537.23	541.65	0.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1116.66	1126.08	1113.22	1118.65	0.59	ppb
Zirconium	90-1	510.00	511.67	507.97	509.88	0.36	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02	Instrumnet Name :	P7
Client Sample ID :	S36-0106MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:50:22	DataFile Name :	149SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.74	499.39	498.06	499.73	0.37	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:53:46	DataFile Name :	150SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9807.73	9821.66	9775.95	9801.78	0.24	ppb
Antimony	121-1	492.41	497.61	496.66	495.56	0.56	ppb
Arsenic	75-2	559.69	557.89	559.63	559.07	0.18	ppb
Barium	135-1	2587.13	2593.07	2586.08	2588.76	0.15	ppb
Barium	137-1	2558.91	2592.97	2573.99	2575.29	0.66	ppb
Beryllium	9-1	439.27	442.02	447.39	442.89	0.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	956.20	964.98	983.13	968.10	1.42	ppb
Boron	11-1	933.14	937.94	955.98	942.35	1.28	ppb
Cadmium	111-1	468.57	469.78	469.54	469.30	0.14	ppb
Cadmium	106-1	461.28	462.60	468.66	464.18	0.85	ppb
Cadmium	108-1	467.55	472.07	472.36	470.66	0.57	ppb
Calcium	43-1	168095.71	169539.77	169496.87	169044.12	0.49	ppb
Calcium	44-1	166760.58	168637.03	169487.09	168294.90	0.83	ppb
Chromium	52-2	554.02	551.71	550.22	551.98	0.35	ppb
Cobalt	59-2	562.66	564.15	560.63	562.48	0.31	ppb
Copper	63-2	1172.52	1168.34	1165.12	1168.66	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	37241.24	36943.67	36620.71	36935.21	0.84	ppb
Iron	57-2	36364.71	36394.89	36207.56	36322.39	0.28	ppb
Lead	206-1	556.37	565.04	560.97	560.80	0.77	ppb
Lead	207-1	483.65	487.99	487.98	486.54	0.51	ppb
Lead	208-1	527.43	532.84	534.21	531.49	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	90931.59	89636.26	89730.70	90099.52	0.80	ppb
Manganese	55-2	1637.82	1636.14	1630.51	1634.82	0.23	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:53:46	DataFile Name :	150SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	680.98	681.78	680.18	680.98	0.12	ppb
Molybdenum	95-1	1079.29	1088.15	1073.98	1080.47	0.66	ppb
Molybdenum	96-1	979.08	986.27	979.86	981.74	0.40	ppb
Molybdenum	97-1	1058.66	1072.72	1071.05	1067.48	0.72	ppb
Molybdenum	98-1	1073.76	1083.54	1075.57	1077.62	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	572.92	569.92	566.59	569.81	0.56	ppb
Phosphorus	31-2	113.32	121.65	107.25	114.07	6.34	ppb
Potassium	39-2	30310.30	30354.67	30042.04	30235.67	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	507.81	501.36	500.23	503.14	0.81	ppb
Selenium	78-2	503.07	491.84	497.61	497.51	1.13	ppb
Selenium	82-1	508.94	516.78	514.38	513.36	0.78	ppb
Silicon	28-1	8281.38	8319.03	8375.43	8325.28	0.57	ppb
Silver	109-1	227.73	228.07	229.66	228.49	0.45	ppb
Silver	107-1	226.76	228.63	228.97	228.12	0.52	ppb
Sodium	23-2	93330.75	92534.66	92328.41	92731.27	0.57	ppb
Strontium	86-1	1205.09	1208.03	1205.79	1206.30	0.13	ppb
Strontium	88-1	1221.49	1233.73	1224.80	1226.67	0.52	ppb
Sulfur	34-1	14561.27	14732.91	14882.33	14725.50	1.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.19	529.67	524.03	525.30	0.74	ppb
Thallium	205-1	526.94	529.57	522.38	526.29	0.69	ppb
Tin	118-1	976.86	976.20	984.37	979.14	0.46	ppb
Titanium	47-1	1040.90	1049.67	1050.42	1047.00	0.51	ppb
Uranium	238-1	502.19	502.22	507.02	503.81	0.55	ppb
Vanadium	51-2	541.74	538.68	533.68	538.03	0.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1113.67	1106.82	1105.00	1108.49	0.41	ppb
Zirconium	90-1	504.61	512.10	505.84	507.52	0.79	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:53:46	DataFile Name :	150SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.87	498.78	493.42	494.69	0.73	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0106A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:57:10	DataFile Name :	151SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9832.15	9939.23	9917.14	9896.17	0.57	ppb
Antimony	121-1	507.82	499.01	496.14	500.99	1.22	ppb
Arsenic	75-2	570.44	562.75	563.48	565.56	0.75	ppb
Barium	135-1	2630.13	2604.61	2614.09	2616.28	0.49	ppb
Barium	137-1	2603.81	2609.71	2596.33	2603.28	0.26	ppb
Beryllium	9-1	449.80	444.38	445.52	446.57	0.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	991.36	987.14	983.66	987.38	0.39	ppb
Boron	11-1	965.60	960.82	958.98	961.80	0.35	ppb
Cadmium	111-1	474.31	475.54	472.05	473.97	0.37	ppb
Cadmium	106-1	474.66	465.95	467.35	469.32	1.00	ppb
Cadmium	108-1	483.43	480.28	477.82	480.51	0.59	ppb
Calcium	43-1	172402.24	173116.22	171965.14	172494.54	0.34	ppb
Calcium	44-1	172001.39	171426.01	171425.16	171617.52	0.19	ppb
Chromium	52-2	557.30	560.94	558.42	558.89	0.33	ppb
Cobalt	59-2	567.72	571.75	570.19	569.89	0.36	ppb
Copper	63-2	1192.54	1195.22	1190.47	1192.74	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	37555.24	37726.92	37154.68	37478.95	0.78	ppb
Iron	57-2	36720.97	36871.92	36773.96	36788.95	0.21	ppb
Lead	206-1	567.77	574.65	531.58	558.00	4.15	ppb
Lead	207-1	485.74	494.77	488.63	489.71	0.94	ppb
Lead	208-1	536.14	540.81	526.86	534.60	1.33	ppb
Lithium	6-1						%
Magnesium	24-2	90747.50	91792.86	91805.99	91448.78	0.66	ppb
Manganese	55-2	1652.77	1671.41	1656.91	1660.36	0.59	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0106A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:57:10	DataFile Name :	151SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	678.25	691.07	683.02	684.11	0.95	ppb
Molybdenum	95-1	1070.89	1098.44	1083.28	1084.20	1.27	ppb
Molybdenum	96-1	989.90	994.15	994.07	992.71	0.24	ppb
Molybdenum	97-1	1066.55	1073.75	1065.41	1068.57	0.42	ppb
Molybdenum	98-1	1083.28	1081.04	1072.29	1078.87	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	580.43	579.98	579.17	579.86	0.11	ppb
Phosphorus	31-2	121.81	116.81	75.66	104.76	24.18	ppb
Potassium	39-2	30612.08	30551.81	30626.82	30596.90	0.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.81	500.44	492.37	501.54	1.95	ppb
Selenium	78-2	505.75	507.60	508.05	507.14	0.24	ppb
Selenium	82-1	517.11	520.52	515.35	517.66	0.51	ppb
Silicon	28-1	8410.40	8313.51	8357.47	8360.46	0.58	ppb
Silver	109-1	231.62	229.98	230.22	230.61	0.38	ppb
Silver	107-1	232.74	229.14	229.79	230.56	0.83	ppb
Sodium	23-2	93681.01	95081.41	94368.60	94377.01	0.74	ppb
Strontium	86-1	1214.18	1218.57	1218.33	1217.03	0.20	ppb
Strontium	88-1	1240.51	1250.48	1237.12	1242.70	0.56	ppb
Sulfur	34-1	14792.44	14704.25	14885.06	14793.92	0.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	529.00	534.05	526.26	529.77	0.75	ppb
Thallium	205-1	531.35	537.35	534.03	534.24	0.56	ppb
Tin	118-1	997.39	988.38	972.20	985.99	1.29	ppb
Titanium	47-1	1055.27	1055.35	1048.25	1052.95	0.39	ppb
Uranium	238-1	511.41	512.54	515.98	513.31	0.46	ppb
Vanadium	51-2	544.29	544.73	547.37	545.47	0.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1122.85	1130.38	1131.26	1128.16	0.41	ppb
Zirconium	90-1	507.29	515.74	508.72	510.58	0.89	ppb

Reviewed By:jaswal
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0106A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:57:10	DataFile Name :	151SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.52	502.42	499.31	498.75	0.80	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-05	Instrumnet Name :	P7
Client Sample ID :	S36-0112	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:00:34	DataFile Name :	152SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.62	8.64	10.11	9.12	9.38	ppb
Antimony	121-1	0.44	0.46	0.50	0.46	6.31	ppb
Arsenic	75-2	40.04	41.11	40.35	40.50	1.35	ppb
Barium	135-1	42.07	42.04	42.18	42.10	0.18	ppb
Barium	137-1	42.11	42.23	43.17	42.50	1.37	ppb
Beryllium	9-1	0.14	0.09	0.11	0.11	18.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	67.37	68.12	64.66	66.72	2.73	ppb
Boron	11-1	66.67	65.51	64.33	65.50	1.79	ppb
Cadmium	111-1	-0.14	-0.16	-0.06	-0.12		ppb
Cadmium	106-1	-2.77	-2.95	-1.61	-2.45		ppb
Cadmium	108-1	0.10	0.09	0.00	0.06	87.06	ppb
Calcium	43-1	53128.39	52168.55	52338.49	52545.14	0.97	ppb
Calcium	44-1	54262.12	53649.29	53693.06	53868.16	0.63	ppb
Chromium	52-2	6.64	6.47	6.58	6.56	1.32	ppb
Cobalt	59-2	0.12	0.14	0.15	0.14	9.36	ppb
Copper	63-2	21.01	21.33	20.83	21.06	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	358.65	357.68	354.78	357.04	0.56	ppb
Iron	57-2	367.75	363.65	366.52	365.97	0.58	ppb
Lead	206-1	0.80	0.80	0.80	0.80	0.24	ppb
Lead	207-1	0.70	0.74	0.70	0.71	3.25	ppb
Lead	208-1	0.76	0.76	0.74	0.75	1.24	ppb
Lithium	6-1						%
Magnesium	24-2	17362.25	17567.92	17489.71	17473.29	0.59	ppb
Manganese	55-2	221.03	220.86	221.43	221.11	0.13	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-05	Instrumnet Name :	P7
Client Sample ID :	S36-0112	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:00:34	DataFile Name :	152SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.44	0.47	0.51	0.47	6.88	ppb
Molybdenum	95-1	1.21	1.30	1.40	1.30	7.40	ppb
Molybdenum	96-1	1.03	1.09	1.20	1.11	7.73	ppb
Molybdenum	97-1	1.12	1.34	1.41	1.29	11.94	ppb
Molybdenum	98-1	1.19	1.30	1.37	1.28	6.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.33	4.10	4.26	4.23	2.74	ppb
Phosphorus	31-2	42.13	19.28	19.00	26.80	49.52	ppb
Potassium	39-2	5817.80	5776.91	5813.71	5802.81	0.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.18	2.37	3.07	3.20	28.47	ppb
Selenium	78-2	0.18	0.37	0.16	0.24	49.16	ppb
Selenium	82-1	0.96	1.18	1.90	1.35	36.33	ppb
Silicon	28-1	6525.50	6416.46	6472.84	6471.60	0.84	ppb
Silver	109-1	0.20	0.22	0.18	0.20	8.36	ppb
Silver	107-1	0.19	0.20	0.19	0.19	2.13	ppb
Sodium	23-2	46027.93	46330.48	45875.70	46078.04	0.50	ppb
Strontium	86-1	332.49	330.97	331.33	331.60	0.24	ppb
Strontium	88-1	340.92	342.64	338.58	340.71	0.60	ppb
Sulfur	34-1	7033.83	6693.20	6796.78	6841.27	2.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.13	0.12	0.13	6.28	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	4.03	ppb
Tin	118-1	3.93	3.75	3.76	3.81	2.58	ppb
Titanium	47-1	0.70	0.95	0.74	0.79	17.06	ppb
Uranium	238-1	1.26	1.19	1.22	1.23	2.86	ppb
Vanadium	51-2	0.51	0.53	0.52	0.52	2.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.88	9.66	9.47	9.67	2.13	ppb
Zirconium	90-1	0.09	0.11	0.14	0.11	20.97	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-05	Instrumnet Name :	P7
Client Sample ID :	S36-0112	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:00:34	DataFile Name :	152SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.14	0.16	0.13	20.72	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-06	Instrumnet Name :	P7
Client Sample ID :	S36-0113	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:04:04	DataFile Name :	153SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	116.35	115.79	117.03	116.39	0.53	ppb
Antimony	121-1	0.71	0.77	0.81	0.76	6.58	ppb
Arsenic	75-2	69.97	70.46	70.19	70.21	0.35	ppb
Barium	135-1	8.40	8.25	8.80	8.48	3.36	ppb
Barium	137-1	8.81	8.60	8.70	8.70	1.18	ppb
Beryllium	9-1	0.09	0.09	0.06	0.08	24.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	59.90	62.28	62.07	61.42	2.15	ppb
Boron	11-1	62.42	62.07	63.29	62.59	1.00	ppb
Cadmium	111-1	0.58	0.69	0.57	0.61	10.78	ppb
Cadmium	106-1	-2.13	-2.05	-2.66	-2.28		ppb
Cadmium	108-1	0.84	0.59	0.75	0.73	17.23	ppb
Calcium	43-1	54986.07	53907.68	53601.81	54165.19	1.34	ppb
Calcium	44-1	55858.08	54846.43	54811.52	55172.01	1.08	ppb
Chromium	52-2	1.18	1.13	1.13	1.15	2.43	ppb
Cobalt	59-2	0.21	0.20	0.19	0.20	4.55	ppb
Copper	63-2	15.35	15.32	15.76	15.47	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	982.02	984.71	987.75	984.83	0.29	ppb
Iron	57-2	992.37	978.28	981.11	983.92	0.76	ppb
Lead	206-1	0.71	0.72	0.71	0.71	1.18	ppb
Lead	207-1	0.66	0.69	0.64	0.67	4.13	ppb
Lead	208-1	0.67	0.69	0.67	0.68	1.42	ppb
Lithium	6-1						%
Magnesium	24-2	19737.11	19494.41	19602.33	19611.28	0.62	ppb
Manganese	55-2	830.26	825.08	830.25	828.53	0.36	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-06	Instrumnet Name :	P7
Client Sample ID :	S36-0113	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:04:04	DataFile Name :	153SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.23	0.26	0.22	18.05	ppb
Molybdenum	95-1	0.47	0.53	0.52	0.51	6.76	ppb
Molybdenum	96-1	0.43	0.45	0.50	0.46	7.88	ppb
Molybdenum	97-1	0.48	0.48	0.51	0.49	4.15	ppb
Molybdenum	98-1	0.45	0.53	0.59	0.52	12.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.84	1.83	1.86	2.00	ppb
Phosphorus	31-2	92.97	83.01	64.16	80.04	18.28	ppb
Potassium	39-2	3570.18	3560.17	3576.99	3569.11	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.91	1.65	2.01	1.52	36.85	ppb
Selenium	78-2	0.29	-0.35	-1.08	-0.38		ppb
Selenium	82-1	-0.06	2.14	1.29	1.12	99.00	ppb
Silicon	28-1	7250.53	7441.92	7285.07	7325.84	1.39	ppb
Silver	109-1	0.18	0.17	0.18	0.18	2.80	ppb
Silver	107-1	0.19	0.18	0.16	0.18	9.26	ppb
Sodium	23-2	33328.28	33291.26	33200.16	33273.24	0.20	ppb
Strontium	86-1	336.01	337.48	335.01	336.17	0.37	ppb
Strontium	88-1	344.88	350.77	347.94	347.87	0.85	ppb
Sulfur	34-1	2315.04	2302.87	2259.70	2292.54	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.03	14.96	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	15.79	ppb
Tin	118-1	2.37	2.45	2.42	2.41	1.61	ppb
Titanium	47-1	5.40	5.60	5.44	5.48	1.91	ppb
Uranium	238-1	0.13	0.13	0.12	0.13	3.26	ppb
Vanadium	51-2	0.90	0.85	0.88	0.88	2.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	57.88	57.58	58.57	58.01	0.87	ppb
Zirconium	90-1	0.12	0.08	0.10	0.10	20.84	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-06	Instrumnet Name :	P7
Client Sample ID :	S36-0113	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:04:04	DataFile Name :	153SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.14	0.14	0.12	31.31	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:07:34	DataFile Name :	154CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9722.38	11053.66	9812.85	10196.30	7.30	ppb
Antimony	121-1	504.21	487.56	489.17	493.65	1.86	ppb
Arsenic	75-2	510.93	581.48	508.96	533.79	7.74	ppb
Barium	135-1	2602.29	2559.52	2573.12	2578.31	0.85	ppb
Barium	137-1	2596.18	2541.94	2559.03	2565.72	1.08	ppb
Beryllium	9-1	526.05	519.42	518.88	521.45	0.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	457.59	460.32	462.31	460.07	0.52	ppb
Boron	11-1	455.73	454.60	459.39	456.57	0.55	ppb
Cadmium	111-1	502.21	495.78	493.44	497.14	0.91	ppb
Cadmium	106-1	499.09	500.13	489.05	496.09	1.23	ppb
Cadmium	108-1	497.11	488.35	493.22	492.89	0.89	ppb
Calcium	43-1	51097.84	50668.00	50217.59	50661.14	0.87	ppb
Calcium	44-1	51772.23	51275.66	50985.41	51344.44	0.77	ppb
Chromium	52-2	533.49	607.02	535.78	558.76	7.48	ppb
Cobalt	59-2	551.29	623.53	551.87	575.56	7.22	ppb
Copper	63-2	1048.81	1188.63	1054.37	1097.27	7.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28470.58	31884.30	28192.62	29515.83	6.97	ppb
Iron	57-2	27836.38	31402.96	27789.70	29009.68	7.15	ppb
Lead	206-1	499.05	494.22	487.76	493.68	1.15	ppb
Lead	207-1	495.25	493.96	490.86	493.36	0.46	ppb
Lead	208-1	511.16	508.45	504.32	507.98	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	51835.21	58699.16	52270.12	54268.16	7.08	ppb
Manganese	55-2	1073.49	1221.98	1077.56	1124.34	7.52	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:07:34	DataFile Name :	154CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	525.47	520.95	519.08	521.84	0.63	ppb
Molybdenum	95-1	515.93	519.80	515.53	517.08	0.46	ppb
Molybdenum	96-1	511.69	506.81	507.72	508.74	0.51	ppb
Molybdenum	97-1	522.46	521.52	518.29	520.76	0.42	ppb
Molybdenum	98-1	525.97	533.41	525.22	528.20	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.33	624.02	553.29	577.21	7.02	ppb
Phosphorus	31-2	10584.17	11943.17	10654.75	11060.70	6.92	ppb
Potassium	39-2	25120.04	28438.01	25186.34	26248.13	7.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	502.94	584.00	511.17	532.70	8.38	ppb
Selenium	78-2	506.39	582.83	505.59	531.60	8.35	ppb
Selenium	82-1	524.91	523.86	519.84	522.87	0.51	ppb
Silicon	28-1	624.27	629.81	640.71	631.60	1.32	ppb
Silver	109-1	512.40	504.01	506.07	507.49	0.86	ppb
Silver	107-1	513.93	503.31	502.45	506.56	1.26	ppb
Sodium	23-2	54244.48	61156.49	54592.73	56664.57	6.87	ppb
Strontium	86-1	524.50	521.89	524.71	523.70	0.30	ppb
Strontium	88-1	533.90	531.60	537.83	534.44	0.59	ppb
Sulfur	34-1	10355.84	10092.34	10080.07	10176.08	1.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	530.40	523.61	517.68	523.90	1.21	ppb
Thallium	205-1	528.90	521.56	520.31	523.59	0.89	ppb
Tin	118-1	520.62	510.07	502.72	511.14	1.76	ppb
Titanium	47-1	519.33	519.69	516.31	518.44	0.36	ppb
Uranium	238-1	497.32	484.06	488.64	490.01	1.37	ppb
Vanadium	51-2	530.08	601.45	530.05	553.86	7.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1060.48	1207.63	1068.50	1112.20	7.44	ppb
Zirconium	90-1	518.35	515.25	509.61	514.40	0.86	ppb

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:07:34	DataFile Name :	154CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.29	503.57	499.99	503.28	0.63	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:10:59	DataFile Name :	155CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.70	0.89	0.76	14.75	ppb
Antimony	121-1	1.57	1.92	2.25	1.91	17.73	ppb
Arsenic	75-2	0.49	0.58	0.58	0.55	9.50	ppb
Barium	135-1	0.01	-0.02	-0.03	-0.01		ppb
Barium	137-1	0.03	-0.01	0.00	0.01	233.71	ppb
Beryllium	9-1	0.08	0.09	0.05	0.07	26.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.96	14.06	14.12	14.71	7.34	ppb
Boron	11-1	15.72	14.66	14.23	14.87	5.15	ppb
Cadmium	111-1	-0.12	-0.15	-0.15	-0.14		ppb
Cadmium	106-1	-2.03	-2.08	-2.30	-2.14		ppb
Cadmium	108-1	0.05	0.09	0.00	0.05	97.92	ppb
Calcium	43-1	3.46	3.27	0.36	2.37	73.44	ppb
Calcium	44-1	0.59	0.04	-1.32	-0.23		ppb
Chromium	52-2	0.13	0.14	0.16	0.14	13.62	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	2.16	2.25	2.12	2.18	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.11	0.92	1.24	1.09	14.77	ppb
Iron	57-2	0.58	0.08	0.82	0.49	76.44	ppb
Lead	206-1	0.03	0.02	0.02	0.02	28.18	ppb
Lead	207-1	0.02	0.02	0.01	0.02	33.34	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.61	ppb
Lithium	6-1						%
Magnesium	24-2	1.16	1.15	0.53	0.95	38.00	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:10:59	DataFile Name :	155CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.26	0.32	0.26	21.67	ppb
Molybdenum	95-1	0.50	0.65	0.77	0.64	21.04	ppb
Molybdenum	96-1	0.42	0.53	0.71	0.55	26.63	ppb
Molybdenum	97-1	0.45	0.66	0.85	0.65	31.02	ppb
Molybdenum	98-1	0.47	0.62	0.78	0.62	24.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.15	-0.13	-0.15		ppb
Phosphorus	31-2	6.45	4.96	-0.26	3.72	94.87	ppb
Potassium	39-2	9.24	14.26	14.43	12.64	23.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.49	0.49	-0.18	0.27	144.26	ppb
Selenium	78-2	0.04	-0.25	0.63	0.14	328.68	ppb
Selenium	82-1	0.12	1.26	0.77	0.71	79.96	ppb
Silicon	28-1	2.35	0.16	0.20	0.90	138.56	ppb
Silver	109-1	0.06	0.05	0.05	0.05	6.07	ppb
Silver	107-1	0.06	0.07	0.05	0.06	10.05	ppb
Sodium	23-2	28.71	27.86	28.91	28.49	1.97	ppb
Strontium	86-1	0.03	0.05	0.08	0.05	45.39	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	7.56	ppb
Sulfur	34-1	339.95	179.48	287.49	268.98	30.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.04	0.03	2.33	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	14.05	ppb
Tin	118-1	0.31	0.36	0.43	0.37	16.43	ppb
Titanium	47-1	-0.20	-0.17	-0.19	-0.19		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.54	ppb
Vanadium	51-2	0.02	0.03	0.03	0.02	22.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	0.13	0.04	0.06	113.85	ppb
Zirconium	90-1	0.09	0.09	0.12	0.10	17.26	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:10:59	DataFile Name :	155CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.10	0.13	0.11	21.77	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-07	Instrumnet Name :	P7
Client Sample ID :	S36-0108	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:21:31	DataFile Name :	158SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.56	5.85	8.00	7.14	15.89	ppb
Antimony	121-1	0.92	1.05	1.12	1.03	9.82	ppb
Arsenic	75-2	21.51	21.00	20.95	21.16	1.46	ppb
Barium	135-1	17.15	16.87	17.16	17.06	0.95	ppb
Barium	137-1	17.31	17.12	16.93	17.12	1.10	ppb
Beryllium	9-1	0.06	0.01	0.04	0.04	59.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	39.82	36.67	37.59	38.03	4.26	ppb
Boron	11-1	37.90	38.28	38.29	38.15	0.58	ppb
Cadmium	111-1	-0.16	-0.04	-0.12	-0.11		ppb
Cadmium	106-1	-3.30	-1.58	-2.52	-2.47		ppb
Cadmium	108-1	0.09	0.21	0.04	0.11	74.44	ppb
Calcium	43-1	57868.58	58211.87	58130.76	58070.40	0.31	ppb
Calcium	44-1	58891.40	59137.76	59625.53	59218.23	0.63	ppb
Chromium	52-2	0.27	0.27	0.32	0.29	9.95	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	48.70	ppb
Copper	63-2	14.50	14.28	14.11	14.30	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.49	9.47	9.11	9.36	2.30	ppb
Iron	57-2	16.31	15.64	16.67	16.21	3.20	ppb
Lead	206-1	0.23	0.20	0.19	0.21	8.91	ppb
Lead	207-1	0.23	0.18	0.19	0.20	11.62	ppb
Lead	208-1	0.21	0.19	0.18	0.19	7.60	ppb
Lithium	6-1						%
Magnesium	24-2	19570.40	19665.50	19603.43	19613.11	0.25	ppb
Manganese	55-2	50.36	50.57	50.58	50.51	0.25	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-07	Instrumnet Name :	P7
Client Sample ID :	S36-0108	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:21:31	DataFile Name :	158SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.25	0.29	0.27	8.04	ppb
Molybdenum	95-1	0.71	0.72	0.70	0.71	1.17	ppb
Molybdenum	96-1	0.55	0.63	0.67	0.62	9.55	ppb
Molybdenum	97-1	0.74	0.75	0.77	0.75	1.73	ppb
Molybdenum	98-1	0.71	0.77	0.77	0.75	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.83	0.85	0.83	2.06	ppb
Phosphorus	31-2	7.42	13.34	4.80	8.52	51.40	ppb
Potassium	39-2	4457.68	4471.31	4474.39	4467.79	0.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.64	3.12	1.27	2.01	48.68	ppb
Selenium	78-2	-0.18	0.27	-0.84	-0.25		ppb
Selenium	82-1	0.28	1.16	0.84	0.76	58.55	ppb
Silicon	28-1	7067.20	7020.40	7097.40	7061.67	0.55	ppb
Silver	109-1	0.43	0.37	0.34	0.38	12.12	ppb
Silver	107-1	0.42	0.35	0.32	0.36	13.24	ppb
Sodium	23-2	51934.21	52151.09	52307.49	52130.93	0.36	ppb
Strontium	86-1	355.03	358.14	354.77	355.98	0.53	ppb
Strontium	88-1	362.29	367.63	366.88	365.60	0.79	ppb
Sulfur	34-1	11870.56	11851.10	12015.28	11912.31	0.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.00	0.01	72.01	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	66.90	ppb
Tin	118-1	1.79	1.80	1.82	1.80	1.00	ppb
Titanium	47-1	0.63	0.76	0.61	0.67	12.01	ppb
Uranium	238-1	1.13	1.14	1.13	1.13	0.76	ppb
Vanadium	51-2	0.66	0.65	0.68	0.66	1.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.22	5.11	5.19	5.17	1.08	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	9.58	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-07	Instrumnet Name :	P7
Client Sample ID :	S36-0108	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:21:31	DataFile Name :	158SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.11	0.10	11.26	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-08	Instrumnet Name :	P7
Client Sample ID :	S36-0109	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:25:00	DataFile Name :	159SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.05	8.45	9.05	9.52	14.31	ppb
Antimony	121-1	0.47	0.49	0.57	0.51	9.83	ppb
Arsenic	75-2	20.62	20.13	20.64	20.46	1.42	ppb
Barium	135-1	16.97	16.26	16.74	16.66	2.20	ppb
Barium	137-1	17.00	16.83	17.07	16.97	0.72	ppb
Beryllium	9-1	0.02	0.05	0.03	0.03	54.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	38.37	38.23	39.78	38.80	2.21	ppb
Boron	11-1	39.12	39.37	38.46	38.98	1.21	ppb
Cadmium	111-1	-0.17	-0.24	-0.23	-0.21		ppb
Cadmium	106-1	-2.21	-3.31	-3.24	-2.92		ppb
Cadmium	108-1	0.10	0.06	0.01	0.06	76.16	ppb
Calcium	43-1	56937.87	56562.08	56729.23	56743.06	0.33	ppb
Calcium	44-1	58264.45	58003.87	58189.87	58152.73	0.23	ppb
Chromium	52-2	0.53	0.54	0.53	0.53	1.52	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	29.15	ppb
Copper	63-2	13.24	13.04	13.32	13.20	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.25	11.98	12.26	12.17	1.31	ppb
Iron	57-2	17.24	19.11	20.40	18.92	8.40	ppb
Lead	206-1	0.04	0.05	0.03	0.04	30.07	ppb
Lead	207-1	0.05	0.07	0.06	0.06	12.95	ppb
Lead	208-1	0.05	0.06	0.05	0.05	7.24	ppb
Lithium	6-1						%
Magnesium	24-2	19516.25	19348.89	19418.27	19427.80	0.43	ppb
Manganese	55-2	49.48	49.48	50.05	49.67	0.66	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-08	Instrumnet Name :	P7
Client Sample ID :	S36-0109	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:25:00	DataFile Name :	159SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.30	0.31	0.30	6.02	ppb
Molybdenum	95-1	0.69	0.65	0.68	0.68	3.43	ppb
Molybdenum	96-1	0.59	0.61	0.63	0.61	3.44	ppb
Molybdenum	97-1	0.72	0.70	0.73	0.72	2.71	ppb
Molybdenum	98-1	0.69	0.72	0.76	0.72	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.53	0.52	0.53	1.16	ppb
Phosphorus	31-2	10.00	14.05	22.51	15.52	41.13	ppb
Potassium	39-2	4473.79	4458.65	4454.60	4462.34	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.47	4.12	2.67	3.76	25.43	ppb
Selenium	78-2	-0.82	-0.22	-0.53	-0.52		ppb
Selenium	82-1	0.16	1.43	0.44	0.68	98.54	ppb
Silicon	28-1	6907.97	6862.04	6893.87	6887.96	0.34	ppb
Silver	109-1	0.23	0.22	0.19	0.21	8.91	ppb
Silver	107-1	0.23	0.19	0.21	0.21	9.62	ppb
Sodium	23-2	51782.84	51645.55	51326.48	51584.96	0.45	ppb
Strontium	86-1	353.15	354.14	351.38	352.89	0.40	ppb
Strontium	88-1	359.55	365.67	364.40	363.20	0.89	ppb
Sulfur	34-1	11786.29	11534.04	11599.56	11639.96	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.33	1.39	1.39	1.37	2.40	ppb
Titanium	47-1	0.60	0.61	0.53	0.58	7.21	ppb
Uranium	238-1	1.13	1.14	1.15	1.14	0.87	ppb
Vanadium	51-2	0.72	0.72	0.74	0.72	1.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.70	6.35	6.19	6.41	4.04	ppb
Zirconium	90-1	0.10	0.13	0.12	0.11	14.72	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-08	Instrumnet Name :	P7
Client Sample ID :	S36-0109	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:25:00	DataFile Name :	159SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.12	0.09	0.12	24.90	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-09	Instrumnet Name :	P7
Client Sample ID :	S36-0118	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:28:30	DataFile Name :	160SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.53	35.91	40.52	36.99	8.48	ppb
Antimony	121-1	0.40	0.46	0.50	0.45	11.22	ppb
Arsenic	75-2	14.36	14.75	14.76	14.62	1.55	ppb
Barium	135-1	46.48	45.72	45.06	45.75	1.55	ppb
Barium	137-1	46.73	46.07	45.70	46.17	1.13	ppb
Beryllium	9-1	0.03	0.00	0.02	0.02	83.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.06	49.16	50.51	49.25	2.49	ppb
Boron	11-1	49.30	49.93	49.88	49.71	0.70	ppb
Cadmium	111-1	-0.24	-0.22	-0.23	-0.23		ppb
Cadmium	106-1	-3.20	-3.01	-3.10	-3.10		ppb
Cadmium	108-1	0.03	-0.02	0.06	0.02	153.01	ppb
Calcium	43-1	99876.57	98838.96	98956.18	99223.90	0.57	ppb
Calcium	44-1	102116.25	100808.93	101529.61	101484.93	0.65	ppb
Chromium	52-2	0.38	0.44	0.38	0.40	8.97	ppb
Cobalt	59-2	0.69	0.70	0.67	0.69	2.09	ppb
Copper	63-2	12.60	12.78	12.86	12.75	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	465.68	472.13	468.81	468.88	0.69	ppb
Iron	57-2	470.66	483.74	493.72	482.71	2.40	ppb
Lead	206-1	0.03	0.03	0.04	0.03	2.97	ppb
Lead	207-1	0.04	0.05	0.02	0.04	34.40	ppb
Lead	208-1	0.02	0.03	0.03	0.03	20.13	ppb
Lithium	6-1						%
Magnesium	24-2	33716.07	33901.73	33502.50	33706.77	0.59	ppb
Manganese	55-2	546.01	551.20	547.98	548.40	0.48	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-09	Instrumnet Name :	P7
Client Sample ID :	S36-0118	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:28:30	DataFile Name :	160SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.27	0.24	0.26	6.58	ppb
Molybdenum	95-1	0.68	0.71	0.72	0.70	2.97	ppb
Molybdenum	96-1	0.58	0.60	0.55	0.58	4.23	ppb
Molybdenum	97-1	0.63	0.73	0.69	0.68	6.90	ppb
Molybdenum	98-1	0.63	0.68	0.74	0.68	7.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.66	2.70	2.63	2.66	1.28	ppb
Phosphorus	31-2	33.51	35.77	35.20	34.83	3.38	ppb
Potassium	39-2	5477.94	5551.30	5525.00	5518.08	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.38	3.46	4.93	3.59	35.71	ppb
Selenium	78-2	-0.95	-0.48	-0.95	-0.79		ppb
Selenium	82-1	-0.24	0.54	1.61	0.64	145.79	ppb
Silicon	28-1	6908.30	6918.80	6863.51	6896.87	0.43	ppb
Silver	109-1	0.19	0.18	0.17	0.18	4.52	ppb
Silver	107-1	0.18	0.18	0.19	0.18	2.39	ppb
Sodium	23-2	37282.27	37660.09	37173.72	37372.03	0.68	ppb
Strontium	86-1	617.56	619.90	613.16	616.87	0.55	ppb
Strontium	88-1	632.51	637.25	631.48	633.74	0.49	ppb
Sulfur	34-1	9508.36	9268.22	9156.51	9311.03	1.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.28	1.25	1.32	1.28	2.83	ppb
Titanium	47-1	1.70	1.79	2.63	2.04	25.04	ppb
Uranium	238-1	3.01	2.95	3.02	2.99	1.15	ppb
Vanadium	51-2	0.74	0.77	0.68	0.73	6.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.80	7.67	7.50	7.66	2.00	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	9.63	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-09	Instrumnet Name :	P7
Client Sample ID :	S36-0118	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:28:30	DataFile Name :	160SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.15	0.07	0.10	44.64	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-10	Instrumnet Name :	P7
Client Sample ID :	S36-0117	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:32:00	DataFile Name :	161SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1552.44	1564.47	1553.90	1556.94	0.42	ppb
Antimony	121-1	0.69	0.77	0.79	0.75	7.56	ppb
Arsenic	75-2	5.98	5.66	5.88	5.84	2.79	ppb
Barium	135-1	63.76	63.29	63.16	63.40	0.49	ppb
Barium	137-1	64.76	62.71	63.70	63.72	1.61	ppb
Beryllium	9-1	0.11	0.09	0.12	0.11	10.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.31	9.73	9.97	10.00	2.90	ppb
Boron	11-1	10.73	9.79	9.85	10.12	5.17	ppb
Cadmium	111-1	0.10	0.13	0.14	0.13	16.56	ppb
Cadmium	106-1	-2.34	-1.96	-1.39	-1.90		ppb
Cadmium	108-1	0.62	0.67	0.43	0.57	21.48	ppb
Calcium	43-1	19087.52	19344.73	19212.38	19214.87	0.67	ppb
Calcium	44-1	19698.44	19910.53	19660.79	19756.59	0.68	ppb
Chromium	52-2	4.56	4.73	4.58	4.62	2.10	ppb
Cobalt	59-2	3.06	3.08	2.97	3.04	1.92	ppb
Copper	63-2	21.50	21.57	21.33	21.46	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2101.80	2134.77	2117.49	2118.02	0.78	ppb
Iron	57-2	2042.19	2064.58	2057.91	2054.89	0.56	ppb
Lead	206-1	7.26	7.35	7.35	7.32	0.69	ppb
Lead	207-1	6.69	6.57	6.59	6.62	1.00	ppb
Lead	208-1	7.02	7.01	7.00	7.01	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	683.92	694.70	686.87	688.50	0.81	ppb
Manganese	55-2	63.94	64.08	63.05	63.69	0.88	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-10	Instrumnet Name :	P7
Client Sample ID :	S36-0117	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:32:00	DataFile Name :	161SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.86	0.90	0.87	0.87	2.50	ppb
Molybdenum	95-1	1.81	1.87	1.83	1.84	1.67	ppb
Molybdenum	96-1	1.49	1.60	1.63	1.57	4.78	ppb
Molybdenum	97-1	1.77	1.87	1.78	1.81	3.09	ppb
Molybdenum	98-1	1.80	1.85	1.80	1.82	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.67	3.67	3.90	3.75	3.46	ppb
Phosphorus	31-2	3311.14	3499.33	3387.86	3399.44	2.78	ppb
Potassium	39-2	21705.25	22061.78	21629.63	21798.89	1.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.97	3.74	4.46	3.39	37.83	ppb
Selenium	78-2	-1.29	-0.77	-0.53	-0.86		ppb
Selenium	82-1	0.43	1.15	0.90	0.83	44.26	ppb
Silicon	28-1	2867.53	2901.99	2946.30	2905.27	1.36	ppb
Silver	109-1	0.20	0.20	0.19	0.19	1.49	ppb
Silver	107-1	0.18	0.19	0.17	0.18	4.47	ppb
Sodium	23-2	7211.91	7247.32	7234.64	7231.29	0.25	ppb
Strontium	86-1	156.80	158.57	157.82	157.73	0.56	ppb
Strontium	88-1	163.26	163.82	160.92	162.67	0.94	ppb
Sulfur	34-1	1496.17	1578.29	1397.12	1490.53	6.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.06	0.06	1.66	ppb
Thallium	205-1	0.06	0.07	0.07	0.06	10.18	ppb
Tin	118-1	1.24	1.27	1.29	1.27	1.83	ppb
Titanium	47-1	56.71	60.44	57.76	58.30	3.30	ppb
Uranium	238-1	0.72	0.72	0.73	0.72	0.42	ppb
Vanadium	51-2	9.59	9.71	9.68	9.66	0.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2035.07	2052.06	2034.72	2040.62	0.49	ppb
Zirconium	90-1	0.45	0.46	0.50	0.47	5.56	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-10	Instrumnet Name :	P7
Client Sample ID :	S36-0117	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:32:00	DataFile Name :	161SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.47	0.41	0.48	0.45	8.82	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-11	Instrumnet Name :	P7
Client Sample ID :	S36-0114	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:35:31	DataFile Name :	162SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	167.25	162.51	174.42	168.06	3.57	ppb
Antimony	121-1	0.42	0.42	0.48	0.44	8.30	ppb
Arsenic	75-2	29.29	29.62	29.49	29.47	0.57	ppb
Barium	135-1	35.42	35.08	35.96	35.49	1.25	ppb
Barium	137-1	36.34	35.70	35.76	35.93	0.98	ppb
Beryllium	9-1	0.04	0.06	0.03	0.04	40.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	68.64	66.26	65.72	66.87	2.32	ppb
Boron	11-1	68.24	67.39	67.93	67.85	0.64	ppb
Cadmium	111-1	-0.28	-0.22	-0.18	-0.23		ppb
Cadmium	106-1	-3.48	-2.83	-2.34	-2.88		ppb
Cadmium	108-1	0.09	0.00	0.01	0.03	139.70	ppb
Calcium	43-1	85757.06	86593.90	85619.53	85990.16	0.61	ppb
Calcium	44-1	88027.55	87626.90	87078.72	87577.72	0.54	ppb
Chromium	52-2	1.54	1.45	1.62	1.54	5.44	ppb
Cobalt	59-2	0.36	0.35	0.34	0.35	2.63	ppb
Copper	63-2	12.43	12.33	12.33	12.36	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1279.64	1261.93	1276.51	1272.69	0.74	ppb
Iron	57-2	1296.64	1283.14	1309.22	1296.33	1.01	ppb
Lead	206-1	0.12	0.12	0.10	0.11	9.14	ppb
Lead	207-1	0.11	0.13	0.10	0.11	14.00	ppb
Lead	208-1	0.10	0.11	0.11	0.11	2.39	ppb
Lithium	6-1						%
Magnesium	24-2	36807.54	35471.83	35763.16	36014.18	1.95	ppb
Manganese	55-2	647.87	631.80	641.67	640.45	1.26	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-11	Instrumnet Name :	P7
Client Sample ID :	S36-0114	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:35:31	DataFile Name :	162SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.36	0.34	0.36	6.75	ppb
Molybdenum	95-1	0.74	0.75	0.75	0.75	0.40	ppb
Molybdenum	96-1	0.65	0.62	0.69	0.65	5.69	ppb
Molybdenum	97-1	0.73	0.74	0.71	0.73	2.38	ppb
Molybdenum	98-1	0.75	0.76	0.75	0.75	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.45	1.35	1.45	6.85	ppb
Phosphorus	31-2	58.79	75.55	56.39	63.57	16.42	ppb
Potassium	39-2	6539.99	6410.73	6491.89	6480.87	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.97	4.17	0.18	3.44	86.01	ppb
Selenium	78-2	-0.31	-0.42	-0.54	-0.43		ppb
Selenium	82-1	0.86	1.24	-0.50	0.53	172.15	ppb
Silicon	28-1	7145.24	7151.64	7148.26	7148.38	0.04	ppb
Silver	109-1	0.14	0.14	0.14	0.14	1.16	ppb
Silver	107-1	0.15	0.15	0.13	0.14	8.58	ppb
Sodium	23-2	36901.46	36190.16	36503.91	36531.84	0.98	ppb
Strontium	86-1	638.66	640.87	640.05	639.86	0.18	ppb
Strontium	88-1	652.37	661.58	652.79	655.58	0.79	ppb
Sulfur	34-1	6417.15	6375.29	6246.97	6346.47	1.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.96	1.00	1.03	1.00	3.92	ppb
Titanium	47-1	9.48	8.89	9.23	9.20	3.21	ppb
Uranium	238-1	6.11	6.16	6.18	6.15	0.62	ppb
Vanadium	51-2	0.97	0.92	1.05	0.98	6.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.82	8.06	8.85	8.58	5.21	ppb
Zirconium	90-1	0.18	0.18	0.18	0.18	0.54	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-11	Instrumnet Name :	P7
Client Sample ID :	S36-0114	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:35:31	DataFile Name :	162SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.22	0.21	0.21	8.84	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-12	Instrumnet Name :	P7
Client Sample ID :	S36-0115	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:39:01	DataFile Name :	163SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	665.91	670.93	688.62	675.15	1.77	ppb
Antimony	121-1	0.65	0.71	0.71	0.69	5.00	ppb
Arsenic	75-2	31.51	31.67	30.76	31.31	1.55	ppb
Barium	135-1	20.38	20.18	20.58	20.38	0.99	ppb
Barium	137-1	20.13	20.07	20.53	20.24	1.25	ppb
Beryllium	9-1	0.06	0.02	0.04	0.04	58.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.72	45.53	46.79	45.68	2.29	ppb
Boron	11-1	46.62	46.54	47.31	46.82	0.91	ppb
Cadmium	111-1	-0.12	-0.28	-0.22	-0.21		ppb
Cadmium	106-1	-1.69	-3.86	-3.02	-2.86		ppb
Cadmium	108-1	0.06	0.09	0.03	0.06	48.46	ppb
Calcium	43-1	47190.24	47160.89	47067.01	47139.38	0.14	ppb
Calcium	44-1	47849.56	48038.14	48152.92	48013.54	0.32	ppb
Chromium	52-2	2.38	2.36	2.44	2.39	1.70	ppb
Cobalt	59-2	0.62	0.59	0.61	0.61	2.11	ppb
Copper	63-2	18.07	17.68	18.05	17.93	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	980.35	980.18	977.37	979.30	0.17	ppb
Iron	57-2	988.49	987.32	971.15	982.32	0.99	ppb
Lead	206-1	1.18	1.20	1.16	1.18	1.65	ppb
Lead	207-1	1.08	1.07	1.07	1.07	0.34	ppb
Lead	208-1	1.12	1.13	1.11	1.12	0.93	ppb
Lithium	6-1						%
Magnesium	24-2	10676.32	10565.39	10626.35	10622.69	0.52	ppb
Manganese	55-2	80.38	80.22	80.50	80.36	0.17	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-12	Instrumnet Name :	P7
Client Sample ID :	S36-0115	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:39:01	DataFile Name :	163SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.95	0.95	0.92	0.94	1.70	ppb
Molybdenum	95-1	2.58	2.53	2.62	2.58	1.71	ppb
Molybdenum	96-1	2.17	2.17	2.10	2.15	1.71	ppb
Molybdenum	97-1	2.56	2.58	2.55	2.56	0.49	ppb
Molybdenum	98-1	2.55	2.62	2.48	2.55	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.75	1.76	1.72	1.74	1.00	ppb
Phosphorus	31-2	161.72	129.58	151.41	147.57	11.12	ppb
Potassium	39-2	20563.37	20326.90	20489.86	20460.05	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.28	0.19	3.46	1.64	101.40	ppb
Selenium	78-2	0.32	-1.01	0.01	-0.23		ppb
Selenium	82-1	0.67	1.17	0.48	0.77	45.98	ppb
Silicon	28-1	6114.99	6196.05	6145.87	6152.30	0.66	ppb
Silver	109-1	0.14	0.14	0.16	0.14	9.37	ppb
Silver	107-1	0.15	0.14	0.15	0.15	4.85	ppb
Sodium	23-2	51674.16	50972.88	51787.17	51478.07	0.86	ppb
Strontium	86-1	319.15	319.57	319.73	319.49	0.09	ppb
Strontium	88-1	326.44	330.68	328.49	328.53	0.65	ppb
Sulfur	34-1	5106.84	4887.11	4851.69	4948.55	2.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	1.04	0.99	1.10	1.05	5.11	ppb
Titanium	47-1	29.04	30.53	31.70	30.42	4.39	ppb
Uranium	238-1	0.46	0.47	0.46	0.46	0.73	ppb
Vanadium	51-2	2.07	2.11	2.13	2.10	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	120.88	118.83	119.99	119.90	0.86	ppb
Zirconium	90-1	0.25	0.28	0.25	0.26	7.61	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-12	Instrumnet Name :	P7
Client Sample ID :	S36-0115	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:39:01	DataFile Name :	163SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.33	0.33	0.29	24.20	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-13	Instrumnet Name :	P7
Client Sample ID :	S36-0116	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:42:30	DataFile Name :	164SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	551.28	527.67	521.40	533.45	2.95	ppb
Antimony	121-1	0.51	0.52	0.55	0.53	3.44	ppb
Arsenic	75-2	31.54	30.55	31.04	31.04	1.60	ppb
Barium	135-1	19.21	19.60	19.22	19.35	1.15	ppb
Barium	137-1	19.58	19.33	19.55	19.49	0.72	ppb
Beryllium	9-1	0.03	0.04	0.07	0.05	49.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.21	43.77	44.74	44.91	2.73	ppb
Boron	11-1	45.35	44.11	45.65	45.04	1.81	ppb
Cadmium	111-1	-0.20	-0.24	-0.24	-0.23		ppb
Cadmium	106-1	-2.60	-3.18	-3.26	-3.01		ppb
Cadmium	108-1	0.10	0.10	0.09	0.10	8.62	ppb
Calcium	43-1	46527.07	46725.52	46405.30	46552.63	0.35	ppb
Calcium	44-1	47243.93	47249.22	47537.84	47343.66	0.36	ppb
Chromium	52-2	2.00	1.91	1.99	1.97	2.55	ppb
Cobalt	59-2	0.47	0.50	0.57	0.52	10.07	ppb
Copper	63-2	16.87	16.81	16.64	16.78	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	710.76	703.12	707.56	707.14	0.54	ppb
Iron	57-2	726.35	718.97	708.83	718.05	1.22	ppb
Lead	206-1	1.02	1.03	1.00	1.02	1.26	ppb
Lead	207-1	0.94	0.95	0.93	0.94	1.42	ppb
Lead	208-1	0.98	0.98	0.96	0.98	1.12	ppb
Lithium	6-1						%
Magnesium	24-2	10349.48	10320.07	10312.13	10327.23	0.19	ppb
Manganese	55-2	75.11	75.28	75.71	75.37	0.41	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-13	Instrumnet Name :	P7
Client Sample ID :	S36-0116	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:42:30	DataFile Name :	164SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.93	0.99	0.96	3.24	ppb
Molybdenum	95-1	2.50	2.42	2.48	2.47	1.57	ppb
Molybdenum	96-1	2.15	2.11	2.23	2.16	2.84	ppb
Molybdenum	97-1	2.58	2.49	2.65	2.57	3.06	ppb
Molybdenum	98-1	2.53	2.56	2.52	2.54	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.60	1.52	1.56	2.64	ppb
Phosphorus	31-2	138.65	134.67	143.23	138.85	3.08	ppb
Potassium	39-2	20373.40	20278.67	20054.56	20235.54	0.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.39	2.34	2.70	2.48	7.89	ppb
Selenium	78-2	-1.00	-1.22	-1.10	-1.11		ppb
Selenium	82-1	1.68	-0.11	0.23	0.60	158.15	ppb
Silicon	28-1	5815.72	5809.77	5760.88	5795.45	0.52	ppb
Silver	109-1	0.12	0.13	0.13	0.13	7.76	ppb
Silver	107-1	0.12	0.13	0.13	0.13	3.92	ppb
Sodium	23-2	51361.83	51484.25	50701.78	51182.62	0.82	ppb
Strontium	86-1	319.57	315.83	319.43	318.28	0.67	ppb
Strontium	88-1	323.76	321.02	329.85	324.88	1.39	ppb
Sulfur	34-1	4663.39	4761.04	4619.26	4681.23	1.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.89	0.91	0.91	0.90	1.19	ppb
Titanium	47-1	19.07	22.45	21.07	20.86	8.13	ppb
Uranium	238-1	0.45	0.45	0.46	0.45	0.96	ppb
Vanadium	51-2	1.83	1.62	1.75	1.73	6.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	118.52	118.66	120.33	119.17	0.85	ppb
Zirconium	90-1	0.24	0.23	0.24	0.24	3.66	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-13	Instrumnet Name :	P7
Client Sample ID :	S36-0116	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:42:30	DataFile Name :	164SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.21	0.24	0.22	7.03	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:46:01	DataFile Name :	165SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.54	5.38	4.02	4.64	14.82	ppb
Antimony	121-1	-0.05	-0.05	-0.04	-0.05		ppb
Arsenic	75-2	2.35	2.41	2.42	2.40	1.53	ppb
Barium	135-1	1.52	1.41	1.40	1.44	4.51	ppb
Barium	137-1	1.44	1.39	1.44	1.42	2.22	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	212.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.24	3.62	4.19	4.02	8.48	ppb
Boron	11-1	4.33	4.43	4.40	4.39	1.13	ppb
Cadmium	111-1	-0.15	-0.19	-0.14	-0.16		ppb
Cadmium	106-1	-1.83	-2.40	-1.75	-1.99		ppb
Cadmium	108-1	0.01	0.01	0.04	0.02	77.00	ppb
Calcium	43-1	5856.99	5887.75	5901.28	5882.00	0.39	ppb
Calcium	44-1	5989.07	5970.50	5958.20	5972.59	0.26	ppb
Chromium	52-2	0.04	0.05	0.05	0.05	14.41	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	3.03	3.15	3.03	3.07	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	407.18	407.13	407.58	407.30	0.06	ppb
Iron	57-2	411.18	404.41	416.19	410.59	1.44	ppb
Lead	206-1	-0.07	-0.08	-0.08	-0.08		ppb
Lead	207-1	-0.07	-0.08	-0.07	-0.07		ppb
Lead	208-1	-0.08	-0.08	-0.08	-0.08		ppb
Lithium	6-1						%
Magnesium	24-2	1884.90	1902.55	1880.13	1889.19	0.62	ppb
Manganese	55-2	28.30	28.32	28.09	28.24	0.45	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:46:01	DataFile Name :	165SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	9.78	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	14.57	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	34.29	ppb
Molybdenum	97-1	0.01	0.04	0.05	0.03	64.22	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	32.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.10	-0.07	-0.09		ppb
Phosphorus	31-2	0.09	-1.09	8.03	2.34	211.57	ppb
Potassium	39-2	276.45	281.37	284.33	280.71	1.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.15	0.49	0.15	0.26	72.88	ppb
Selenium	78-2	-0.33	-0.70	-1.09	-0.71		ppb
Selenium	82-1	0.94	1.20	0.19	0.78	67.11	ppb
Silicon	28-1	493.33	491.55	489.65	491.51	0.37	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.07	ppb
Silver	107-1	0.03	0.04	0.04	0.03	8.62	ppb
Sodium	23-2	1961.85	1969.22	1954.01	1961.69	0.39	ppb
Strontium	86-1	34.21	34.05	34.49	34.25	0.65	ppb
Strontium	88-1	34.58	34.64	34.70	34.64	0.17	ppb
Sulfur	34-1	838.59	857.95	930.73	875.75	5.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.02	0.01	0.02	0.02	20.86	ppb
Titanium	47-1	0.09	0.05	0.15	0.10	52.83	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	4.27	ppb
Vanadium	51-2	0.06	0.08	0.09	0.08	23.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.33	0.32	0.30	0.32	5.51	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:46:01	DataFile Name :	165SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	-0.02	-0.02		ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:49:31	DataFile Name :	166SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.85	6.46	6.29	5.87	15.09	ppb
Antimony	121-1	-0.05	-0.05	-0.04	-0.05		ppb
Arsenic	75-2	2.25	2.37	2.29	2.30	2.63	ppb
Barium	135-1	1.36	1.46	1.32	1.38	5.08	ppb
Barium	137-1	1.39	1.45	1.40	1.41	2.58	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.35	2.77	3.73	3.28	14.75	ppb
Boron	11-1	3.60	3.70	3.56	3.62	2.10	ppb
Cadmium	111-1	-0.15	-0.16	-0.10	-0.14		ppb
Cadmium	106-1	-1.87	-2.05	-1.19	-1.71		ppb
Cadmium	108-1	0.03	0.00	0.01	0.01	110.80	ppb
Calcium	43-1	5884.56	5904.02	5847.76	5878.78	0.49	ppb
Calcium	44-1	5957.88	5961.42	5941.77	5953.69	0.18	ppb
Chromium	52-2	5.95	5.93	5.93	5.94	0.17	ppb
Cobalt	59-2	0.06	0.05	0.06	0.06	6.63	ppb
Copper	63-2	2.85	2.73	2.77	2.78	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	423.33	425.64	425.79	424.92	0.33	ppb
Iron	57-2	426.42	426.79	432.78	428.66	0.83	ppb
Lead	206-1	-0.07	-0.07	-0.07	-0.07		ppb
Lead	207-1	-0.05	-0.07	-0.05	-0.06		ppb
Lead	208-1	-0.06	-0.07	-0.07	-0.07		ppb
Lithium	6-1						%
Magnesium	24-2	1840.79	1868.75	1857.26	1855.60	0.76	ppb
Manganese	55-2	28.47	28.67	28.29	28.48	0.67	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:49:31	DataFile Name :	166SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.04	0.03	22.09	ppb
Molybdenum	95-1	0.09	0.09	0.10	0.09	6.02	ppb
Molybdenum	96-1	0.09	0.07	0.08	0.08	7.73	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.08	7.96	ppb
Molybdenum	98-1	0.09	0.10	0.09	0.09	6.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.55	3.38	3.48	3.47	2.48	ppb
Phosphorus	31-2	5.43	-0.44	0.66	1.88	165.63	ppb
Potassium	39-2	274.08	268.10	275.81	272.66	1.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.14	-0.18	0.15	0.04	490.09	ppb
Selenium	78-2	-0.84	-1.02	-0.41	-0.75		ppb
Selenium	82-1	-0.24	0.19	0.88	0.28	203.20	ppb
Silicon	28-1	494.55	495.54	495.52	495.20	0.11	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.23	ppb
Silver	107-1	0.04	0.05	0.03	0.04	22.33	ppb
Sodium	23-2	1926.14	1923.74	1937.11	1929.00	0.37	ppb
Strontium	86-1	34.19	33.54	33.93	33.89	0.97	ppb
Strontium	88-1	34.62	34.58	34.14	34.45	0.78	ppb
Sulfur	34-1	1036.12	1078.18	1174.34	1096.21	6.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.03	0.03	0.04	0.03	20.74	ppb
Titanium	47-1	0.16	0.18	0.17	0.17	4.98	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	4.25	ppb
Vanadium	51-2	0.08	0.07	0.07	0.08	11.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.48	0.42	0.40	20.81	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:49:31	DataFile Name :	166SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.00	-0.01		ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S36-0106LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 20:53:02	DataFile Name :	167SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	1.82	0.94	1.17	49.04	ppb
Antimony	121-1	-0.07	-0.07	-0.08	-0.08		ppb
Arsenic	75-2	0.51	0.46	0.48	0.49	5.46	ppb
Barium	135-1	0.17	0.21	0.17	0.18	14.43	ppb
Barium	137-1	0.20	0.22	0.24	0.22	8.81	ppb
Beryllium	9-1	0.01	0.00	-0.03	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.35	1.58	0.97	1.30	23.80	ppb
Boron	11-1	1.37	1.69	1.54	1.53	10.51	ppb
Cadmium	111-1	-0.15	-0.14	-0.18	-0.16		ppb
Cadmium	106-1	-1.83	-1.75	-2.27	-1.95		ppb
Cadmium	108-1	0.03	-0.02	0.00	0.00	535.10	ppb
Calcium	43-1	1142.67	1143.05	1115.22	1133.65	1.41	ppb
Calcium	44-1	1134.37	1150.40	1154.13	1146.30	0.92	ppb
Chromium	52-2	0.00	0.01	0.01	0.00	52.28	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	1.90	1.96	1.89	1.92	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	76.40	77.58	76.58	76.85	0.82	ppb
Iron	57-2	76.84	77.31	75.59	76.58	1.16	ppb
Lead	206-1	-0.05	-0.04	-0.05	-0.05		ppb
Lead	207-1	-0.04	-0.05	-0.04	-0.04		ppb
Lead	208-1	-0.06	-0.06	-0.05	-0.06		ppb
Lithium	6-1						%
Magnesium	24-2	356.61	367.39	363.00	362.33	1.50	ppb
Manganese	55-2	5.36	5.43	5.39	5.39	0.63	ppb

Reviewed By:jaswal
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S36-0106LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 20:53:02	DataFile Name :	167SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.00	278.49	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	225.83	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	172.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.14	-0.14	-0.14		ppb
Phosphorus	31-2	-5.59	4.58	11.85	3.61	242.47	ppb
Potassium	39-2	58.35	66.11	62.46	62.31	6.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	-0.18	-0.18	-0.18		ppb
Selenium	78-2	-0.31	-0.53	-0.04	-0.30		ppb
Selenium	82-1	0.71	0.36	1.04	0.71	48.21	ppb
Silicon	28-1	86.70	88.05	86.63	87.13	0.91	ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.58	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.21	ppb
Sodium	23-2	380.21	384.63	384.73	383.19	0.67	ppb
Strontium	86-1	6.84	6.61	6.53	6.66	2.40	ppb
Strontium	88-1	6.67	6.65	6.63	6.65	0.28	ppb
Sulfur	34-1	637.76	808.53	768.75	738.35	12.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	0.01	0.03	0.01	100.72	ppb
Titanium	47-1	-0.12	-0.12	-0.09	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	27.11	ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	35.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	0.05	0.08	0.02	345.40	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S36-0106LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 20:53:02	DataFile Name :	167SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:56:33	DataFile Name :	168CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9840.14	9899.77	9834.64	9858.18	0.37	ppb
Antimony	121-1	508.13	503.74	502.94	504.94	0.55	ppb
Arsenic	75-2	509.84	511.11	507.19	509.38	0.39	ppb
Barium	135-1	2605.99	2606.91	2597.13	2603.34	0.21	ppb
Barium	137-1	2561.20	2620.46	2582.28	2587.98	1.16	ppb
Beryllium	9-1	510.73	508.39	514.61	511.24	0.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	442.46	442.38	449.92	444.92	0.97	ppb
Boron	11-1	437.45	440.90	447.95	442.10	1.21	ppb
Cadmium	111-1	501.78	501.69	498.45	500.64	0.38	ppb
Cadmium	106-1	508.00	510.07	509.12	509.07	0.20	ppb
Cadmium	108-1	496.34	508.14	505.47	503.32	1.23	ppb
Calcium	43-1	50391.16	50591.84	50704.47	50562.49	0.31	ppb
Calcium	44-1	51166.42	51337.82	51386.83	51297.02	0.23	ppb
Chromium	52-2	525.71	529.71	527.10	527.50	0.39	ppb
Cobalt	59-2	541.25	543.63	539.00	541.29	0.43	ppb
Copper	63-2	1026.68	1034.30	1029.86	1030.28	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28035.12	28340.99	27829.95	28068.69	0.92	ppb
Iron	57-2	27437.47	27742.58	27361.40	27513.82	0.73	ppb
Lead	206-1	486.89	486.64	487.58	487.04	0.10	ppb
Lead	207-1	484.28	486.48	485.24	485.34	0.23	ppb
Lead	208-1	497.84	502.13	500.00	499.99	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	52092.03	51680.02	52043.80	51938.62	0.43	ppb
Manganese	55-2	1066.67	1077.31	1064.27	1069.42	0.65	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:56:33	DataFile Name :	168CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	516.15	513.29	511.25	513.56	0.48	ppb
Molybdenum	95-1	514.14	508.01	503.51	508.56	1.05	ppb
Molybdenum	96-1	506.66	502.74	496.16	501.85	1.06	ppb
Molybdenum	97-1	519.80	510.73	508.43	512.99	1.17	ppb
Molybdenum	98-1	525.73	522.99	511.21	519.98	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.74	547.10	541.52	543.46	0.58	ppb
Phosphorus	31-2	10491.42	10434.21	10578.67	10501.43	0.69	ppb
Potassium	39-2	25272.34	25329.92	25003.30	25201.85	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	491.40	495.68	495.67	494.25	0.50	ppb
Selenium	78-2	508.17	518.26	514.64	513.69	1.00	ppb
Selenium	82-1	517.67	520.60	514.67	517.64	0.57	ppb
Silicon	28-1	619.00	632.86	635.16	629.01	1.39	ppb
Silver	109-1	511.09	516.51	512.76	513.45	0.54	ppb
Silver	107-1	508.02	509.30	509.43	508.91	0.15	ppb
Sodium	23-2	54202.15	53994.34	54256.63	54151.04	0.26	ppb
Strontium	86-1	521.49	522.27	523.33	522.36	0.18	ppb
Strontium	88-1	533.68	536.77	531.78	534.08	0.47	ppb
Sulfur	34-1	10674.16	10545.69	10693.69	10637.85	0.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	515.28	511.29	516.36	514.31	0.52	ppb
Thallium	205-1	513.37	519.02	520.48	517.62	0.73	ppb
Tin	118-1	515.77	514.04	513.92	514.58	0.20	ppb
Titanium	47-1	517.76	517.04	518.69	517.83	0.16	ppb
Uranium	238-1	478.43	485.35	479.74	481.17	0.76	ppb
Vanadium	51-2	525.08	527.71	524.55	525.78	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1040.75	1059.07	1049.11	1049.64	0.87	ppb
Zirconium	90-1	513.82	509.07	506.04	509.65	0.77	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:56:33	DataFile Name :	168CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.79	499.87	497.18	498.61	0.27	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:59:58	DataFile Name :	169CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.79	0.43	0.62	29.36	ppb
Antimony	121-1	1.79	2.03	2.47	2.09	16.36	ppb
Arsenic	75-2	0.51	0.62	0.61	0.58	10.32	ppb
Barium	135-1	0.00	-0.03	-0.04	-0.03		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	27.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.56	9.25	8.22	9.01	7.79	ppb
Boron	11-1	10.12	9.46	8.84	9.47	6.72	ppb
Cadmium	111-1	-0.08	-0.19	-0.12	-0.13		ppb
Cadmium	106-1	-1.18	-2.57	-1.75	-1.83		ppb
Cadmium	108-1	0.02	0.08	-0.01	0.03	174.92	ppb
Calcium	43-1	4.63	2.41	3.44	3.49	31.74	ppb
Calcium	44-1	-1.20	-0.28	-0.45	-0.65		ppb
Chromium	52-2	0.18	0.17	0.13	0.16	15.07	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	1.53	1.59	1.57	1.56	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.07	1.07	1.03	1.05	1.91	ppb
Iron	57-2	0.67	1.12	0.71	0.83	29.76	ppb
Lead	206-1	0.03	0.03	0.06	0.04	46.97	ppb
Lead	207-1	0.04	0.04	0.05	0.04	16.15	ppb
Lead	208-1	0.03	0.03	0.04	0.03	17.95	ppb
Lithium	6-1						%
Magnesium	24-2	0.67	0.81	0.54	0.67	19.49	ppb
Manganese	55-2	0.01	0.00	-0.02	0.00	8279.01	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:59:58	DataFile Name :	169CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.28	0.33	0.27	25.05	ppb
Molybdenum	95-1	0.48	0.65	0.81	0.65	25.16	ppb
Molybdenum	96-1	0.41	0.55	0.67	0.54	24.34	ppb
Molybdenum	97-1	0.53	0.64	0.85	0.68	24.17	ppb
Molybdenum	98-1	0.49	0.64	0.81	0.65	24.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.16	-0.18	-0.16		ppb
Phosphorus	31-2	-4.91	9.67	-2.56	0.73	1068.54	ppb
Potassium	39-2	11.69	15.34	10.97	12.67	18.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.16	0.16	0.83	0.38	100.71	ppb
Selenium	78-2	-0.27	0.60	0.39	0.24	190.15	ppb
Selenium	82-1	0.62	-0.11	1.71	0.74	123.98	ppb
Silicon	28-1	0.86	2.98	2.84	2.23	53.18	ppb
Silver	109-1	0.04	0.05	0.05	0.05	18.51	ppb
Silver	107-1	0.05	0.04	0.03	0.04	23.03	ppb
Sodium	23-2	23.90	23.77	22.45	23.37	3.43	ppb
Strontium	86-1	-0.03	0.01	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.66	ppb
Sulfur	34-1	425.78	818.40	775.92	673.37	32.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.02	13.94	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	24.40	ppb
Tin	118-1	0.32	0.32	0.42	0.35	16.95	ppb
Titanium	47-1	-0.16	-0.14	-0.13	-0.15		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	16.13	ppb
Vanadium	51-2	0.02	0.01	0.02	0.01	29.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	-0.01	0.01	-0.01		ppb
Zirconium	90-1	0.10	0.09	0.13	0.11	20.83	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:59:58	DataFile Name :	169CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.12	0.10	21.82	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:10:31	DataFile Name :	172SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	513.29	523.15	526.62	521.02	1.33	ppb
Antimony	121-1	25.31	25.47	25.79	25.53	0.96	ppb
Arsenic	75-2	28.80	28.52	28.31	28.54	0.87	ppb
Barium	135-1	129.75	131.85	131.70	131.10	0.89	ppb
Barium	137-1	130.31	131.26	132.26	131.28	0.74	ppb
Beryllium	9-1	23.53	24.06	22.92	23.50	2.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.32	47.62	47.00	47.31	0.66	ppb
Boron	11-1	46.83	48.65	48.25	47.91	1.99	ppb
Cadmium	111-1	25.28	25.32	25.79	25.46	1.12	ppb
Cadmium	106-1	22.29	25.36	26.09	24.58	8.19	ppb
Cadmium	108-1	26.35	26.33	25.47	26.05	1.93	ppb
Calcium	43-1	8617.85	8630.18	8646.25	8631.43	0.17	ppb
Calcium	44-1	8775.42	8711.71	8694.19	8727.11	0.49	ppb
Chromium	52-2	27.41	27.49	27.26	27.39	0.43	ppb
Cobalt	59-2	28.37	28.15	27.97	28.17	0.71	ppb
Copper	63-2	59.88	59.70	59.15	59.58	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1901.70	1886.06	1862.01	1883.26	1.06	ppb
Iron	57-2	1845.05	1839.34	1820.50	1834.97	0.70	ppb
Lead	206-1	26.29	26.54	26.17	26.33	0.73	ppb
Lead	207-1	23.82	24.37	23.80	24.00	1.33	ppb
Lead	208-1	25.43	25.58	25.20	25.41	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	4712.28	4698.21	4686.65	4699.05	0.27	ppb
Manganese	55-2	84.07	83.95	82.32	83.45	1.17	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:10:31	DataFile Name :	172SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	32.86	33.04	33.05	32.98	0.32	ppb
Molybdenum	95-1	52.27	51.61	51.97	51.95	0.64	ppb
Molybdenum	96-1	46.77	46.33	46.42	46.51	0.50	ppb
Molybdenum	97-1	52.96	52.93	52.49	52.80	0.50	ppb
Molybdenum	98-1	51.61	51.41	51.51	51.51	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.80	28.84	28.30	28.65	1.04	ppb
Phosphorus	31-2	16.21	-7.19	1.33	3.45	343.11	ppb
Potassium	39-2	1587.54	1575.56	1565.89	1576.33	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	28.22	30.66	27.29	28.72	6.05	ppb
Selenium	78-2	26.40	24.95	28.21	26.52	6.16	ppb
Selenium	82-1	27.36	27.14	28.08	27.53	1.79	ppb
Silicon	28-1	450.28	447.07	588.99	495.45	16.35	ppb
Silver	109-1	12.46	12.28	12.56	12.44	1.14	ppb
Silver	107-1	12.62	12.59	12.67	12.63	0.34	ppb
Sodium	23-2	4765.79	4772.88	4746.25	4761.64	0.29	ppb
Strontium	86-1	61.96	60.71	61.54	61.41	1.03	ppb
Strontium	88-1	62.09	61.53	62.02	61.88	0.49	ppb
Sulfur	34-1	980.37	1082.59	955.28	1006.08	6.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.03	25.18	25.02	25.08	0.37	ppb
Thallium	205-1	25.31	25.32	25.24	25.29	0.17	ppb
Tin	118-1	50.67	50.51	50.91	50.70	0.39	ppb
Titanium	47-1	53.52	52.35	51.84	52.57	1.64	ppb
Uranium	238-1	22.52	22.50	22.65	22.56	0.36	ppb
Vanadium	51-2	26.87	26.88	26.68	26.81	0.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	58.15	58.36	57.17	57.89	1.09	ppb
Zirconium	90-1	24.88	24.90	24.97	24.91	0.18	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:10:31	DataFile Name :	172SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.95	24.78	24.58	24.77	0.76	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:14:00	DataFile Name :	173SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.79	521.37	525.91	520.69	1.07	ppb
Antimony	121-1	25.41	25.25	25.14	25.26	0.54	ppb
Arsenic	75-2	28.26	27.72	28.57	28.18	1.53	ppb
Barium	135-1	130.51	130.31	128.95	129.93	0.66	ppb
Barium	137-1	131.03	130.87	129.97	130.62	0.44	ppb
Beryllium	9-1	23.06	23.58	22.84	23.16	1.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.44	48.15	46.83	47.47	1.39	ppb
Boron	11-1	46.94	47.64	47.44	47.34	0.76	ppb
Cadmium	111-1	25.55	25.21	25.09	25.28	0.94	ppb
Cadmium	106-1	24.50	24.63	21.90	23.67	6.50	ppb
Cadmium	108-1	26.39	24.46	25.33	25.39	3.80	ppb
Calcium	43-1	8352.93	8358.09	8244.29	8318.44	0.77	ppb
Calcium	44-1	8485.08	8506.03	8381.59	8457.57	0.79	ppb
Chromium	52-2	27.56	27.41	27.20	27.39	0.66	ppb
Cobalt	59-2	28.06	28.20	28.22	28.16	0.32	ppb
Copper	63-2	58.92	59.22	59.46	59.20	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1858.65	1854.70	1849.49	1854.28	0.25	ppb
Iron	57-2	1796.17	1820.21	1839.14	1818.51	1.18	ppb
Lead	206-1	25.81	25.93	25.91	25.88	0.24	ppb
Lead	207-1	23.78	23.79	23.86	23.81	0.18	ppb
Lead	208-1	25.12	25.14	25.03	25.10	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	4643.07	4685.68	4680.56	4669.77	0.50	ppb
Manganese	55-2	83.03	83.45	82.98	83.15	0.31	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:14:00	DataFile Name :	173SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	32.72	33.26	32.35	32.78	1.40	ppb
Molybdenum	95-1	52.26	51.93	51.63	51.94	0.61	ppb
Molybdenum	96-1	46.44	46.56	46.21	46.40	0.38	ppb
Molybdenum	97-1	52.04	52.57	51.18	51.93	1.35	ppb
Molybdenum	98-1	50.69	51.33	50.37	50.80	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.78	28.44	28.82	28.68	0.73	ppb
Phosphorus	31-2	-3.16	10.66	-0.44	2.35	311.25	ppb
Potassium	39-2	1549.14	1569.95	1551.02	1556.70	0.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	25.78	26.03	33.12	28.31	14.71	ppb
Selenium	78-2	26.12	25.00	26.54	25.89	3.09	ppb
Selenium	82-1	26.63	27.57	27.15	27.12	1.73	ppb
Silicon	28-1	584.65	584.06	579.45	582.72	0.49	ppb
Silver	109-1	12.55	12.44	12.57	12.52	0.58	ppb
Silver	107-1	12.60	12.38	12.32	12.43	1.16	ppb
Sodium	23-2	4662.65	4730.79	4725.23	4706.22	0.80	ppb
Strontium	86-1	59.76	60.75	60.21	60.24	0.82	ppb
Strontium	88-1	60.54	61.47	60.29	60.77	1.03	ppb
Sulfur	34-1	1153.06	1099.05	1076.95	1109.69	3.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	24.42	24.43	24.35	24.40	0.19	ppb
Thallium	205-1	24.91	24.88	24.98	24.93	0.22	ppb
Tin	118-1	50.76	50.64	50.07	50.49	0.73	ppb
Titanium	47-1	51.94	52.59	51.64	52.06	0.93	ppb
Uranium	238-1	22.18	22.28	22.13	22.19	0.34	ppb
Vanadium	51-2	26.60	26.56	26.87	26.68	0.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	57.77	57.98	58.42	58.06	0.57	ppb
Zirconium	90-1	25.02	25.03	24.78	24.94	0.56	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:14:00	DataFile Name :	173SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.58	24.97	24.29	24.62	1.39	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:17:30	DataFile Name :	174SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	534.02	540.05	527.83	533.97	1.14	ppb
Antimony	121-1	25.60	25.89	25.68	25.73	0.58	ppb
Arsenic	75-2	29.13	28.97	29.25	29.12	0.49	ppb
Barium	135-1	131.57	133.48	133.18	132.74	0.78	ppb
Barium	137-1	131.81	133.18	132.80	132.60	0.53	ppb
Beryllium	9-1	23.36	23.95	23.50	23.60	1.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.57	48.85	51.02	49.48	2.70	ppb
Boron	11-1	49.40	49.16	50.39	49.65	1.31	ppb
Cadmium	111-1	25.82	25.49	25.46	25.59	0.78	ppb
Cadmium	106-1	23.07	22.23	25.02	23.44	6.11	ppb
Cadmium	108-1	25.62	25.91	26.07	25.87	0.87	ppb
Calcium	43-1	8597.84	8710.46	8762.13	8690.14	0.97	ppb
Calcium	44-1	8724.30	8802.48	8847.03	8791.27	0.71	ppb
Chromium	52-2	28.15	28.21	27.78	28.04	0.83	ppb
Cobalt	59-2	29.03	28.57	28.94	28.85	0.84	ppb
Copper	63-2	61.35	60.74	61.32	61.14	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1930.16	1898.45	1918.35	1915.65	0.84	ppb
Iron	57-2	1875.82	1853.56	1870.37	1866.58	0.62	ppb
Lead	206-1	26.92	26.42	26.46	26.60	1.05	ppb
Lead	207-1	24.65	24.33	24.34	24.44	0.74	ppb
Lead	208-1	25.86	25.69	25.69	25.75	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	4783.31	4782.55	4788.81	4784.89	0.07	ppb
Manganese	55-2	85.06	83.88	84.79	84.58	0.73	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:17:30	DataFile Name :	174SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	33.21	33.58	33.66	33.48	0.72	ppb
Molybdenum	95-1	53.04	53.09	53.07	53.07	0.05	ppb
Molybdenum	96-1	47.51	47.64	47.38	47.51	0.28	ppb
Molybdenum	97-1	53.78	54.15	53.12	53.68	0.97	ppb
Molybdenum	98-1	52.51	52.71	52.25	52.49	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.77	29.08	29.07	29.31	1.38	ppb
Phosphorus	31-2	14.39	-3.44	-0.71	3.41	281.28	ppb
Potassium	39-2	1609.45	1586.01	1588.79	1594.75	0.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	21.82	28.73	33.20	27.92	20.53	ppb
Selenium	78-2	24.03	28.30	22.74	25.02	11.63	ppb
Selenium	82-1	26.32	27.41	27.97	27.23	3.07	ppb
Silicon	28-1	455.35	462.01	461.67	459.68	0.82	ppb
Silver	109-1	12.52	12.78	12.81	12.70	1.26	ppb
Silver	107-1	12.48	12.59	12.73	12.60	0.98	ppb
Sodium	23-2	4889.51	4801.27	4816.55	4835.78	0.98	ppb
Strontium	86-1	62.19	62.49	62.31	62.33	0.25	ppb
Strontium	88-1	62.35	63.21	63.14	62.90	0.76	ppb
Sulfur	34-1	1094.07	1198.08	1192.86	1161.67	5.04	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	24.98	25.09	24.86	24.98	0.44	ppb
Thallium	205-1	25.81	25.50	25.45	25.59	0.77	ppb
Tin	118-1	51.35	51.05	51.78	51.39	0.71	ppb
Titanium	47-1	53.76	53.46	53.74	53.66	0.31	ppb
Uranium	238-1	23.07	22.70	22.58	22.78	1.12	ppb
Vanadium	51-2	27.43	26.98	27.13	27.18	0.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	60.16	58.99	59.97	59.71	1.06	ppb
Zirconium	90-1	25.27	25.54	25.54	25.45	0.60	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:17:30	DataFile Name :	174SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.74	25.05	24.81	24.87	0.66	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:20:59	DataFile Name :	175CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9930.33	9864.81	9856.15	9883.76	0.41	ppb
Antimony	121-1	499.36	501.55	498.52	499.81	0.31	ppb
Arsenic	75-2	506.82	506.22	504.50	505.85	0.24	ppb
Barium	135-1	2574.99	2585.04	2575.26	2578.43	0.22	ppb
Barium	137-1	2543.24	2578.34	2573.39	2564.99	0.74	ppb
Beryllium	9-1	509.95	511.15	509.41	510.17	0.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	429.90	437.78	442.53	436.74	1.46	ppb
Boron	11-1	434.33	436.14	443.56	438.01	1.12	ppb
Cadmium	111-1	494.59	501.37	499.90	498.62	0.72	ppb
Cadmium	106-1	496.05	504.98	500.91	500.64	0.89	ppb
Cadmium	108-1	496.16	510.86	495.30	500.77	1.75	ppb
Calcium	43-1	49981.89	50162.73	50259.42	50134.68	0.28	ppb
Calcium	44-1	50755.57	50969.62	51106.47	50943.89	0.35	ppb
Chromium	52-2	526.12	526.16	524.10	525.46	0.22	ppb
Cobalt	59-2	540.07	536.20	536.82	537.70	0.39	ppb
Copper	63-2	1021.98	1014.64	1019.26	1018.63	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28124.79	27938.63	27832.75	27965.39	0.53	ppb
Iron	57-2	27478.75	27282.81	27273.43	27344.99	0.42	ppb
Lead	206-1	486.97	486.26	482.80	485.34	0.46	ppb
Lead	207-1	485.25	488.05	481.86	485.05	0.64	ppb
Lead	208-1	499.41	502.64	499.68	500.58	0.36	ppb
Lithium	6-1						%
Magnesium	24-2	52168.08	51520.22	51427.00	51705.10	0.78	ppb
Manganese	55-2	1066.59	1066.32	1059.05	1063.99	0.40	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:20:59	DataFile Name :	175CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.98	516.00	512.75	513.58	0.42	ppb
Molybdenum	95-1	507.99	508.34	508.56	508.30	0.06	ppb
Molybdenum	96-1	501.86	497.73	503.72	501.10	0.61	ppb
Molybdenum	97-1	510.74	507.02	512.66	510.14	0.56	ppb
Molybdenum	98-1	518.27	515.56	525.03	519.62	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.15	539.06	539.13	539.78	0.22	ppb
Phosphorus	31-2	10643.98	10583.88	10590.36	10606.07	0.31	ppb
Potassium	39-2	25162.65	25149.21	25150.56	25154.14	0.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	519.24	504.11	488.11	503.82	3.09	ppb
Selenium	78-2	521.48	509.15	512.67	514.44	1.23	ppb
Selenium	82-1	518.38	515.81	522.44	518.87	0.64	ppb
Silicon	28-1	587.74	598.10	598.66	594.83	1.03	ppb
Silver	109-1	510.69	511.96	508.84	510.50	0.31	ppb
Silver	107-1	501.54	519.25	505.43	508.74	1.83	ppb
Sodium	23-2	54134.70	53984.31	53426.20	53848.40	0.69	ppb
Strontium	86-1	519.65	516.78	521.96	519.46	0.50	ppb
Strontium	88-1	528.38	526.13	534.42	529.64	0.81	ppb
Sulfur	34-1	10850.39	10881.90	10513.28	10748.52	1.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.10	515.03	513.83	516.99	0.86	ppb
Thallium	205-1	520.81	517.73	521.78	520.11	0.41	ppb
Tin	118-1	497.96	509.82	510.66	506.15	1.40	ppb
Titanium	47-1	510.85	513.99	511.12	511.99	0.34	ppb
Uranium	238-1	484.23	478.89	481.17	481.43	0.56	ppb
Vanadium	51-2	524.90	522.66	521.82	523.13	0.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1043.38	1045.92	1041.38	1043.56	0.22	ppb
Zirconium	90-1	506.62	511.86	508.02	508.83	0.53	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:20:59	DataFile Name :	175CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.16	496.39	498.51	497.35	0.22	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:24:24	DataFile Name :	176CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	0.07	0.14	0.27	107.01	ppb
Antimony	121-1	1.43	1.72	2.04	1.73	17.46	ppb
Arsenic	75-2	0.47	0.52	0.53	0.51	7.23	ppb
Barium	135-1	0.00	-0.02	-0.03	-0.02		ppb
Barium	137-1	0.02	0.00	-0.02	0.00	7368.08	ppb
Beryllium	9-1	0.03	0.04	0.05	0.04	24.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.99	8.87	8.73	9.20	7.53	ppb
Boron	11-1	9.74	8.91	8.18	8.94	8.70	ppb
Cadmium	111-1	-0.12	-0.22	-0.10	-0.15		ppb
Cadmium	106-1	-1.74	-3.02	-1.39	-2.05		ppb
Cadmium	108-1	0.01	0.03	0.05	0.03	51.52	ppb
Calcium	43-1	0.33	1.31	0.99	0.88	57.25	ppb
Calcium	44-1	-3.30	-3.99	-3.67	-3.65		ppb
Chromium	52-2	0.06	0.02	0.04	0.04	46.82	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.85	0.70	0.79	0.78	9.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.84	0.79	0.74	0.79	6.16	ppb
Iron	57-2	-0.04	0.48	0.53	0.32	98.85	ppb
Lead	206-1	0.05	0.05	0.04	0.04	15.87	ppb
Lead	207-1	0.03	0.05	0.05	0.04	32.44	ppb
Lead	208-1	0.03	0.04	0.04	0.04	15.44	ppb
Lithium	6-1						%
Magnesium	24-2	0.53	0.47	0.41	0.47	13.17	ppb
Manganese	55-2	-0.03	-0.02	0.00	-0.02		ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:24:24	DataFile Name :	176CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.23	0.30	0.24	24.11	ppb
Molybdenum	95-1	0.49	0.63	0.78	0.64	23.02	ppb
Molybdenum	96-1	0.41	0.51	0.64	0.52	22.34	ppb
Molybdenum	97-1	0.51	0.63	0.79	0.64	22.36	ppb
Molybdenum	98-1	0.50	0.62	0.77	0.63	21.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.19	-0.15	-0.17		ppb
Phosphorus	31-2	5.39	-3.40	-7.23	-1.75		ppb
Potassium	39-2	11.24	15.55	7.90	11.56	33.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.79	0.47	1.46	1.24	55.50	ppb
Selenium	78-2	0.14	0.62	-0.42	0.11	454.62	ppb
Selenium	82-1	0.55	0.31	0.64	0.50	33.76	ppb
Silicon	28-1	-3.77	-5.75	-4.53	-4.68		ppb
Silver	109-1	0.03	0.02	0.03	0.03	15.03	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.39	ppb
Sodium	23-2	15.97	15.46	15.11	15.51	2.76	ppb
Strontium	86-1	-0.01	0.09	0.06	0.05	109.63	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	39.46	ppb
Sulfur	34-1	615.07	553.78	582.95	583.93	5.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.03	0.04	13.57	ppb
Thallium	205-1	0.06	0.04	0.03	0.04	23.49	ppb
Tin	118-1	0.24	0.30	0.32	0.29	15.33	ppb
Titanium	47-1	-0.15	-0.21	-0.20	-0.19		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.85	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	35.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.03	-0.03	0.01	0.00	1524.52	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	16.26	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:24:24	DataFile Name :	176CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.03	0.05	0.05	34.02	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:27:56	DataFile Name :	177SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	202.26	198.80	199.02	200.02	0.97	ppb
Antimony	121-1	0.61	0.70	0.84	0.72	16.16	ppb
Arsenic	75-2	0.34	0.33	0.43	0.37	15.12	ppb
Barium	135-1	5.59	5.53	5.54	5.55	0.60	ppb
Barium	137-1	5.62	5.80	5.62	5.68	1.80	ppb
Beryllium	9-1	0.06	0.06	0.03	0.05	32.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.57	12.31	12.79	12.89	4.93	ppb
Boron	11-1	13.50	13.01	12.87	13.13	2.52	ppb
Cadmium	111-1	0.12	0.02	-0.03	0.04	212.10	ppb
Cadmium	106-1	-0.15	-1.66	-2.10	-1.31		ppb
Cadmium	108-1	0.26	0.22	0.18	0.22	18.63	ppb
Calcium	43-1	4945.39	4950.79	4827.99	4908.06	1.41	ppb
Calcium	44-1	4968.94	4971.22	4937.11	4959.09	0.38	ppb
Chromium	52-2	0.58	0.64	0.59	0.60	5.10	ppb
Cobalt	59-2	0.87	0.84	0.87	0.86	2.04	ppb
Copper	63-2	3.22	3.28	3.27	3.26	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	406.78	404.02	405.75	405.51	0.34	ppb
Iron	57-2	408.87	409.82	407.15	408.61	0.33	ppb
Lead	206-1	0.24	0.21	0.22	0.23	6.47	ppb
Lead	207-1	0.22	0.21	0.19	0.21	8.42	ppb
Lead	208-1	0.22	0.21	0.20	0.21	4.51	ppb
Lithium	6-1						%
Magnesium	24-2	2260.77	2245.08	2268.26	2258.04	0.52	ppb
Manganese	55-2	990.16	991.56	992.82	991.52	0.13	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:27:56	DataFile Name :	177SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.19	0.21	0.19	9.11	ppb
Molybdenum	95-1	0.28	0.31	0.38	0.32	15.39	ppb
Molybdenum	96-1	0.22	0.28	0.36	0.28	23.39	ppb
Molybdenum	97-1	0.25	0.33	0.35	0.31	17.30	ppb
Molybdenum	98-1	0.27	0.32	0.37	0.32	15.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	1.93	1.95	1.93	0.85	ppb
Phosphorus	31-2	7.43	9.95	5.94	7.77	26.06	ppb
Potassium	39-2	446.89	449.39	444.73	447.00	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.49	0.16	0.15	0.27	72.33	ppb
Selenium	78-2	0.01	-0.52	0.44	-0.02		ppb
Selenium	82-1	0.52	0.83	1.27	0.87	43.31	ppb
Silicon	28-1	590.40	592.13	585.01	589.18	0.63	ppb
Silver	109-1	0.09	0.09	0.11	0.10	10.53	ppb
Silver	107-1	0.08	0.08	0.09	0.09	6.43	ppb
Sodium	23-2	25933.62	25597.36	25552.60	25694.53	0.81	ppb
Strontium	86-1	30.40	29.77	30.02	30.06	1.06	ppb
Strontium	88-1	30.41	30.01	30.16	30.19	0.67	ppb
Sulfur	34-1	3692.48	3718.25	3465.89	3625.54	3.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.05	0.05	4.39	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	8.35	ppb
Tin	118-1	0.20	0.20	0.22	0.20	6.61	ppb
Titanium	47-1	9.09	10.56	8.87	9.51	9.64	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.31	ppb
Vanadium	51-2	0.59	0.64	0.64	0.62	4.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.60	1.62	1.66	1.63	1.92	ppb
Zirconium	90-1	0.13	0.15	0.16	0.15	8.74	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:27:56	DataFile Name :	177SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.16	0.14	0.14	7.09	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:31:27	DataFile Name :	178SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.97	1.32	1.02	26.94	ppb
Antimony	121-1	0.22	0.25	0.31	0.26	16.67	ppb
Arsenic	75-2	0.10	0.07	0.18	0.12	48.32	ppb
Barium	135-1	3.18	3.32	3.29	3.26	2.26	ppb
Barium	137-1	3.21	3.22	3.31	3.25	1.71	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	101.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.97	10.64	11.30	10.97	2.97	ppb
Boron	11-1	10.91	11.05	11.01	10.99	0.66	ppb
Cadmium	111-1	-0.08	-0.12	-0.03	-0.07		ppb
Cadmium	106-1	-1.87	-2.41	-1.58	-1.95		ppb
Cadmium	108-1	0.09	0.11	0.09	0.10	8.90	ppb
Calcium	43-1	5106.57	5188.83	5017.39	5104.26	1.68	ppb
Calcium	44-1	5202.60	5234.61	5162.22	5199.81	0.70	ppb
Chromium	52-2	0.15	0.16	0.16	0.15	5.27	ppb
Cobalt	59-2	0.67	0.66	0.66	0.66	0.52	ppb
Copper	63-2	1.92	1.76	2.01	1.89	6.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.53	0.46	0.61	0.53	14.33	ppb
Iron	57-2	0.87	1.12	1.41	1.14	23.79	ppb
Lead	206-1	-0.06	-0.06	-0.06	-0.06		ppb
Lead	207-1	-0.04	-0.04	-0.06	-0.05		ppb
Lead	208-1	-0.06	-0.05	-0.07	-0.06		ppb
Lithium	6-1						%
Magnesium	24-2	2318.56	2311.40	2323.62	2317.86	0.26	ppb
Manganese	55-2	874.27	869.43	889.50	877.73	1.19	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:31:27	DataFile Name :	178SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.10	0.08	28.85	ppb
Molybdenum	95-1	0.18	0.17	0.23	0.20	16.27	ppb
Molybdenum	96-1	0.13	0.14	0.16	0.14	11.14	ppb
Molybdenum	97-1	0.14	0.16	0.19	0.16	15.19	ppb
Molybdenum	98-1	0.16	0.16	0.22	0.18	19.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.55	1.43	1.49	4.16	ppb
Phosphorus	31-2	-4.92	-2.59	-2.44	-3.32		ppb
Potassium	39-2	455.43	446.59	448.24	450.09	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.83	0.49	0.38	134.44	ppb
Selenium	78-2	-0.88	-0.51	-0.40	-0.60		ppb
Selenium	82-1	0.75	0.71	1.61	1.02	49.82	ppb
Silicon	28-1	244.98	248.31	239.38	244.22	1.85	ppb
Silver	109-1	0.05	0.06	0.07	0.06	12.76	ppb
Silver	107-1	0.06	0.06	0.07	0.06	13.96	ppb
Sodium	23-2	26888.11	26658.83	26661.85	26736.26	0.49	ppb
Strontium	86-1	31.17	31.56	31.41	31.38	0.63	ppb
Strontium	88-1	31.46	31.84	31.91	31.74	0.77	ppb
Sulfur	34-1	4093.53	4121.69	3724.50	3979.91	5.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.08	0.09	0.12	0.10	23.91	ppb
Titanium	47-1	-0.20	-0.15	-0.17	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	14.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.59	0.61	0.72	0.64	10.84	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	14.04	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:31:27	DataFile Name :	178SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.05	0.02	90.67	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:34:58	DataFile Name :	179SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123.19	134.49	125.78	127.82	4.63	ppb
Antimony	121-1	0.11	0.12	0.15	0.12	17.98	ppb
Arsenic	75-2	0.14	0.16	0.15	0.15	7.78	ppb
Barium	135-1	4.36	4.26	4.14	4.25	2.65	ppb
Barium	137-1	4.41	4.29	4.21	4.31	2.34	ppb
Beryllium	9-1	0.01	0.04	0.05	0.04	58.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.29	10.09	9.15	9.51	5.31	ppb
Boron	11-1	10.07	9.93	9.96	9.99	0.70	ppb
Cadmium	111-1	0.03	-0.02	-0.04	-0.01		ppb
Cadmium	106-1	-1.09	-1.63	-1.87	-1.53		ppb
Cadmium	108-1	0.08	0.18	0.18	0.15	41.42	ppb
Calcium	43-1	4596.90	4620.88	4625.15	4614.31	0.33	ppb
Calcium	44-1	4713.97	4686.57	4694.30	4698.28	0.30	ppb
Chromium	52-2	0.36	0.38	0.41	0.38	5.30	ppb
Cobalt	59-2	0.73	0.74	0.75	0.74	1.81	ppb
Copper	63-2	2.67	2.73	2.80	2.74	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	242.22	243.78	243.93	243.31	0.39	ppb
Iron	57-2	242.52	241.69	245.84	243.35	0.90	ppb
Lead	206-1	0.12	0.08	0.10	0.10	20.70	ppb
Lead	207-1	0.08	0.09	0.10	0.09	11.84	ppb
Lead	208-1	0.09	0.08	0.09	0.09	6.30	ppb
Lithium	6-1						%
Magnesium	24-2	2107.57	2144.43	2127.30	2126.43	0.87	ppb
Manganese	55-2	927.10	934.66	933.15	931.64	0.43	ppb

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:34:58	DataFile Name :	179SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.10	0.09	16.02	ppb
Molybdenum	95-1	0.09	0.11	0.14	0.11	23.93	ppb
Molybdenum	96-1	0.11	0.10	0.11	0.11	4.93	ppb
Molybdenum	97-1	0.08	0.10	0.13	0.10	27.78	ppb
Molybdenum	98-1	0.08	0.11	0.12	0.10	19.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.60	1.56	1.71	1.63	4.88	ppb
Phosphorus	31-2	16.66	-1.18	5.27	6.92	130.52	ppb
Potassium	39-2	417.39	422.54	413.79	417.91	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.50	0.16	0.16	213.25	ppb
Selenium	78-2	-0.39	-0.23	-0.63	-0.42		ppb
Selenium	82-1	0.89	0.58	1.30	0.93	38.54	ppb
Silicon	28-1	440.07	435.56	439.30	438.31	0.55	ppb
Silver	109-1	0.05	0.06	0.05	0.05	7.88	ppb
Silver	107-1	0.04	0.06	0.06	0.06	18.40	ppb
Sodium	23-2	24366.76	24690.49	24370.87	24476.04	0.76	ppb
Strontium	86-1	28.28	28.05	28.59	28.31	0.97	ppb
Strontium	88-1	28.39	28.18	28.88	28.48	1.26	ppb
Sulfur	34-1	3544.09	3633.00	3627.29	3601.46	1.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.06	0.08	0.06	24.86	ppb
Titanium	47-1	5.22	4.98	5.07	5.09	2.38	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.22	ppb
Vanadium	51-2	0.36	0.37	0.43	0.39	9.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.17	0.99	0.87	1.01	14.99	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	3.19	ppb

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:34:58	DataFile Name :	179SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.07	0.08	8.39	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:38:29	DataFile Name :	180SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.37	0.78	0.55	37.40	ppb
Antimony	121-1	0.01	0.06	0.09	0.05	74.13	ppb
Arsenic	75-2	0.08	0.03	0.08	0.06	44.01	ppb
Barium	135-1	2.80	2.88	2.75	2.81	2.21	ppb
Barium	137-1	2.71	2.75	2.81	2.75	1.81	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	29.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.56	10.20	10.71	10.16	5.68	ppb
Boron	11-1	9.89	10.46	10.45	10.27	3.20	ppb
Cadmium	111-1	0.01	-0.07	-0.05	-0.04		ppb
Cadmium	106-1	-1.19	-2.26	-1.67	-1.71		ppb
Cadmium	108-1	0.12	0.09	0.18	0.13	35.15	ppb
Calcium	43-1	5040.32	4911.51	4959.89	4970.57	1.31	ppb
Calcium	44-1	5036.56	5031.78	5013.12	5027.15	0.25	ppb
Chromium	52-2	0.18	0.19	0.15	0.17	11.76	ppb
Cobalt	59-2	0.67	0.67	0.62	0.66	4.31	ppb
Copper	63-2	1.84	1.98	1.93	1.92	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.05	0.03	-0.12	-0.05		ppb
Iron	57-2	0.42	0.62	0.12	0.39	65.89	ppb
Lead	206-1	-0.08	-0.09	-0.10	-0.09		ppb
Lead	207-1	-0.07	-0.07	-0.09	-0.08		ppb
Lead	208-1	-0.08	-0.09	-0.10	-0.09		ppb
Lithium	6-1						%
Magnesium	24-2	2243.59	2255.19	2215.12	2237.96	0.92	ppb
Manganese	55-2	1011.47	1005.50	991.75	1002.91	1.01	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:38:29	DataFile Name :	180SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.05	0.05	0.04	42.21	ppb
Molybdenum	95-1	0.07	0.10	0.10	0.09	19.77	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.06	9.12	ppb
Molybdenum	97-1	0.10	0.08	0.09	0.09	12.71	ppb
Molybdenum	98-1	0.06	0.08	0.10	0.08	28.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.60	1.53	1.58	1.57	2.25	ppb
Phosphorus	31-2	-7.26	-0.81	6.75	-0.44		ppb
Potassium	39-2	431.34	433.51	437.84	434.23	0.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.16	-0.18	-0.18	-0.07		ppb
Selenium	78-2	-1.06	-1.17	-0.12	-0.78		ppb
Selenium	82-1	0.32	0.77	0.48	0.52	43.62	ppb
Silicon	28-1	253.10	250.32	249.90	251.11	0.69	ppb
Silver	109-1	0.04	0.05	0.06	0.05	19.64	ppb
Silver	107-1	0.05	0.05	0.05	0.05	6.62	ppb
Sodium	23-2	26335.50	26168.02	25827.63	26110.38	0.99	ppb
Strontium	86-1	30.34	30.26	30.37	30.32	0.19	ppb
Strontium	88-1	30.52	30.73	30.15	30.46	0.96	ppb
Sulfur	34-1	4030.15	3851.27	3953.96	3945.13	2.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.04	0.07	0.06	23.91	ppb
Titanium	47-1	-0.20	-0.14	-0.15	-0.16		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	49.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.12	1.13	1.20	1.15	3.67	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.57	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:38:29	DataFile Name :	180SMPL_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.01	0.01	97.34	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:42:00	DataFile Name :	181CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9947.17	10032.80	9958.93	9979.64	0.47	ppb
Antimony	121-1	510.24	497.24	503.14	503.54	1.29	ppb
Arsenic	75-2	505.16	502.10	504.41	503.89	0.32	ppb
Barium	135-1	2581.96	2562.95	2601.45	2582.12	0.75	ppb
Barium	137-1	2595.24	2557.10	2571.74	2574.69	0.75	ppb
Beryllium	9-1	471.12	475.16	473.43	473.24	0.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	434.54	437.84	443.82	438.73	1.07	ppb
Boron	11-1	427.92	433.36	439.07	433.45	1.29	ppb
Cadmium	111-1	501.45	496.47	502.82	500.25	0.67	ppb
Cadmium	106-1	501.18	496.54	511.40	503.04	1.51	ppb
Cadmium	108-1	494.17	499.10	507.30	500.19	1.33	ppb
Calcium	43-1	50587.80	50128.11	50041.78	50252.56	0.58	ppb
Calcium	44-1	51737.43	50568.62	50840.20	51048.75	1.20	ppb
Chromium	52-2	525.46	531.51	527.20	528.06	0.59	ppb
Cobalt	59-2	535.52	540.81	539.66	538.66	0.52	ppb
Copper	63-2	1020.50	1028.25	1033.79	1027.51	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28026.02	27875.86	27832.53	27911.47	0.36	ppb
Iron	57-2	27166.32	27324.14	27453.31	27314.59	0.53	ppb
Lead	206-1	484.47	484.93	488.50	485.97	0.45	ppb
Lead	207-1	484.87	483.11	486.94	484.97	0.40	ppb
Lead	208-1	500.99	502.36	504.19	502.51	0.32	ppb
Lithium	6-1						%
Magnesium	24-2	52407.18	52391.21	52299.60	52366.00	0.11	ppb
Manganese	55-2	1066.83	1071.23	1070.06	1069.38	0.21	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:42:00	DataFile Name :	181CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	519.52	506.08	514.52	513.37	1.32	ppb
Molybdenum	95-1	514.56	505.71	509.40	509.89	0.87	ppb
Molybdenum	96-1	503.96	499.13	499.56	500.88	0.53	ppb
Molybdenum	97-1	516.08	505.59	509.55	510.40	1.04	ppb
Molybdenum	98-1	524.96	514.40	515.28	518.21	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.15	544.52	544.26	542.31	0.66	ppb
Phosphorus	31-2	10632.92	10545.45	10581.22	10586.53	0.42	ppb
Potassium	39-2	25273.14	25172.72	25177.23	25207.70	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	516.00	528.99	515.07	520.02	1.50	ppb
Selenium	78-2	506.86	512.07	519.50	512.81	1.24	ppb
Selenium	82-1	522.11	514.82	519.15	518.69	0.71	ppb
Silicon	28-1	598.35	597.59	603.37	599.77	0.52	ppb
Silver	109-1	513.95	505.64	513.23	510.94	0.90	ppb
Silver	107-1	510.06	506.53	514.21	510.27	0.75	ppb
Sodium	23-2	53788.57	54272.04	54104.35	54054.99	0.45	ppb
Strontium	86-1	521.47	519.66	519.23	520.12	0.23	ppb
Strontium	88-1	533.99	529.41	532.25	531.88	0.43	ppb
Sulfur	34-1	10980.40	10795.30	10671.09	10815.60	1.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.30	514.37	517.93	515.20	0.47	ppb
Thallium	205-1	516.05	516.06	522.01	518.04	0.66	ppb
Tin	118-1	509.53	505.99	513.77	509.76	0.76	ppb
Titanium	47-1	515.59	511.14	512.34	513.02	0.45	ppb
Uranium	238-1	482.94	483.77	482.02	482.91	0.18	ppb
Vanadium	51-2	520.21	524.80	523.56	522.86	0.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1045.88	1058.25	1051.71	1051.95	0.59	ppb
Zirconium	90-1	511.40	506.04	512.76	510.07	0.70	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:42:00	DataFile Name :	181CCV_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.34	492.88	497.29	497.84	1.06	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:45:25	DataFile Name :	182CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.40	0.40	0.36	21.26	ppb
Antimony	121-1	1.36	1.59	1.93	1.62	17.75	ppb
Arsenic	75-2	0.44	0.49	0.50	0.48	6.71	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	11.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.49	8.04	7.83	8.12	4.16	ppb
Boron	11-1	8.40	8.41	7.70	8.17	5.02	ppb
Cadmium	111-1	-0.14	-0.13	-0.13	-0.13		ppb
Cadmium	106-1	-2.00	-1.87	-1.66	-1.84		ppb
Cadmium	108-1	-0.03	0.12	0.07	0.05	140.59	ppb
Calcium	43-1	1.90	2.10	-0.88	1.04	159.85	ppb
Calcium	44-1	-3.85	-5.92	-4.82	-4.86		ppb
Chromium	52-2	0.01	0.02	-0.01	0.01	192.23	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.58	0.54	0.55	0.56	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.66	0.71	0.66	0.68	4.07	ppb
Iron	57-2	0.35	-0.18	0.48	0.22	161.98	ppb
Lead	206-1	0.05	0.05	0.05	0.05	3.44	ppb
Lead	207-1	0.04	0.07	0.05	0.05	31.54	ppb
Lead	208-1	0.04	0.05	0.04	0.04	13.41	ppb
Lithium	6-1						%
Magnesium	24-2	0.53	0.53	0.42	0.49	13.57	ppb
Manganese	55-2	0.00	-0.01	0.02	0.00	389.30	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:45:25	DataFile Name :	182CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.22	0.28	0.22	26.12	ppb
Molybdenum	95-1	0.51	0.62	0.84	0.66	25.26	ppb
Molybdenum	96-1	0.43	0.54	0.71	0.56	25.37	ppb
Molybdenum	97-1	0.43	0.66	0.76	0.62	27.39	ppb
Molybdenum	98-1	0.45	0.61	0.84	0.63	31.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.17	-0.15	-0.16		ppb
Phosphorus	31-2	-5.86	-4.58	-5.89	-5.44		ppb
Potassium	39-2	11.43	10.91	9.64	10.66	8.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.18	0.47	0.47	0.25	147.33	ppb
Selenium	78-2	0.10	0.27	0.89	0.42	99.25	ppb
Selenium	82-1	-0.44	0.25	0.87	0.23	291.40	ppb
Silicon	28-1	-6.71	-7.47	-7.58	-7.26		ppb
Silver	109-1	0.03	0.03	0.04	0.03	14.94	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.06	ppb
Sodium	23-2	15.25	13.64	12.19	13.69	11.17	ppb
Strontium	86-1	-0.05	-0.06	0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	5.11	ppb
Sulfur	34-1	300.62	367.76	410.83	359.74	15.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.02	0.04	38.94	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.86	ppb
Tin	118-1	0.24	0.27	0.30	0.27	11.35	ppb
Titanium	47-1	-0.15	-0.18	-0.19	-0.17		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.28	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	25.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.05	-0.10	-0.08	-0.08		ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	12.77	ppb

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:45:25	DataFile Name :	182CCBE_P7050517 .D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.04	0.03	35.99	ppb

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:25:59	DataFile Name :	002CALB_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	75	42	53	36.46	cps
Antimony	121-1	1867	1842	1950	1886	3.01	cps
Arsenic	75-2	22	11	22	19	34.64	cps
Barium	135-1	242	575	342	386	44.30	cps
Barium	137-1	417	742	400	519	37.08	cps
Beryllium	9-1	111	172	117	133	25.34	cps
Bismuth	209-1	14119171	13898034	13758713	13925306	1.31	cps
Bismuth	209-2	7782441	7815956	7842660	7813685	0.39	cps
Boron	10-1	625	608	617	617	1.35	cps
Boron	11-1	2600	2534	2709	2614	3.38	cps
Cadmium	111-1	4810	4462	4404	4558	4.82	cps
Cadmium	106-1	6810	6335	6260	6468	4.61	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	333	492	375	400	20.52	cps
Calcium	44-1	17845	18120	17470	17812	1.83	cps
Chromium	52-2	1537	1707	1653	1632	5.33	cps
Cobalt	59-2	383	400	367	383	4.35	cps
Copper	63-2	9550	9583	8956	9363	3.77	cps
Dysprosium	156-1	92	567	242	300	80.94	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	100	133	67	100	33.33	cps
Erbium	164-2	23	33	20	26	27.15	cps
Gadolinium	160-1	192	150	225	189	19.89	cps
Gadolinium	160-2	73	63	70	69	7.40	cps
Holmium	165-1	20406877	20309847	19938321	20218348	1.22	cps
Holmium	165-2	9791114	9763750	9820932	9791932	0.29	cps
Indium	115-1	16445293	16405182	15906291	16252255	1.85	cps
Indium	115-2	3149524	3147250	3167484	3154753	0.35	cps
Iron	56-2	10237	10243	9915	10132	1.85	cps
Iron	57-2	239	206	306	250	20.37	cps
Lead	206-1	3100	2995	2912	3002	3.15	cps
Lead	207-1	2517	2445	2550	2504	2.16	cps
Lead	208-1	12119	11925	12192	12078	1.14	cps
Lithium	6-1	1739787	1702896	1692476	1711720	1.45	cps
Magnesium	24-2	250	308	325	294	13.37	cps
Manganese	55-2	330	350	253	311	16.40	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:25:59	DataFile Name :	002CALB_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	642	400	525	23.06	cps
Molybdenum	95-1	217	250	217	228	8.45	cps
Molybdenum	96-1	375	300	342	339	11.09	cps
Molybdenum	97-1	300	150	125	192	49.38	cps
Molybdenum	98-1	400	383	283	356	17.75	cps
Neodymium	150-1	7	13	40	20	88.19	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	663	650	587	633	6.47	cps
Phosphorus	31-2	242	200	275	239	15.73	cps
Potassium	39-2	52728	52360	53473	52853	1.07	cps
Rhodium	103-1	15212765	14824002	14687989	14908252	1.83	cps
Rhodium	103-2	7057809	7032378	7066942	7052376	0.25	cps
Scandium	45-1	9707647	9678108	9465467	9617074	1.37	cps
Scandium	45-2	465727	473062	475992	471594	1.12	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	131	172	89	131	31.84	cps
Selenium	82-1	-411	-234	54	-197	-119.05	cps
Silicon	28-1	544242	539932	545005	543060	0.50	cps
Silver	109-1	125	192	250	189	33.11	cps
Silver	107-1	308	325	192	275	26.42	cps
Sodium	23-2	32052	31175	31141	31456	1.64	cps
Strontium	86-1	5935	6152	6393	6160	3.72	cps
Strontium	88-1	583	917	625	708	25.64	cps
Sulfur	34-1	738142	742764	736724	739210	0.43	cps
Terbium	159-1	21248841	21113731	20818003	21060192	1.05	cps
Terbium	159-2	9853805	9881795	9868788	9868130	0.14	cps
Thallium	203-1	517	433	525	492	10.31	cps
Thallium	205-1	1108	1100	1050	1086	2.90	cps
Tin	118-1	767	1208	1017	997	22.21	cps
Titanium	47-1	433	792	692	639	28.94	cps
Uranium	238-1	650	658	442	583	21.05	cps
Vanadium	51-2	20	43	67	43	53.85	cps
Yttrium	89-1	16222686	16247817	15866373	16112292	1.32	cps
Yttrium	89-2	2410388	2417678	2431368	2419812	0.44	cps
Zinc	66-2	230	333	393	319	25.91	cps
Zirconium	90-1	1092	1142	1400	1211	13.66	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:25:59	DataFile Name :	002CALB_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	350	233	286	20.66	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:34:37	DataFile Name :	004CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2900	3100	2817	2939	4.96	cps
Antimony	121-1	30718	31654	31720	31364	1.79	cps
Arsenic	75-2	557	600	563	573	4.04	cps
Barium	135-1	34594	35814	34920	35109	1.80	cps
Barium	137-1	60576	60777	63128	61494	2.31	cps
Beryllium	9-1	2600	2500	2411	2504	3.77	cps
Bismuth	209-1	13726711	13728799	14110019	13855176	1.59	cps
Bismuth	209-2	7879544	7968700	7915188	7921144	0.57	cps
Boron	10-1	9220	8845	9078	9048	2.09	cps
Boron	11-1	44240	44499	45954	44898	2.06	cps
Cadmium	111-1	8063	8127	8344	8178	1.80	cps
Cadmium	106-1	6293	6635	6777	6568	3.78	cps
Cadmium	108-1	275	329	333	313	10.41	cps
Calcium	43-1	19872	21349	21141	20788	3.85	cps
Calcium	44-1	347293	346472	354946	349571	1.34	cps
Chromium	52-2	11668	11925	11681	11758	1.23	cps
Cobalt	59-2	8122	8302	8439	8288	1.92	cps
Copper	63-2	22447	22174	22718	22446	1.21	cps
Dysprosium	156-1	75	42	83	67	33.07	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	83	150	92	108	33.53	cps
Erbium	164-2	43	33	43	40	14.43	cps
Gadolinium	160-1	192	167	183	181	7.05	cps
Gadolinium	160-2	73	60	70	68	10.24	cps
Holmium	165-1	20042476	20318335	20297148	20219320	0.76	cps
Holmium	165-2	9977873	10070784	9943863	9997507	0.66	cps
Indium	115-1	15976439	16274637	16403267	16218114	1.35	cps
Indium	115-2	3134282	3147326	3161673	3147761	0.44	cps
Iron	56-2	206961	206632	208551	207381	0.49	cps
Iron	57-2	5451	5190	5218	5286	2.71	cps
Lead	206-1	16572	17117	16806	16831	1.63	cps
Lead	207-1	14658	14959	15215	14944	1.86	cps
Lead	208-1	66767	67385	68086	67413	0.98	cps
Lithium	6-1	1714058	1737959	1766690	1739569	1.51	cps
Magnesium	24-2	171791	169877	171380	171016	0.59	cps
Manganese	55-2	3037	3044	2954	3011	1.67	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:34:37	DataFile Name :	004CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29156	28696	28061	28638	1.92	cps
Molybdenum	95-1	34760	34627	34977	34788	0.51	cps
Molybdenum	96-1	39372	37609	39639	38873	2.84	cps
Molybdenum	97-1	21183	21634	21225	21347	1.17	cps
Molybdenum	98-1	55726	56363	56856	56315	1.01	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2740	2677	2714	2710	1.17	cps
Phosphorus	31-2	183	308	258	250	25.17	cps
Potassium	39-2	218577	221554	223440	221191	1.11	cps
Rhodium	103-1	14618854	14960906	15037267	14872342	1.50	cps
Rhodium	103-2	7141162	7166523	7189729	7165804	0.34	cps
Scandium	45-1	9425299	9569095	9683172	9559189	1.35	cps
Scandium	45-2	466565	467643	473518	469242	0.80	cps
Selenium	77-2	53	37	67	52	28.78	cps
Selenium	78-2	294	296	246	279	10.16	cps
Selenium	82-1	1010	1147	1119	1092	6.67	cps
Silicon	28-1	617421	616997	615899	616772	0.13	cps
Silver	109-1	23654	23453	24764	23957	2.95	cps
Silver	107-1	25015	24898	25833	25248	2.02	cps
Sodium	23-2	355637	358966	361887	358830	0.87	cps
Strontium	86-1	10654	10863	10863	10793	1.11	cps
Strontium	88-1	41937	41954	42572	42155	0.86	cps
Sulfur	34-1	726034	737417	742755	735402	1.16	cps
Terbium	159-1	20776661	21090941	21143445	21003682	0.94	cps
Terbium	159-2	9905990	10063064	9929207	9966087	0.85	cps
Thallium	203-1	14917	15259	16194	15457	4.28	cps
Thallium	205-1	37161	37320	38373	37618	1.75	cps
Tin	118-1	59267	62105	62959	61444	3.15	cps
Titanium	47-1	10663	9720	10204	10196	4.62	cps
Uranium	238-1	52138	52131	53344	52538	1.33	cps
Vanadium	51-2	18976	18999	19733	19236	2.24	cps
Yttrium	89-1	16085016	16035660	16300902	16140526	0.87	cps
Yttrium	89-2	2407405	2418754	2418424	2414861	0.27	cps
Zinc	66-2	1984	1920	1923	1942	1.84	cps
Zirconium	90-1	23679	23312	23829	23606	1.13	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:34:37	DataFile Name :	004CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5260	5318	5118	5232	1.97	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:38:25	DataFile Name :	005CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158152	157572	157200	157641	0.30	cps
Antimony	121-1	782905	763509	742324	762912	2.66	cps
Arsenic	75-2	31172	30899	31517	31196	0.99	cps
Barium	135-1	1008215	1002642	1001736	1004198	0.35	cps
Barium	137-1	1757106	1754717	1742064	1751296	0.46	cps
Beryllium	9-1	138437	137354	135544	137112	1.07	cps
Bismuth	209-1	14078140	13933881	13868969	13960330	0.77	cps
Bismuth	209-2	7917297	7914647	7926117	7919354	0.08	cps
Boron	10-1	19822	20707	19396	19975	3.35	cps
Boron	11-1	99434	101271	98335	99680	1.49	cps
Cadmium	111-1	224477	223418	218370	222089	1.47	cps
Cadmium	106-1	31260	30801	29999	30687	2.08	cps
Cadmium	108-1	16627	16022	16243	16297	1.88	cps
Calcium	43-1	232188	232516	226228	230311	1.54	cps
Calcium	44-1	3811298	3810348	3779900	3800516	0.47	cps
Chromium	52-2	270826	272698	271705	271743	0.34	cps
Cobalt	59-2	447095	446349	448606	447350	0.26	cps
Copper	63-2	660973	653516	652721	655736	0.69	cps
Dysprosium	156-1	108	125	50	94	41.70	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	17	50	23	30	58.79	cps
Gadolinium	160-1	183	150	142	158	13.93	cps
Gadolinium	160-2	87	57	53	66	28.01	cps
Holmium	165-1	20511213	20395472	20285778	20397488	0.55	cps
Holmium	165-2	10013772	10068580	10037022	10039791	0.27	cps
Indium	115-1	16130540	16202774	16014396	16115903	0.59	cps
Indium	115-2	3159904	3195785	3185792	3180494	0.58	cps
Iron	56-2	11180885	11179736	11163373	11174665	0.09	cps
Iron	57-2	274925	275297	274580	274934	0.13	cps
Lead	206-1	704493	704880	692582	700652	1.00	cps
Lead	207-1	637879	637072	636733	637228	0.09	cps
Lead	208-1	2883866	2870410	2855842	2870039	0.49	cps
Lithium	6-1	1750872	1765212	1755145	1757076	0.42	cps
Magnesium	24-2	1952755	1957276	1947249	1952427	0.26	cps
Manganese	55-2	305069	302757	303428	303752	0.39	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:38:25	DataFile Name :	005CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	743682	739854	737699	740412	0.41	cps
Molybdenum	95-1	394108	393855	389125	392363	0.72	cps
Molybdenum	96-1	509354	513525	495482	506120	1.87	cps
Molybdenum	97-1	249313	248379	242372	246688	1.53	cps
Molybdenum	98-1	637410	640452	630598	636153	0.79	cps
Neodymium	150-1	73	107	67	82	26.06	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	121102	119852	119425	120126	0.73	cps
Phosphorus	31-2	8603	9353	8736	8897	4.50	cps
Potassium	39-2	1020269	1020826	1015407	1018834	0.29	cps
Rhodium	103-1	14876905	15043158	14903614	14941226	0.60	cps
Rhodium	103-2	7154666	7234737	7176612	7188672	0.58	cps
Scandium	45-1	9680402	9670355	9599497	9650085	0.46	cps
Scandium	45-2	472437	473997	470906	472447	0.33	cps
Selenium	77-2	657	560	620	612	7.97	cps
Selenium	78-2	2178	2211	2280	2223	2.34	cps
Selenium	82-1	12716	12936	12740	12797	0.94	cps
Silicon	28-1	1060127	1052288	1042749	1051721	0.83	cps
Silver	109-1	1022926	1032298	1026316	1027180	0.46	cps
Silver	107-1	1073816	1079002	1058464	1070427	1.00	cps
Sodium	23-2	3765381	3768631	3754457	3762823	0.20	cps
Strontium	86-1	263888	265283	262525	263898	0.52	cps
Strontium	88-1	2240466	2256983	2211222	2236224	1.04	cps
Sulfur	34-1	819437	817591	815494	817507	0.24	cps
Terbium	159-1	21021528	21259361	21098642	21126510	0.57	cps
Terbium	159-2	10040990	10094129	10076827	10070648	0.27	cps
Thallium	203-1	871156	869758	853836	864917	1.11	cps
Thallium	205-1	2079219	2081737	2051335	2070764	0.81	cps
Tin	118-1	678243	686662	682923	682609	0.62	cps
Titanium	47-1	115448	116422	112443	114771	1.81	cps
Uranium	238-1	2985737	2989524	2964896	2980053	0.45	cps
Vanadium	51-2	219037	219970	218327	219111	0.38	cps
Yttrium	89-1	16102524	16284791	15976446	16121254	0.96	cps
Yttrium	89-2	2451793	2434887	2447696	2444792	0.36	cps
Zinc	66-2	92759	91548	91511	91939	0.77	cps
Zirconium	90-1	1413102	1422298	1398834	1411411	0.84	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:38:25	DataFile Name :	005CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	314914	318525	309617	314352	1.43	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:42:30	DataFile Name :	006CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389719	390196	392414	390776	0.37	cps
Antimony	121-1	2039780	2031829	2014743	2028784	0.63	cps
Arsenic	75-2	77179	78218	77827	77741	0.67	cps
Barium	135-1	2475828	2508664	2504881	2496457	0.72	cps
Barium	137-1	4320940	4377511	4352760	4350404	0.65	cps
Beryllium	9-1	333477	337216	341165	337286	1.14	cps
Bismuth	209-1	13511323	13641897	13709021	13620747	0.74	cps
Bismuth	209-2	7871585	7861241	7876669	7869832	0.10	cps
Boron	10-1	47049	48805	48128	47994	1.84	cps
Boron	11-1	236311	241769	244502	240861	1.73	cps
Cadmium	111-1	538243	544971	551014	544743	1.17	cps
Cadmium	106-1	66063	66448	65870	66127	0.45	cps
Cadmium	108-1	40274	39998	40036	40103	0.37	cps
Calcium	43-1	564781	582195	575041	574006	1.52	cps
Calcium	44-1	9179370	9360615	9335449	9291811	1.06	cps
Chromium	52-2	671264	671125	671964	671451	0.07	cps
Cobalt	59-2	1100846	1107350	1100021	1102739	0.36	cps
Copper	63-2	1594063	1608188	1594043	1598765	0.51	cps
Dysprosium	156-1	167	50	192	136	55.56	cps
Dysprosium	156-2	23	27	20	23	14.29	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	33	30	30	31	6.18	cps
Gadolinium	160-1	150	167	217	178	19.52	cps
Gadolinium	160-2	83	70	63	72	14.11	cps
Holmium	165-1	19821849	20157170	20055344	20011454	0.86	cps
Holmium	165-2	9976054	9912836	9920251	9936380	0.35	cps
Indium	115-1	15705735	15928394	16041298	15891809	1.07	cps
Indium	115-2	3120570	3130069	3140342	3130327	0.32	cps
Iron	56-2	27746269	27773775	27715008	27745018	0.11	cps
Iron	57-2	677019	683476	682837	681111	0.52	cps
Lead	206-1	1716345	1723964	1746777	1729029	0.92	cps
Lead	207-1	1559649	1571335	1582043	1571009	0.71	cps
Lead	208-1	7033422	7099192	7144699	7092438	0.79	cps
Lithium	6-1	1710922	1726446	1749874	1729081	1.13	cps
Magnesium	24-2	4796874	4807197	4807047	4803706	0.12	cps
Manganese	55-2	743136	748892	747645	746558	0.41	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:42:30	DataFile Name :	006CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1841332	1870093	1852732	1854719	0.78	cps
Molybdenum	95-1	984790	995215	982643	987549	0.68	cps
Molybdenum	96-1	1267677	1289296	1265680	1274218	1.03	cps
Molybdenum	97-1	613676	627682	620715	620691	1.13	cps
Molybdenum	98-1	1582688	1603580	1599513	1595260	0.69	cps
Neodymium	150-1	173	147	187	169	12.06	cps
Neodymium	150-2	23	20	30	24	20.83	cps
Nickel	60-2	291164	293227	293542	292644	0.44	cps
Phosphorus	31-2	21850	22384	22234	22156	1.24	cps
Potassium	39-2	2431716	2443987	2430352	2435352	0.31	cps
Rhodium	103-1	14493452	14731108	14638928	14621163	0.82	cps
Rhodium	103-2	7001316	6992396	6993433	6995715	0.07	cps
Scandium	45-1	9452585	9618775	9397437	9489599	1.21	cps
Scandium	45-2	466584	466400	463845	465610	0.33	cps
Selenium	77-2	1583	1617	1457	1552	5.44	cps
Selenium	78-2	5208	5277	5331	5272	1.16	cps
Selenium	82-1	31983	32602	32085	32224	1.03	cps
Silicon	28-1	1815204	1830029	1822780	1822671	0.41	cps
Silver	109-1	2511379	2550349	2558631	2540120	0.99	cps
Silver	107-1	2633384	2655894	2648834	2646037	0.44	cps
Sodium	23-2	9253352	9280698	9262819	9265623	0.15	cps
Strontium	86-1	638373	650183	646641	645066	0.94	cps
Strontium	88-1	5568807	5532521	5557266	5552865	0.33	cps
Sulfur	34-1	904486	913253	912441	910060	0.53	cps
Terbium	159-1	20780223	21022527	20673517	20825422	0.86	cps
Terbium	159-2	10012489	9988628	10013322	10004813	0.14	cps
Thallium	203-1	2124865	2149857	2155827	2143517	0.77	cps
Thallium	205-1	5110848	5170677	5217731	5166419	1.04	cps
Tin	118-1	1691735	1690049	1708434	1696740	0.60	cps
Titanium	47-1	278890	286006	282847	282581	1.26	cps
Uranium	238-1	7341581	7403660	7531937	7425726	1.31	cps
Vanadium	51-2	543638	544981	544949	544523	0.14	cps
Yttrium	89-1	15753997	15884586	15840972	15826518	0.42	cps
Yttrium	89-2	2394969	2409883	2426274	2410375	0.65	cps
Zinc	66-2	227645	226426	227392	227154	0.28	cps
Zirconium	90-1	3503574	3538318	3555374	3532422	0.75	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:42:30	DataFile Name :	006CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	774218	791954	787385	784519	1.17	cps

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:46:11	DataFile Name :	007CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	753361	754834	750836	753010	0.27	cps
Antimony	121-1	4266748	4200860	4197368	4221658	0.93	cps
Arsenic	75-2	152387	152216	150609	151737	0.65	cps
Barium	135-1	5045675	5010479	5058199	5038118	0.49	cps
Barium	137-1	8752167	8608030	8699632	8686610	0.84	cps
Beryllium	9-1	684680	670312	677150	677381	1.06	cps
Bismuth	209-1	13875565	13756109	13883808	13838494	0.52	cps
Bismuth	209-2	7632852	7682075	7661270	7658732	0.32	cps
Boron	10-1	94183	94804	95275	94754	0.58	cps
Boron	11-1	477538	479314	488472	481775	1.22	cps
Cadmium	111-1	1086676	1079125	1085014	1083605	0.37	cps
Cadmium	106-1	125662	124603	125486	125250	0.45	cps
Cadmium	108-1	81860	78898	81189	80649	1.93	cps
Calcium	43-1	1149177	1145531	1164864	1153190	0.89	cps
Calcium	44-1	18464973	18458078	18576046	18499699	0.36	cps
Chromium	52-2	1305231	1306482	1295292	1302335	0.47	cps
Cobalt	59-2	2130928	2134611	2124061	2129867	0.25	cps
Copper	63-2	3091014	3090962	3064845	3082274	0.49	cps
Dysprosium	156-1	175	225	183	194	13.78	cps
Dysprosium	156-2	37	37	40	38	5.09	cps
Erbium	164-1	125	83	75	94	28.37	cps
Erbium	164-2	40	40	23	34	27.94	cps
Gadolinium	160-1	208	217	200	208	4.00	cps
Gadolinium	160-2	63	57	67	62	8.18	cps
Holmium	165-1	20359977	20179550	20604956	20381494	1.05	cps
Holmium	165-2	9878124	9849528	9867161	9864938	0.15	cps
Indium	115-1	16034687	15868218	16097050	15999985	0.74	cps
Indium	115-2	3034221	3066898	3035461	3045527	0.61	cps
Iron	56-2	53836194	54237304	53165562	53746354	1.01	cps
Iron	57-2	1321370	1322413	1307286	1317023	0.64	cps
Lead	206-1	3510713	3462916	3518238	3497289	0.86	cps
Lead	207-1	3192470	3159460	3201976	3184636	0.70	cps
Lead	208-1	14259448	14206309	14308131	14257963	0.36	cps
Lithium	6-1	1749057	1745755	1767580	1754131	0.67	cps
Magnesium	24-2	9205819	9245832	9158867	9203506	0.47	cps
Manganese	55-2	1451484	1456829	1443908	1450741	0.45	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:46:11	DataFile Name :	007CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3780266	3730778	3749100	3753381	0.67	cps
Molybdenum	95-1	2000164	1983521	2000302	1994662	0.48	cps
Molybdenum	96-1	2570123	2560808	2606992	2579308	0.95	cps
Molybdenum	97-1	1253023	1254098	1254534	1253885	0.06	cps
Molybdenum	98-1	3251306	3211367	3238162	3233612	0.63	cps
Neodymium	150-1	380	353	267	333	17.78	cps
Neodymium	150-2	33	40	20	31	32.73	cps
Nickel	60-2	569237	572971	564793	569000	0.72	cps
Phosphorus	31-2	41968	42729	43055	42584	1.31	cps
Potassium	39-2	4665392	4687462	4661307	4671387	0.30	cps
Rhodium	103-1	14643794	14540350	14493939	14559361	0.53	cps
Rhodium	103-2	6890219	6925046	6756945	6857403	1.29	cps
Scandium	45-1	9562009	9361149	9596200	9506453	1.34	cps
Scandium	45-2	455065	455726	452105	454298	0.42	cps
Selenium	77-2	3104	3084	2977	3055	2.23	cps
Selenium	78-2	10346	10319	10206	10290	0.72	cps
Selenium	82-1	65014	64723	65831	65189	0.88	cps
Silicon	28-1	3118037	3106258	3143207	3122501	0.60	cps
Silver	109-1	5083307	5032085	5118474	5077955	0.86	cps
Silver	107-1	5318439	5242586	5329691	5296905	0.89	cps
Sodium	23-2	17714609	17841958	17812365	17789644	0.37	cps
Strontium	86-1	1311629	1285959	1299759	1299116	0.99	cps
Strontium	88-1	11296882	11148886	11277202	11240990	0.71	cps
Sulfur	34-1	1091940	1089813	1088722	1090158	0.15	cps
Terbium	159-1	21097488	20904570	21142846	21048301	0.60	cps
Terbium	159-2	9793985	9753510	9852984	9800160	0.51	cps
Thallium	203-1	4353795	4304035	4413324	4357051	1.26	cps
Thallium	205-1	10386307	10179719	10422359	10329461	1.27	cps
Tin	118-1	3437984	3423164	3446450	3435866	0.34	cps
Titanium	47-1	566671	560843	569799	565771	0.80	cps
Uranium	238-1	15011409	15055809	15207195	15091471	0.68	cps
Vanadium	51-2	1057296	1066179	1052647	1058707	0.65	cps
Yttrium	89-1	16170006	15866267	16265355	16100543	1.29	cps
Yttrium	89-2	2364527	2383417	2343915	2363953	0.84	cps
Zinc	66-2	444194	440495	436970	440553	0.82	cps
Zirconium	90-1	7142131	7047753	7117589	7102491	0.69	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:46:11	DataFile Name :	007CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1582564	1572028	1580212	1578268	0.35	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:49:47	DataFile Name :	008CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1487066	1490522	1499711	1492433	0.44	cps
Antimony	121-1	8717572	8604655	8530387	8617538	1.09	cps
Arsenic	75-2	303464	303378	304141	303661	0.14	cps
Barium	135-1	10138657	9984252	9998603	10040504	0.85	cps
Barium	137-1	17470281	17412420	17394249	17425650	0.23	cps
Beryllium	9-1	1339313	1325432	1321361	1328702	0.71	cps
Bismuth	209-1	13733603	13583410	13595461	13637491	0.61	cps
Bismuth	209-2	7745618	7647866	7689993	7694493	0.64	cps
Boron	10-1	189734	184950	187574	187420	1.28	cps
Boron	11-1	954550	951578	954713	953614	0.19	cps
Cadmium	111-1	2146443	2143351	2143878	2144557	0.08	cps
Cadmium	106-1	243365	245180	242821	243789	0.51	cps
Cadmium	108-1	159220	157568	159001	158597	0.57	cps
Calcium	43-1	2295681	2280063	2302798	2292847	0.51	cps
Calcium	44-1	37291877	37000564	37021936	37104792	0.44	cps
Chromium	52-2	2581017	2599152	2607431	2595867	0.52	cps
Cobalt	59-2	4253341	4216444	4231148	4233644	0.44	cps
Copper	63-2	6175517	6126092	6060406	6120672	0.94	cps
Dysprosium	156-1	292	242	200	244	18.78	cps
Dysprosium	156-2	70	70	87	76	12.74	cps
Erbium	164-1	150	125	100	125	20.00	cps
Erbium	164-2	60	37	53	50	24.03	cps
Gadolinium	160-1	283	317	175	258	28.67	cps
Gadolinium	160-2	100	100	73	91	16.90	cps
Holmium	165-1	20378744	20474142	20430844	20427910	0.23	cps
Holmium	165-2	10077588	9940088	9974483	9997386	0.72	cps
Indium	115-1	15789093	15838971	15784824	15804296	0.19	cps
Indium	115-2	3013882	3014645	3050302	3026276	0.69	cps
Iron	56-2	107111452	107043952	107765769	107307058	0.37	cps
Iron	57-2	2632572	2644701	2642655	2639976	0.25	cps
Lead	206-1	7113418	7093227	7125815	7110820	0.23	cps
Lead	207-1	6345500	6310731	6342904	6333045	0.31	cps
Lead	208-1	28520361	28459769	28564802	28514977	0.18	cps
Lithium	6-1	1739378	1729471	1725408	1731419	0.42	cps
Magnesium	24-2	18448595	18336436	18421044	18402025	0.32	cps
Manganese	55-2	2886278	2907524	2915118	2902973	0.51	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:49:47	DataFile Name :	008CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7568397	7617850	7659677	7615308	0.60	cps
Molybdenum	95-1	3997243	3992931	4008814	3999663	0.21	cps
Molybdenum	96-1	5157807	5147835	5145338	5150327	0.13	cps
Molybdenum	97-1	2500887	2497281	2498631	2498933	0.07	cps
Molybdenum	98-1	6573495	6544485	6490714	6536231	0.64	cps
Neodymium	150-1	700	733	720	718	2.34	cps
Neodymium	150-2	67	60	83	70	17.17	cps
Nickel	60-2	1115684	1113626	1117408	1115573	0.17	cps
Phosphorus	31-2	83970	84348	85210	84509	0.75	cps
Potassium	39-2	9219085	9135098	9250223	9201469	0.65	cps
Rhodium	103-1	14487903	14478317	14431078	14465766	0.21	cps
Rhodium	103-2	6783252	6800128	6825281	6802887	0.31	cps
Scandium	45-1	9521429	9491520	9427576	9480175	0.51	cps
Scandium	45-2	457358	453759	462261	457793	0.93	cps
Selenium	77-2	6091	5945	6068	6035	1.31	cps
Selenium	78-2	20416	20832	20958	20735	1.37	cps
Selenium	82-1	130125	128226	129407	129253	0.74	cps
Silicon	28-1	4379278	4364606	4387539	4377141	0.27	cps
Silver	109-1	10150112	9975198	10115432	10080247	0.92	cps
Silver	107-1	10543281	10589252	10510662	10547732	0.37	cps
Sodium	23-2	35770785	35405642	35733641	35636690	0.56	cps
Strontium	86-1	2583128	2559874	2589512	2577505	0.61	cps
Strontium	88-1	22217037	22098200	22286987	22200742	0.43	cps
Sulfur	34-1	1474807	1458383	1457325	1463505	0.67	cps
Terbium	159-1	21163151	21205502	21247378	21205344	0.20	cps
Terbium	159-2	9966942	9929663	9934157	9943587	0.20	cps
Thallium	203-1	8707312	8677106	8661357	8681925	0.27	cps
Thallium	205-1	20660939	20546156	20623393	20610163	0.28	cps
Tin	118-1	6959084	6963268	6986505	6969619	0.21	cps
Titanium	47-1	1133892	1127751	1133051	1131565	0.29	cps
Uranium	238-1	30244876	30402419	30333285	30326860	0.26	cps
Vanadium	51-2	2120125	2122211	2136252	2126196	0.41	cps
Yttrium	89-1	15984068	15906527	16104442	15998346	0.62	cps
Yttrium	89-2	2365233	2360020	2380891	2368714	0.46	cps
Zinc	66-2	870288	877032	876983	874768	0.44	cps
Zirconium	90-1	14232066	14279798	14359854	14290573	0.45	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:49:47	DataFile Name :	008CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3155353	3172216	3169622	3165730	0.29	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:53:17	DataFile Name :	009CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3026411	3000218	2967595	2998074	0.98	cps
Antimony	121-1	16878043	16836462	16767431	16827312	0.33	cps
Arsenic	75-2	613848	609724	609045	610872	0.43	cps
Barium	135-1	19604096	19499454	19659212	19587587	0.41	cps
Barium	137-1	34129500	33987918	34393213	34170210	0.60	cps
Beryllium	9-1	2556420	2528598	2561398	2548806	0.69	cps
Bismuth	209-1	13163505	12928769	13245420	13112565	1.25	cps
Bismuth	209-2	7617792	7475045	7413117	7501985	1.40	cps
Boron	10-1	363536	363150	364744	363810	0.23	cps
Boron	11-1	1821587	1823596	1861356	1835513	1.22	cps
Cadmium	111-1	4126960	4107254	4158331	4130848	0.62	cps
Cadmium	106-1	464887	459004	465631	463174	0.78	cps
Cadmium	108-1	307994	304534	309175	307234	0.79	cps
Calcium	43-1	4495637	4472731	4620933	4529767	1.76	cps
Calcium	44-1	72745077	71965222	72902118	72537472	0.69	cps
Chromium	52-2	5290153	5218644	5154888	5221229	1.30	cps
Cobalt	59-2	8352047	8373826	8233758	8319877	0.91	cps
Copper	63-2	12107875	11934677	12120279	12054277	0.86	cps
Dysprosium	156-1	375	250	458	361	29.04	cps
Dysprosium	156-2	127	127	107	120	9.62	cps
Erbium	164-1	117	83	67	89	28.64	cps
Erbium	164-2	47	43	53	48	10.66	cps
Gadolinium	160-1	275	317	292	294	7.12	cps
Gadolinium	160-2	143	137	143	141	2.73	cps
Holmium	165-1	19864606	20052744	20168259	20028536	0.77	cps
Holmium	165-2	9824209	9937680	9792934	9851608	0.77	cps
Indium	115-1	15215555	15311935	15501674	15343055	0.95	cps
Indium	115-2	2970730	2979260	2972506	2974165	0.15	cps
Iron	56-2	215914183	212377644	214431521	214241116	0.83	cps
Iron	57-2	5313453	5278483	5252363	5281433	0.58	cps
Lead	206-1	13645599	13637184	13719785	13667523	0.33	cps
Lead	207-1	12386869	12426872	12531338	12448360	0.60	cps
Lead	208-1	55250825	55093361	55577778	55307321	0.45	cps
Lithium	6-1	1644762	1636497	1661390	1647549	0.77	cps
Magnesium	24-2	37101111	36556325	36305570	36654335	1.11	cps
Manganese	55-2	5844956	5797736	5761979	5801557	0.72	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:53:17	DataFile Name :	009CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14737003	14867677	14885065	14829915	0.55	cps
Molybdenum	95-1	7887187	7825810	7846879	7853292	0.40	cps
Molybdenum	96-1	10386843	10314238	10344881	10348654	0.35	cps
Molybdenum	97-1	4879962	4870056	4898972	4882997	0.30	cps
Molybdenum	98-1	12794434	12869263	12930086	12864594	0.53	cps
Neodymium	150-1	1313	1260	1127	1233	7.80	cps
Neodymium	150-2	127	123	120	123	2.70	cps
Nickel	60-2	2201761	2183276	2193756	2192931	0.42	cps
Phosphorus	31-2	171821	169627	167091	169513	1.40	cps
Potassium	39-2	18642458	18435569	18276317	18451448	0.99	cps
Rhodium	103-1	13698440	13840603	13986328	13841791	1.04	cps
Rhodium	103-2	6728395	6687187	6680262	6698615	0.39	cps
Scandium	45-1	9333485	9258278	9455528	9349097	1.06	cps
Scandium	45-2	460500	460507	456749	459252	0.47	cps
Selenium	77-2	12385	12152	12469	12335	1.33	cps
Selenium	78-2	41403	41418	40716	41179	0.97	cps
Selenium	82-1	250435	249087	252873	250798	0.77	cps
Silicon	28-1	7913455	7938121	7949073	7933549	0.23	cps
Silver	109-1	19614855	19393759	19706757	19571790	0.82	cps
Silver	107-1	20274317	20206974	20499341	20326877	0.75	cps
Sodium	23-2	72287543	70934633	70596414	71272863	1.26	cps
Strontium	86-1	5009461	4999101	5073357	5027306	0.80	cps
Strontium	88-1	43468244	42843905	43885741	43399296	1.21	cps
Sulfur	34-1	2207767	2215711	2231180	2218219	0.54	cps
Terbium	159-1	20639609	20435229	20805021	20626620	0.90	cps
Terbium	159-2	9984577	9934690	9825282	9914850	0.82	cps
Thallium	203-1	16575932	16790375	16987649	16784652	1.23	cps
Thallium	205-1	39342489	39119213	40091279	39517661	1.29	cps
Tin	118-1	13591290	13636266	13596479	13608012	0.18	cps
Titanium	47-1	2197491	2202348	2235633	2211824	0.94	cps
Uranium	238-1	58865795	58428253	59455976	58916675	0.88	cps
Vanadium	51-2	4312717	4284720	4266281	4287906	0.55	cps
Yttrium	89-1	15660778	15594357	15884480	15713205	0.97	cps
Yttrium	89-2	2381772	2384710	2379639	2382040	0.11	cps
Zinc	66-2	1719243	1715598	1713148	1715996	0.18	cps
Zirconium	90-1	27754616	27788187	27854186	27798996	0.18	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:53:17	DataFile Name :	009CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6283697	6262210	6334359	6293422	0.59	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:56:46	DataFile Name :	010CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16043162	16190259	16318131	16183851	0.85	cps
Antimony	121-1	74389	81236	86332	80652	7.43	cps
Arsenic	75-2	783	817	954	851	10.61	cps
Barium	135-1	7377	7686	7219	7427	3.20	cps
Barium	137-1	13832	13098	11780	12904	8.06	cps
Beryllium	9-1	667	444	578	563	19.87	cps
Bismuth	209-1	11686500	11676144	11623713	11662119	0.29	cps
Bismuth	209-2	6612236	6645892	6669683	6642604	0.43	cps
Boron	10-1	8011	7502	7069	7527	6.26	cps
Boron	11-1	40814	39570	36445	38943	5.78	cps
Cadmium	111-1	5101	4701	4531	4778	6.12	cps
Cadmium	106-1	6418	5843	5710	5990	6.29	cps
Cadmium	108-1	83	79	129	97	28.53	cps
Calcium	43-1	22595003	22708582	22585983	22629856	0.30	cps
Calcium	44-1	363739758	364513833	363159425	363804339	0.19	cps
Chromium	52-2	117319	117218	117819	117452	0.27	cps
Cobalt	59-2	11448	11895	11855	11733	2.11	cps
Copper	63-2	24805	25052	25008	24955	0.53	cps
Dysprosium	156-1	350	300	317	322	7.90	cps
Dysprosium	156-2	107	83	97	96	12.25	cps
Erbium	164-1	117	200	233	183	32.78	cps
Erbium	164-2	93	70	57	73	25.31	cps
Gadolinium	160-1	417	350	342	369	11.13	cps
Gadolinium	160-2	147	163	157	156	5.39	cps
Holmium	165-1	19145983	18868874	18559908	18858255	1.55	cps
Holmium	165-2	9476225	9389587	9516474	9460762	0.69	cps
Indium	115-1	14417759	14563306	14367624	14449563	0.70	cps
Indium	115-2	2882258	2900159	2911327	2897914	0.51	cps
Iron	56-2	1069526135	1077044846	1089952335	1078841106	0.96	cps
Iron	57-2	26529217	26669022	26984132	26727457	0.87	cps
Lead	206-1	28052	27935	26906	27631	2.28	cps
Lead	207-1	24106	23738	23527	23790	1.23	cps
Lead	208-1	110302	109561	109096	109653	0.55	cps
Lithium	6-1	1544125	1541561	1521283	1535656	0.81	cps
Magnesium	24-2	187397992	187856875	189838821	188364563	0.69	cps
Manganese	55-2	20478	21149	21439	21022	2.35	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:56:46	DataFile Name :	010CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23670	24372	26050	24697	4.95	cps
Molybdenum	95-1	37216	39414	42573	39734	6.78	cps
Molybdenum	96-1	44612	47915	51570	48032	7.25	cps
Molybdenum	97-1	22828	23478	25198	23835	5.14	cps
Molybdenum	98-1	58496	62128	67678	62767	7.37	cps
Neodymium	150-1	273	307	200	260	20.99	cps
Neodymium	150-2	110	110	107	109	1.77	cps
Nickel	60-2	30255	30114	30468	30279	0.59	cps
Phosphorus	31-2	383	308	400	364	13.42	cps
Potassium	39-2	96150604	96836661	97027583	96671616	0.48	cps
Rhodium	103-1	12660152	12593253	12560570	12604658	0.40	cps
Rhodium	103-2	6116947	6152240	6149962	6139716	0.32	cps
Scandium	45-1	9140830	9085872	9101015	9109239	0.31	cps
Scandium	45-2	463897	465989	468486	466124	0.49	cps
Selenium	77-2	17	27	23	22	22.91	cps
Selenium	78-2	185	213	183	194	8.56	cps
Selenium	82-1	139	241	410	263	52.01	cps
Silicon	28-1	741102	749769	755502	748791	0.97	cps
Silver	109-1	2567	2659	2567	2598	2.04	cps
Silver	107-1	2917	2609	2525	2684	7.69	cps
Sodium	23-2	358544483	359991525	361865600	360133869	0.46	cps
Strontium	86-1	167086	165307	163320	165238	1.14	cps
Strontium	88-1	1386110	1381637	1374859	1380869	0.41	cps
Sulfur	34-1	672508	671489	669950	671316	0.19	cps
Terbium	159-1	19568215	19483844	19444966	19499008	0.32	cps
Terbium	159-2	9329642	9416142	9469115	9404966	0.75	cps
Thallium	203-1	6627	6485	5902	6338	6.07	cps
Thallium	205-1	15977	15368	13683	15009	7.92	cps
Tin	118-1	12890	14250	15626	14255	9.60	cps
Titanium	47-1	8801	2805	2084	4563	80.82	cps
Uranium	238-1	11305	10471	10513	10763	4.37	cps
Vanadium	51-2	1853	1840	1823	1839	0.82	cps
Yttrium	89-1	14912239	14972261	14766107	14883535	0.71	cps
Yttrium	89-2	2335321	2318633	2331702	2328552	0.38	cps
Zinc	66-2	20421	20845	20381	20549	1.25	cps
Zirconium	90-1	5735	5676	6335	5915	6.16	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 09:56:46	DataFile Name :	010CALS_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1517	1325	1275	1372	9.30	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:35:18	DataFile Name :	012ICV01_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78113	80978	79184	79425	1.82	cps
Antimony	121-1	3201744	3156368	3133704	3163938	1.10	cps
Arsenic	75-2	120531	121007	120079	120539	0.39	cps
Barium	135-1	392192	387480	389676	389783	0.60	cps
Barium	137-1	681201	674564	668840	674868	0.92	cps
Beryllium	9-1	261754	256939	259307	259333	0.93	cps
Bismuth	209-1	13635129	13501667	13584208	13573668	0.50	cps
Bismuth	209-2	7890760	7931059	7990011	7937277	0.63	cps
Boron	10-1	176442	175169	177397	176336	0.63	cps
Boron	11-1	882098	880235	885144	882492	0.28	cps
Cadmium	111-1	437288	427441	433835	432855	1.15	cps
Cadmium	106-1	86748	82633	83940	84440	2.49	cps
Cadmium	108-1	44039	43822	44411	44091	0.68	cps
Calcium	43-1	103226	100934	101867	102009	1.13	cps
Calcium	44-1	1596362	1578287	1581997	1585548	0.60	cps
Chromium	52-2	514134	516899	509242	513425	0.76	cps
Cobalt	59-2	862194	868242	860019	863485	0.49	cps
Copper	63-2	631407	632719	634310	632812	0.23	cps
Dysprosium	156-1	50	33	58	47	26.97	cps
Dysprosium	156-2	13	33	13	20	57.74	cps
Erbium	164-1	175	167	183	175	4.76	cps
Erbium	164-2	93	83	83	87	6.66	cps
Gadolinium	160-1	158	200	133	164	20.55	cps
Gadolinium	160-2	90	90	83	88	4.39	cps
Holmium	165-1	19464834	19682085	19756926	19634615	0.77	cps
Holmium	165-2	9814692	9869614	9974019	9886108	0.82	cps
Indium	115-1	15818451	15809397	15986296	15871381	0.63	cps
Indium	115-2	3095915	3126125	3099121	3107054	0.53	cps
Iron	56-2	4366027	4417897	4367209	4383711	0.68	cps
Iron	57-2	107664	109376	107547	108196	0.95	cps
Lead	206-1	2749526	2691171	2718582	2719760	1.07	cps
Lead	207-1	2395321	2332169	2359410	2362300	1.34	cps
Lead	208-1	11013412	10793372	10955214	10920666	1.04	cps
Lithium	6-1	1751505	1720233	1721315	1731018	1.03	cps
Magnesium	24-2	459684	462239	462216	461379	0.32	cps
Manganese	55-2	294604	295912	292799	294438	0.53	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:35:18	DataFile Name :	012ICV01_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6553678	6572756	6464152	6530195	0.89	cps
Molybdenum	95-1	3558102	3520272	3527079	3535151	0.57	cps
Molybdenum	96-1	4574262	4513882	4537570	4541905	0.67	cps
Molybdenum	97-1	2213248	2188808	2200887	2200981	0.56	cps
Molybdenum	98-1	5811321	5787913	5758547	5785927	0.46	cps
Neodymium	150-1	27	67	40	44	45.82	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	229758	231894	231247	230966	0.47	cps
Phosphorus	31-2	283	317	300	300	5.55	cps
Potassium	39-2	813956	818683	810707	814448	0.49	cps
Rhodium	103-1	14572308	14648442	14610614	14610455	0.26	cps
Rhodium	103-2	7175616	7119002	7107572	7134063	0.51	cps
Scandium	45-1	9696096	9574061	9556821	9608993	0.79	cps
Scandium	45-2	475436	476199	473953	475196	0.24	cps
Selenium	77-2	2387	2627	2467	2494	4.90	cps
Selenium	78-2	8308	8304	8260	8291	0.32	cps
Selenium	82-1	50118	50706	51162	50662	1.03	cps
Silicon	28-1	4047236	4034886	4027852	4036658	0.24	cps
Silver	109-1	1955563	1942213	1954469	1950748	0.38	cps
Silver	107-1	2049795	2037647	2050233	2045892	0.35	cps
Sodium	23-2	1485688	1499946	1485963	1490532	0.55	cps
Strontium	86-1	2330760	2307221	2310361	2316114	0.55	cps
Strontium	88-1	20181428	19841287	19934088	19985601	0.88	cps
Sulfur	34-1	745052	741892	747351	744765	0.37	cps
Terbium	159-1	20859122	20518379	20867001	20748167	0.96	cps
Terbium	159-2	9899819	10028837	9987973	9972210	0.66	cps
Thallium	203-1	3363741	3352398	3356786	3357641	0.17	cps
Thallium	205-1	8098378	7968532	8083764	8050225	0.88	cps
Tin	118-1	6266661	6203036	6226322	6232006	0.52	cps
Titanium	47-1	1020279	1005519	1011434	1012411	0.73	cps
Uranium	238-1	26136686	25781134	26044566	25987462	0.71	cps
Vanadium	51-2	418918	421408	421239	420521	0.33	cps
Yttrium	89-1	15884277	15621222	15936524	15814008	1.07	cps
Yttrium	89-2	2417816	2436843	2411894	2422184	0.54	cps
Zinc	66-2	179269	183161	179441	180623	1.22	cps
Zirconium	90-1	12174729	12117760	12177134	12156541	0.28	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:35:18	DataFile Name :	012ICV01_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2736889	2727221	2701136	2721749	0.68	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:41:38	DataFile Name :	013CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	33	142	81	68.88	cps
Antimony	121-1	11055	14041	18079	14392	24.49	cps
Arsenic	75-2	96	106	122	108	12.16	cps
Barium	135-1	100	75	42	72	40.52	cps
Barium	137-1	142	125	133	133	6.25	cps
Beryllium	9-1	239	83	167	163	47.77	cps
Bismuth	209-1	13825321	13819817	13706367	13783835	0.49	cps
Bismuth	209-2	7821252	7793217	7824439	7812969	0.22	cps
Boron	10-1	2284	1992	2542	2273	12.11	cps
Boron	11-1	10796	11513	10446	10918	4.98	cps
Cadmium	111-1	3740	4051	3658	3816	5.43	cps
Cadmium	106-1	5310	5785	5176	5424	5.90	cps
Cadmium	108-1	8	33	4	15	103.25	cps
Calcium	43-1	425	358	458	414	12.30	cps
Calcium	44-1	16085	15376	15767	15743	2.26	cps
Chromium	52-2	1687	1757	1603	1682	4.56	cps
Cobalt	59-2	210	153	200	188	16.11	cps
Copper	63-2	5988	5585	6005	5859	4.06	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	92	67	58	72	24.02	cps
Erbium	164-2	47	13	27	29	58.08	cps
Gadolinium	160-1	175	117	133	142	21.21	cps
Gadolinium	160-2	60	53	33	49	28.39	cps
Holmium	165-1	20128846	20235411	19774386	20046214	1.20	cps
Holmium	165-2	9715169	9882047	9676943	9758053	1.12	cps
Indium	115-1	16054888	16058097	15962303	16025096	0.34	cps
Indium	115-2	3107607	3102660	3094788	3101685	0.21	cps
Iron	56-2	7658	8041	7641	7780	2.91	cps
Iron	57-2	94	194	200	163	36.45	cps
Lead	206-1	3006	2917	2884	2936	2.15	cps
Lead	207-1	2367	2606	2534	2502	4.90	cps
Lead	208-1	11613	11914	11563	11697	1.62	cps
Lithium	6-1	1758731	1756584	1746193	1753836	0.38	cps
Magnesium	24-2	392	308	450	383	18.57	cps
Manganese	55-2	127	157	120	134	14.53	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:41:38	DataFile Name :	013CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1892	2284	2509	2228	14.01	cps
Molybdenum	95-1	1992	2409	3075	2492	21.93	cps
Molybdenum	96-1	2284	3159	3492	2978	20.96	cps
Molybdenum	97-1	1367	1700	2042	1703	19.82	cps
Molybdenum	98-1	3259	3684	5051	3998	23.42	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	427	533	460	473	11.53	cps
Phosphorus	31-2	358	342	292	331	10.49	cps
Potassium	39-2	53890	54903	55430	54741	1.43	cps
Rhodium	103-1	14874575	15125699	14653763	14884679	1.59	cps
Rhodium	103-2	7060692	7083687	7030530	7058303	0.38	cps
Scandium	45-1	9691714	9678577	9494842	9621711	1.14	cps
Scandium	45-2	463262	469485	467690	466812	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	87	106	86	23.77	cps
Selenium	82-1	-229	-117	162	-61	-329.10	cps
Silicon	28-1	519013	516460	514207	516560	0.47	cps
Silver	109-1	300	258	283	281	7.48	cps
Silver	107-1	250	300	292	281	9.55	cps
Sodium	23-2	39303	40004	40271	39860	1.25	cps
Strontium	86-1	6252	6352	6577	6393	2.61	cps
Strontium	88-1	592	575	608	592	2.82	cps
Sulfur	34-1	754042	749192	759097	754110	0.66	cps
Terbium	159-1	21013173	20683747	20558068	20751663	1.13	cps
Terbium	159-2	9928053	9744664	9852662	9841793	0.94	cps
Thallium	203-1	733	933	675	781	17.36	cps
Thallium	205-1	1717	1884	1617	1739	7.75	cps
Tin	118-1	2192	3050	3184	2809	19.17	cps
Titanium	47-1	200	275	258	244	16.11	cps
Uranium	238-1	458	442	375	425	10.38	cps
Vanadium	51-2	37	37	50	41	18.72	cps
Yttrium	89-1	15925847	15818164	15899406	15881139	0.35	cps
Yttrium	89-2	2375212	2382002	2393373	2383529	0.38	cps
Zinc	66-2	150	173	160	161	7.27	cps
Zirconium	90-1	1859	2334	2450	2214	14.16	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:41:38	DataFile Name :	013CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	408	383	389	4.46	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:45:08	DataFile Name :	014ICSA01_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14552855	14330622	14472082	14451853	0.78	cps
Antimony	121-1	24681	25015	26033	25243	2.79	cps
Arsenic	75-2	226	202	248	225	10.28	cps
Barium	135-1	5735	5518	6193	5815	5.93	cps
Barium	137-1	9796	9470	10463	9910	5.11	cps
Beryllium	9-1	767	933	672	791	16.72	cps
Bismuth	209-1	12755591	12916349	12920464	12864135	0.73	cps
Bismuth	209-2	7320062	7229535	7286615	7278737	0.63	cps
Boron	10-1	1892	1734	1917	1847	5.38	cps
Boron	11-1	9670	9887	8820	9459	5.96	cps
Cadmium	111-1	5867	6089	5976	5977	1.85	cps
Cadmium	106-1	5193	5735	5543	5490	5.00	cps
Cadmium	108-1	4718	4747	4668	4711	0.85	cps
Calcium	43-1	4425267	4376503	4389356	4397042	0.57	cps
Calcium	44-1	71195285	70715927	71815652	71242288	0.77	cps
Chromium	52-2	101107	99667	100254	100343	0.72	cps
Cobalt	59-2	9680	9827	9553	9687	1.41	cps
Copper	63-2	53160	53099	53789	53349	0.72	cps
Dysprosium	156-1	83	75	108	89	19.52	cps
Dysprosium	156-2	13	57	37	36	61.01	cps
Erbium	164-1	108	183	125	139	28.35	cps
Erbium	164-2	17	60	53	43	53.84	cps
Gadolinium	160-1	192	200	233	208	10.58	cps
Gadolinium	160-2	83	90	90	88	4.39	cps
Holmium	165-1	19876786	19963076	19860643	19900169	0.28	cps
Holmium	165-2	9832302	9627357	9769537	9743065	1.08	cps
Indium	115-1	15421806	15352244	15208087	15327379	0.71	cps
Indium	115-2	2956398	2941716	2951668	2949927	0.25	cps
Iron	56-2	422794154	414596465	416069065	417819895	1.05	cps
Iron	57-2	10433885	10245954	10330955	10336932	0.91	cps
Lead	206-1	61274	60303	62178	61252	1.53	cps
Lead	207-1	47307	48305	48232	47948	1.16	cps
Lead	208-1	232195	230287	232667	231717	0.54	cps
Lithium	6-1	1681226	1666352	1676583	1674720	0.45	cps
Magnesium	24-2	36116358	35759431	36142139	36005976	0.59	cps
Manganese	55-2	22578	22441	22441	22486	0.35	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:45:08	DataFile Name :	014ICSA01_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8636665	8617773	8576913	8610450	0.35	cps
Molybdenum	95-1	15223451	14901906	15029645	15051667	1.08	cps
Molybdenum	96-1	16373164	16248852	16217749	16279922	0.51	cps
Molybdenum	97-1	9384478	9393425	9477871	9418592	0.55	cps
Molybdenum	98-1	24629750	24424465	24312344	24455519	0.66	cps
Neodymium	150-1	80	93	67	80	16.67	cps
Neodymium	150-2	27	33	30	30	11.10	cps
Nickel	60-2	11905	12055	11858	11939	0.86	cps
Phosphorus	31-2	845935	840700	849205	845280	0.51	cps
Potassium	39-2	36354575	35878248	36087221	36106681	0.66	cps
Rhodium	103-1	13777048	13679361	13694590	13717000	0.38	cps
Rhodium	103-2	6666374	6498728	6548327	6571143	1.31	cps
Scandium	45-1	9346828	9354572	9380872	9360757	0.19	cps
Scandium	45-2	458654	454505	454943	456034	0.50	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	117	119	115	117	1.59	cps
Selenium	82-1	132	49	-112	23	534.00	cps
Silicon	28-1	726441	727984	722348	725591	0.40	cps
Silver	109-1	1659	1750	1792	1734	3.94	cps
Silver	107-1	1625	1859	1942	1809	9.08	cps
Sodium	23-2	69848462	69337456	69761474	69649131	0.39	cps
Strontium	86-1	173587	171268	173242	172699	0.72	cps
Strontium	88-1	1455958	1438171	1441849	1445326	0.65	cps
Sulfur	34-1	6003580	5914406	5982511	5966833	0.78	cps
Terbium	159-1	20758131	20638466	20542090	20646229	0.52	cps
Terbium	159-2	9803996	9699627	9791033	9764885	0.58	cps
Thallium	203-1	833	1150	1033	1006	15.93	cps
Thallium	205-1	2275	2159	1942	2125	7.96	cps
Tin	118-1	3576	3859	4134	3856	7.24	cps
Titanium	47-1	4295546	4291450	4308965	4298654	0.21	cps
Uranium	238-1	1233	1075	1217	1175	7.40	cps
Vanadium	51-2	667	663	727	686	5.20	cps
Yttrium	89-1	15656268	15563348	15716031	15645216	0.49	cps
Yttrium	89-2	2348387	2322562	2352351	2341100	0.69	cps
Zinc	66-2	9914	9797	9543	9751	1.94	cps
Zirconium	90-1	6218	6018	6535	6257	4.17	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:45:08	DataFile Name :	014ICSA01_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1525	1375	1542	1481	6.20	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:48:34	DataFile Name :	015ICSB_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14860202	14710821	14919948	14830323	0.73	cps
Antimony	121-1	338492	340334	338463	339096	0.32	cps
Arsenic	75-2	11892	11814	11909	11872	0.42	cps
Barium	135-1	83433	83216	83358	83336	0.13	cps
Barium	137-1	144498	144460	143788	144249	0.28	cps
Beryllium	9-1	53065	53048	51487	52534	1.72	cps
Bismuth	209-1	12882971	12936004	12712901	12843959	0.91	cps
Bismuth	209-2	7317312	7315753	7314692	7315919	0.02	cps
Boron	10-1	20473	19855	19981	20103	1.62	cps
Boron	11-1	102698	103234	101372	102435	0.94	cps
Cadmium	111-1	87605	87896	86914	87472	0.58	cps
Cadmium	106-1	16418	17211	16794	16808	2.36	cps
Cadmium	108-1	11380	11438	11801	11540	1.98	cps
Calcium	43-1	4478584	4496753	4478264	4484534	0.24	cps
Calcium	44-1	72932352	72537364	72432631	72634116	0.36	cps
Chromium	52-2	202394	201280	204739	202804	0.87	cps
Cobalt	59-2	175367	177361	177252	176660	0.63	cps
Copper	63-2	171072	174449	172392	172638	0.99	cps
Dysprosium	156-1	92	50	50	64	37.66	cps
Dysprosium	156-2	50	27	37	38	30.98	cps
Erbium	164-1	133	200	158	164	20.55	cps
Erbium	164-2	77	87	57	73	20.83	cps
Gadolinium	160-1	183	175	283	214	28.19	cps
Gadolinium	160-2	100	100	103	101	1.91	cps
Holmium	165-1	20236885	19910976	19887718	20011860	0.98	cps
Holmium	165-2	9901036	9782174	9867093	9850101	0.62	cps
Indium	115-1	15536145	15461251	15513831	15503742	0.25	cps
Indium	115-2	2972511	2998138	3025129	2998593	0.88	cps
Iron	56-2	424464987	421977532	425181432	423874650	0.40	cps
Iron	57-2	10408572	10453464	10497442	10453160	0.43	cps
Lead	206-1	329410	325986	325984	327126	0.60	cps
Lead	207-1	275432	271543	267066	271347	1.54	cps
Lead	208-1	1281435	1269507	1260084	1270342	0.84	cps
Lithium	6-1	1676176	1683546	1670577	1676766	0.39	cps
Magnesium	24-2	36905704	36234689	36944119	36694837	1.09	cps
Manganese	55-2	80358	79631	79356	79782	0.65	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:48:34	DataFile Name :	015ICSB_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9415323	9428659	9512390	9452124	0.56	cps
Molybdenum	95-1	15486776	15567697	15667865	15574113	0.58	cps
Molybdenum	96-1	17032642	16914361	16980602	16975868	0.35	cps
Molybdenum	97-1	9808301	9841796	9794390	9814829	0.25	cps
Molybdenum	98-1	25354504	25538992	25587526	25493674	0.48	cps
Neodymium	150-1	107	60	100	89	28.40	cps
Neodymium	150-2	40	13	43	32	51.04	cps
Nickel	60-2	54953	54869	55163	54995	0.28	cps
Phosphorus	31-2	856212	858112	865502	859942	0.57	cps
Potassium	39-2	36584831	36710548	37230132	36841837	0.93	cps
Rhodium	103-1	13915132	13988947	13993191	13965757	0.31	cps
Rhodium	103-2	6628186	6683647	6731708	6681181	0.78	cps
Scandium	45-1	9534410	9498500	9540872	9524594	0.24	cps
Scandium	45-2	463645	466067	470452	466721	0.74	cps
Selenium	77-2	267	177	237	227	20.22	cps
Selenium	78-2	854	898	880	877	2.55	cps
Selenium	82-1	4607	4575	4751	4644	2.02	cps
Silicon	28-1	1266355	1269233	1263123	1266237	0.24	cps
Silver	109-1	362312	361753	363945	362670	0.31	cps
Silver	107-1	374966	377439	380477	377627	0.73	cps
Sodium	23-2	71030870	70526097	72056747	71204572	1.10	cps
Strontium	86-1	425455	425650	426365	425823	0.11	cps
Strontium	88-1	3620355	3643286	3663061	3642234	0.59	cps
Sulfur	34-1	6038299	6050622	6009082	6032668	0.35	cps
Terbium	159-1	20769138	20833981	20969568	20857562	0.49	cps
Terbium	159-2	9775773	9902860	9811376	9830003	0.67	cps
Thallium	203-1	322133	320151	322386	321557	0.38	cps
Thallium	205-1	782728	778057	775448	778744	0.47	cps
Tin	118-1	659077	656669	656514	657420	0.22	cps
Titanium	47-1	4503401	4479712	4475770	4486294	0.33	cps
Uranium	238-1	2840775	2839613	2833064	2837817	0.15	cps
Vanadium	51-2	82821	83873	82968	83221	0.68	cps
Yttrium	89-1	15847313	15945765	15887043	15893374	0.31	cps
Yttrium	89-2	2372668	2385043	2407691	2388467	0.74	cps
Zinc	66-2	26321	27152	26761	26745	1.56	cps
Zirconium	90-1	1347387	1351966	1353636	1350997	0.24	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:48:34	DataFile Name :	015ICSB_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	298785	301675	300646	300369	0.49	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:52:00	DataFile Name :	016CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1583473	1590285	1583688	1585816	0.24	cps
Antimony	121-1	8734496	8726040	8663231	8707922	0.45	cps
Arsenic	75-2	314312	315604	316281	315399	0.32	cps
Barium	135-1	10277054	10212220	10074156	10187810	1.02	cps
Barium	137-1	17691651	17678775	17511861	17627429	0.57	cps
Beryllium	9-1	1364387	1344623	1364295	1357769	0.84	cps
Bismuth	209-1	13516126	13662585	13388992	13522568	1.01	cps
Bismuth	209-2	7579110	7495228	7619040	7564459	0.84	cps
Boron	10-1	193292	188714	192248	191418	1.25	cps
Boron	11-1	969441	967150	971623	969404	0.23	cps
Cadmium	111-1	2168665	2161805	2169175	2166548	0.19	cps
Cadmium	106-1	245272	248880	247773	247309	0.75	cps
Cadmium	108-1	162073	159624	158884	160194	1.04	cps
Calcium	43-1	2378467	2372904	2389920	2380430	0.36	cps
Calcium	44-1	38287137	38295145	38259849	38280710	0.05	cps
Chromium	52-2	2698455	2699323	2717096	2704958	0.39	cps
Cobalt	59-2	4389651	4372363	4407614	4389876	0.40	cps
Copper	63-2	6366855	6339188	6325902	6343982	0.33	cps
Dysprosium	156-1	208	217	225	217	3.85	cps
Dysprosium	156-2	47	47	27	40	28.87	cps
Erbium	164-1	92	100	117	103	12.39	cps
Erbium	164-2	57	27	47	43	35.25	cps
Gadolinium	160-1	275	150	233	219	29.00	cps
Gadolinium	160-2	143	123	100	122	17.75	cps
Holmium	165-1	20222893	20520016	20220078	20320996	0.85	cps
Holmium	165-2	9868201	9812635	9820287	9833708	0.31	cps
Indium	115-1	15904834	15919336	15865903	15896691	0.17	cps
Indium	115-2	3052284	3040066	3064805	3052385	0.41	cps
Iron	56-2	112796939	112583419	113186905	112855754	0.27	cps
Iron	57-2	2747320	2727789	2756887	2743999	0.54	cps
Lead	206-1	7047100	6864195	7091214	7000836	1.72	cps
Lead	207-1	6241779	6275137	6258993	6258636	0.27	cps
Lead	208-1	28268718	28244371	28370611	28294567	0.24	cps
Lithium	6-1	1708867	1704611	1693425	1702301	0.47	cps
Magnesium	24-2	19493536	19573949	19456816	19508100	0.31	cps
Manganese	55-2	3038118	3041142	3047741	3042334	0.16	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:52:00	DataFile Name :	016CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7806676	7737457	7723079	7755737	0.58	cps
Molybdenum	95-1	4086430	4059002	4065070	4070167	0.35	cps
Molybdenum	96-1	5279135	5263459	5244158	5262251	0.33	cps
Molybdenum	97-1	2564676	2543695	2538857	2549076	0.54	cps
Molybdenum	98-1	6754217	6706847	6678940	6713335	0.57	cps
Neodymium	150-1	707	727	753	729	3.21	cps
Neodymium	150-2	70	57	43	57	23.53	cps
Nickel	60-2	1151786	1151067	1159868	1154241	0.42	cps
Phosphorus	31-2	89719	91488	90827	90678	0.99	cps
Potassium	39-2	9852759	9865091	9972601	9896817	0.67	cps
Rhodium	103-1	14416045	14511373	14550268	14492562	0.48	cps
Rhodium	103-2	6819802	6860324	6882641	6854256	0.46	cps
Scandium	45-1	9788674	9711856	9746566	9749032	0.39	cps
Scandium	45-2	474603	475005	474361	474656	0.07	cps
Selenium	77-2	6572	6618	6578	6589	0.38	cps
Selenium	78-2	21677	21407	21598	21561	0.65	cps
Selenium	82-1	133493	132417	132929	132946	0.41	cps
Silicon	28-1	4598712	4585169	4615145	4599675	0.33	cps
Silver	109-1	10460389	10388219	10336627	10395078	0.60	cps
Silver	107-1	10717239	10617376	10777218	10703944	0.75	cps
Sodium	23-2	37855253	37877093	37941030	37891125	0.12	cps
Strontium	86-1	2638501	2620597	2614076	2624391	0.48	cps
Strontium	88-1	22665728	22763329	22858953	22762670	0.42	cps
Sulfur	34-1	1536399	1515983	1533342	1528574	0.72	cps
Terbium	159-1	21066498	20921335	21330328	21106054	0.98	cps
Terbium	159-2	9814318	9771600	9911639	9832519	0.73	cps
Thallium	203-1	8612099	8637900	8656386	8635462	0.26	cps
Thallium	205-1	20517406	20269428	20562808	20449880	0.77	cps
Tin	118-1	7053573	7057972	7106880	7072808	0.42	cps
Titanium	47-1	1163022	1158709	1165691	1162474	0.30	cps
Uranium	238-1	30048428	29837623	30084508	29990186	0.44	cps
Vanadium	51-2	2222605	2220880	2221345	2221610	0.04	cps
Yttrium	89-1	16389525	16199830	16190618	16259991	0.69	cps
Yttrium	89-2	2408889	2419415	2431863	2420056	0.48	cps
Zinc	66-2	899072	897713	904624	900470	0.41	cps
Zirconium	90-1	14632895	14414380	14645081	14564118	0.89	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:52:00	DataFile Name :	016CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3225897	3208978	3232190	3222355	0.37	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:59:24	DataFile Name :	017CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	133	94	36.73	cps
Antimony	121-1	12823	17520	22653	17665	27.83	cps
Arsenic	75-2	104	141	126	123	15.10	cps
Barium	135-1	17	58	142	72	88.12	cps
Barium	137-1	142	175	200	172	16.99	cps
Beryllium	9-1	172	133	156	154	12.69	cps
Bismuth	209-1	13554430	13572219	13589589	13572079	0.13	cps
Bismuth	209-2	7745313	7806884	7816605	7789601	0.50	cps
Boron	10-1	2092	2025	2075	2064	1.68	cps
Boron	11-1	11113	10337	10571	10674	3.73	cps
Cadmium	111-1	3818	3968	4280	4022	5.85	cps
Cadmium	106-1	5418	5660	6077	5718	5.83	cps
Cadmium	108-1	17	33	4	18	81.02	cps
Calcium	43-1	392	375	258	342	21.26	cps
Calcium	44-1	16101	16235	15400	15912	2.82	cps
Chromium	52-2	1683	1617	1600	1633	2.70	cps
Cobalt	59-2	160	167	140	156	8.92	cps
Copper	63-2	6552	6585	6502	6546	0.64	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	108	92	83	36.06	cps
Erbium	164-2	33	27	20	27	24.99	cps
Gadolinium	160-1	183	125	108	139	28.35	cps
Gadolinium	160-2	93	47	83	74	33.01	cps
Holmium	165-1	19658646	19734421	19764164	19719077	0.28	cps
Holmium	165-2	9669121	9756765	9767016	9730967	0.55	cps
Indium	115-1	15997880	16048220	16194541	16080214	0.64	cps
Indium	115-2	3060371	3058032	3090927	3069777	0.60	cps
Iron	56-2	11138	11644	11633	11471	2.52	cps
Iron	57-2	256	206	283	248	15.88	cps
Lead	206-1	3017	3034	2862	2971	3.20	cps
Lead	207-1	2634	2556	2573	2587	1.58	cps
Lead	208-1	12125	11886	11497	11836	2.68	cps
Lithium	6-1	1697797	1701199	1711661	1703552	0.42	cps
Magnesium	24-2	375	542	517	478	18.81	cps
Manganese	55-2	120	100	107	109	9.35	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:59:24	DataFile Name :	017CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2034	2359	3226	2539	24.27	cps
Molybdenum	95-1	2617	3484	4167	3423	22.70	cps
Molybdenum	96-1	3025	3851	4493	3790	19.41	cps
Molybdenum	97-1	1867	2009	2817	2231	22.98	cps
Molybdenum	98-1	4168	5218	6860	5415	25.06	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	460	417	430	436	5.10	cps
Phosphorus	31-2	325	275	342	314	11.05	cps
Potassium	39-2	57788	58591	58048	58143	0.70	cps
Rhodium	103-1	14599122	14674945	14623865	14632644	0.26	cps
Rhodium	103-2	6950077	7073316	7092320	7038571	1.10	cps
Scandium	45-1	9643669	9557536	9527743	9576316	0.63	cps
Scandium	45-2	463847	465602	470145	466531	0.70	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	107	130	120	119	9.37	cps
Selenium	82-1	72	-91	-141	-53	-208.68	cps
Silicon	28-1	505267	512605	510770	509547	0.75	cps
Silver	109-1	467	450	467	461	2.09	cps
Silver	107-1	567	550	625	581	6.78	cps
Sodium	23-2	45445	44885	44927	45086	0.69	cps
Strontium	86-1	5926	5952	6652	6177	6.67	cps
Strontium	88-1	367	425	442	411	9.58	cps
Sulfur	34-1	734701	733548	743544	737264	0.74	cps
Terbium	159-1	20534746	20507828	20698782	20580452	0.50	cps
Terbium	159-2	9768193	9778337	9777182	9774570	0.06	cps
Thallium	203-1	825	800	858	828	3.54	cps
Thallium	205-1	1959	1884	1842	1895	3.12	cps
Tin	118-1	1825	2017	2350	2064	12.87	cps
Titanium	47-1	283	250	175	236	23.50	cps
Uranium	238-1	350	258	258	289	18.32	cps
Vanadium	51-2	27	43	33	34	24.35	cps
Yttrium	89-1	15812469	15887206	16036595	15912090	0.72	cps
Yttrium	89-2	2363429	2365290	2402549	2377089	0.93	cps
Zinc	66-2	150	173	173	166	8.14	cps
Zirconium	90-1	1809	1767	2067	1881	8.64	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 10:59:24	DataFile Name :	017CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	433	550	442	23.64	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:02:53	DataFile Name :	018SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2625	2842	2709	2725	4.01	cps
Antimony	121-1	37434	36615	38822	37624	2.96	cps
Arsenic	75-2	672	644	652	656	2.19	cps
Barium	135-1	35012	35379	34887	35093	0.73	cps
Barium	137-1	62659	60482	61202	61448	1.81	cps
Beryllium	9-1	2378	2534	2556	2489	3.89	cps
Bismuth	209-1	13749291	13864497	13933819	13849202	0.67	cps
Bismuth	209-2	7862457	7963002	7880211	7901890	0.68	cps
Boron	10-1	9904	9687	9945	9845	1.41	cps
Boron	11-1	48546	49825	50427	49599	1.94	cps
Cadmium	111-1	8065	7760	7845	7890	1.99	cps
Cadmium	106-1	6518	6052	6035	6202	4.43	cps
Cadmium	108-1	338	258	288	294	13.60	cps
Calcium	43-1	21374	20690	20482	20849	2.24	cps
Calcium	44-1	354207	351175	353026	352803	0.43	cps
Chromium	52-2	12252	11701	11218	11724	4.41	cps
Cobalt	59-2	7886	8423	8112	8140	3.31	cps
Copper	63-2	21456	21950	22154	21853	1.64	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	117	133	100	117	14.29	cps
Erbium	164-2	33	53	20	36	47.19	cps
Gadolinium	160-1	133	108	125	122	10.41	cps
Gadolinium	160-2	63	47	63	58	16.65	cps
Holmium	165-1	20123892	20213458	20303250	20213533	0.44	cps
Holmium	165-2	9936730	9926569	10041532	9968277	0.64	cps
Indium	115-1	16255915	16246355	16376980	16293083	0.45	cps
Indium	115-2	3139442	3140984	3131428	3137285	0.16	cps
Iron	56-2	207720	209654	208750	208708	0.46	cps
Iron	57-2	4879	5095	5040	5005	2.25	cps
Lead	206-1	16327	15865	15699	15964	2.04	cps
Lead	207-1	14875	14942	14764	14861	0.61	cps
Lead	208-1	66818	66261	66963	66681	0.56	cps
Lithium	6-1	1721959	1721329	1724664	1722651	0.10	cps
Magnesium	24-2	172455	175439	174589	174161	0.88	cps
Manganese	55-2	2647	2827	2917	2797	4.92	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:02:53	DataFile Name :	018SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30149	30860	30141	30383	1.36	cps
Molybdenum	95-1	36740	37459	37158	37119	0.97	cps
Molybdenum	96-1	40091	40910	42940	41314	3.55	cps
Molybdenum	97-1	22393	22811	23078	22761	1.52	cps
Molybdenum	98-1	60755	58496	59734	59662	1.90	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2550	2667	2610	2609	2.24	cps
Phosphorus	31-2	333	300	317	317	5.26	cps
Potassium	39-2	231255	230656	231564	231158	0.20	cps
Rhodium	103-1	14945884	15070489	14982387	14999587	0.43	cps
Rhodium	103-2	7161065	7253027	7159802	7191298	0.74	cps
Scandium	45-1	9788428	9836571	9818180	9814393	0.25	cps
Scandium	45-2	472109	474639	472561	473103	0.29	cps
Selenium	77-2	63	50	60	58	12.01	cps
Selenium	78-2	257	296	296	283	7.92	cps
Selenium	82-1	1589	971	1071	1211	27.40	cps
Silicon	28-1	606117	600816	603753	603562	0.44	cps
Silver	109-1	23996	24480	24046	24174	1.10	cps
Silver	107-1	25724	25566	25624	25638	0.31	cps
Sodium	23-2	378768	379151	377132	378350	0.28	cps
Strontium	86-1	11196	10321	10604	10707	4.17	cps
Strontium	88-1	41193	43032	42380	42202	2.21	cps
Sulfur	34-1	748000	742531	738064	742865	0.67	cps
Terbium	159-1	21058066	21085172	21309013	21150751	0.65	cps
Terbium	159-2	10041833	9950705	9945722	9979420	0.54	cps
Thallium	203-1	14876	15368	16010	15418	3.69	cps
Thallium	205-1	37479	37044	36426	36983	1.43	cps
Tin	118-1	61611	61494	62800	61968	1.17	cps
Titanium	47-1	10187	10154	10029	10123	0.83	cps
Uranium	238-1	51947	51110	52306	51788	1.19	cps
Vanadium	51-2	19103	19193	19500	19265	1.08	cps
Yttrium	89-1	16073886	16181810	16384679	16213458	0.97	cps
Yttrium	89-2	2414425	2428793	2433683	2425633	0.41	cps
Zinc	66-2	2027	2134	2220	2127	4.55	cps
Zirconium	90-1	25524	26166	26258	25983	1.54	cps

Reviewed By:jaswal
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:02:53	DataFile Name :	018SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5976	5851	6110	5979	2.16	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2907-05DLX20	Instrumnet Name :	P7
Client Sample ID :	LF015MW047-170427DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:06:22	DataFile Name :	019SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	217	192	250	32.16	cps
Antimony	121-1	3859	5260	6027	5048	21.77	cps
Arsenic	75-2	130	133	122	128	4.41	cps
Barium	135-1	46111	45125	45224	45487	1.19	cps
Barium	137-1	79838	79738	80575	80051	0.57	cps
Beryllium	9-1	172	189	156	172	9.68	cps
Bismuth	209-1	13859141	13756858	13708124	13774707	0.56	cps
Bismuth	209-2	7788811	7734564	7779582	7767652	0.37	cps
Boron	10-1	20698	21257	21040	20999	1.34	cps
Boron	11-1	108378	107950	110981	109103	1.50	cps
Cadmium	111-1	4026	4033	4052	4037	0.34	cps
Cadmium	106-1	5735	5726	5735	5732	0.08	cps
Cadmium	108-1	38	54	29	40	31.60	cps
Calcium	43-1	469240	465115	472162	468839	0.76	cps
Calcium	44-1	7808296	7659105	7722743	7730048	0.97	cps
Chromium	52-2	13683	13483	13947	13704	1.70	cps
Cobalt	59-2	3314	3110	3447	3290	5.15	cps
Copper	63-2	10394	10217	10497	10369	1.37	cps
Dysprosium	156-1	58	25	67	50	44.10	cps
Dysprosium	156-2	17	20	20	19	10.18	cps
Erbium	164-1	83	117	83	94	20.37	cps
Erbium	164-2	47	37	57	47	21.43	cps
Gadolinium	160-1	158	125	158	147	13.07	cps
Gadolinium	160-2	77	73	67	72	7.05	cps
Holmium	165-1	20333702	20289121	20570248	20397691	0.74	cps
Holmium	165-2	9896458	9953436	9978032	9942642	0.42	cps
Indium	115-1	16373567	16286120	16533544	16397744	0.77	cps
Indium	115-2	3110383	3109470	3132425	3117426	0.42	cps
Iron	56-2	7994528	7929831	7964510	7962956	0.41	cps
Iron	57-2	193653	194645	195208	194502	0.40	cps
Lead	206-1	2506	2661	2117	2428	11.55	cps
Lead	207-1	2039	1895	2017	1984	3.92	cps
Lead	208-1	10002	9435	8990	9476	5.35	cps
Lithium	6-1	1724762	1723967	1721097	1723276	0.11	cps
Magnesium	24-2	1019239	1021141	1012126	1017502	0.47	cps
Manganese	55-2	309568	310728	311607	310634	0.33	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2907-05DLX20	Instrumnet Name :	P7
Client Sample ID :	LF015MW047-170427DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:06:22	DataFile Name :	019SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1850	2267	2650	2256	17.74	cps
Molybdenum	95-1	2042	2525	2884	2484	17.01	cps
Molybdenum	96-1	2500	2975	3259	2912	13.16	cps
Molybdenum	97-1	1300	1358	1834	1497	19.54	cps
Molybdenum	98-1	3517	3759	4626	3967	14.69	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	197497	197645	196535	197226	0.31	cps
Phosphorus	31-2	475	392	383	417	12.17	cps
Potassium	39-2	200604	198070	198046	198907	0.74	cps
Rhodium	103-1	14914391	14878644	15009439	14934158	0.45	cps
Rhodium	103-2	7126557	7163907	7128254	7139573	0.30	cps
Scandium	45-1	9749476	9746368	9708715	9734853	0.23	cps
Scandium	45-2	470755	469608	470686	470350	0.14	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	143	122	107	124	14.24	cps
Selenium	82-1	235	350	109	231	52.11	cps
Silicon	28-1	7242997	7245473	7260940	7249803	0.13	cps
Silver	109-1	1734	1875	2167	1925	11.48	cps
Silver	107-1	1909	2034	2217	2053	7.56	cps
Sodium	23-2	11669878	11698064	11597942	11655295	0.44	cps
Strontium	86-1	621624	624714	618443	621594	0.50	cps
Strontium	88-1	5364874	5394469	5372276	5377207	0.29	cps
Sulfur	34-1	749954	747226	746822	748001	0.23	cps
Terbium	159-1	21206757	21222357	21176965	21202026	0.11	cps
Terbium	159-2	9900285	9937997	9946698	9928327	0.25	cps
Thallium	203-1	525	683	542	583	14.91	cps
Thallium	205-1	1192	1350	1508	1350	11.73	cps
Tin	118-1	1425	1558	1950	1645	16.60	cps
Titanium	47-1	433	517	475	475	8.77	cps
Uranium	238-1	1509	1442	1450	1467	2.48	cps
Vanadium	51-2	310	250	293	284	10.89	cps
Yttrium	89-1	16383377	16346346	16252289	16327337	0.41	cps
Yttrium	89-2	2416762	2411877	2412491	2413710	0.11	cps
Zinc	66-2	413	353	420	396	9.28	cps
Zirconium	90-1	2534	2367	2559	2487	4.19	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2907-05DLX20	Instrumnet Name :	P7
Client Sample ID :	LF015MW047-170427DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:06:22	DataFile Name :	019SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	592	767	603	26.32	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07RE	Instrumnet Name :	P7
Client Sample ID :	S49-0434RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:09:56	DataFile Name :	020SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792	883	625	767	17.08	cps
Antimony	121-1	22444	24539	26476	24486	8.24	cps
Arsenic	75-2	37021	37209	36637	36956	0.79	cps
Barium	135-1	1073063	1090420	1071334	1078272	0.98	cps
Barium	137-1	1867772	1882810	1870271	1873618	0.43	cps
Beryllium	9-1	167	128	189	161	19.20	cps
Bismuth	209-1	12569919	12609919	12388069	12522636	0.94	cps
Bismuth	209-2	6604835	6610398	6569299	6594844	0.34	cps
Boron	10-1	46363	47734	47091	47063	1.46	cps
Boron	11-1	246077	247932	243115	245708	0.99	cps
Cadmium	111-1	4766	4527	4292	4528	5.23	cps
Cadmium	106-1	5518	5343	5343	5401	1.87	cps
Cadmium	108-1	108	96	104	103	6.19	cps
Calcium	43-1	15957409	15972282	15975831	15968507	0.06	cps
Calcium	44-1	255233064	254317981	254294322	254615122	0.21	cps
Chromium	52-2	53631	54567	54497	54232	0.96	cps
Cobalt	59-2	14678	14511	14411	14533	0.93	cps
Copper	63-2	80215	82246	83047	81836	1.78	cps
Dysprosium	156-1	1092	1650	1592	1445	21.25	cps
Dysprosium	156-2	480	470	567	506	10.51	cps
Erbium	164-1	1117	1000	1300	1139	13.28	cps
Erbium	164-2	460	600	590	550	14.20	cps
Gadolinium	160-1	1067	1167	1000	1078	7.78	cps
Gadolinium	160-2	480	587	520	529	10.19	cps
Holmium	165-1	19201922	19463956	19424228	19363368	0.73	cps
Holmium	165-2	9289059	9263909	9149083	9234017	0.81	cps
Indium	115-1	14987957	15019791	15015039	15007596	0.11	cps
Indium	115-2	2712332	2721094	2704244	2712557	0.31	cps
Iron	56-2	95074213	95053674	94614860	94914249	0.27	cps
Iron	57-2	2308607	2304945	2300551	2304701	0.18	cps
Lead	206-1	7625	6841	6274	6913	9.81	cps
Lead	207-1	6741	6118	5246	6035	12.45	cps
Lead	208-1	31021	27590	25705	28105	9.59	cps
Lithium	6-1	1789607	1806100	1809499	1801735	0.59	cps
Magnesium	24-2	40624062	40924907	40503806	40684259	0.53	cps
Manganese	55-2	8583831	8644614	8573429	8600625	0.45	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07RE	Instrumnet Name :	P7
Client Sample ID :	S49-0434RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:09:56	DataFile Name :	020SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5676	5760	6694	6043	9.34	cps
Molybdenum	95-1	5618	6652	6810	6360	10.18	cps
Molybdenum	96-1	6885	7327	7961	7391	7.32	cps
Molybdenum	97-1	3609	3634	3992	3745	5.73	cps
Molybdenum	98-1	8870	9454	9962	9429	5.80	cps
Neodymium	150-1	1687	1520	1587	1598	5.25	cps
Neodymium	150-2	530	527	623	560	9.80	cps
Nickel	60-2	16369	16760	16486	16538	1.21	cps
Phosphorus	31-2	433	458	458	450	3.21	cps
Potassium	39-2	5897597	5912263	5838932	5882931	0.66	cps
Rhodium	103-1	13030311	13120886	13001178	13050792	0.48	cps
Rhodium	103-2	6098224	6133384	6066209	6099272	0.55	cps
Scandium	45-1	8850821	8871373	8745779	8822658	0.76	cps
Scandium	45-2	395899	397907	395516	396441	0.32	cps
Selenium	77-2	30	33	37	33	10.01	cps
Selenium	78-2	119	128	111	119	7.01	cps
Selenium	82-1	-229	139	301	70	385.16	cps
Silicon	28-1	82197406	81949898	80858291	81668532	0.87	cps
Silver	109-1	11522	10938	9512	10657	9.70	cps
Silver	107-1	12606	10863	9470	10980	14.31	cps
Sodium	23-2	240303347	241722247	239232272	240419289	0.52	cps
Strontium	86-1	12999367	13005779	13057465	13020870	0.24	cps
Strontium	88-1	111281457	111737832	112161615	111726968	0.39	cps
Sulfur	34-1	1453471	1435428	1418877	1435925	1.20	cps
Terbium	159-1	20051824	20339053	20116322	20169067	0.75	cps
Terbium	159-2	9138073	9227160	9125122	9163452	0.61	cps
Thallium	203-1	2409	1917	1583	1970	21.08	cps
Thallium	205-1	5460	4126	3892	4493	18.82	cps
Tin	118-1	25098	25465	25532	25365	0.92	cps
Titanium	47-1	2367	2734	2684	2595	7.66	cps
Uranium	238-1	217778	219166	220508	219151	0.62	cps
Vanadium	51-2	1537	1370	1530	1479	6.38	cps
Yttrium	89-1	15099592	15127123	15036447	15087721	0.31	cps
Yttrium	89-2	2110905	2115332	2107572	2111270	0.18	cps
Zinc	66-2	4601	4614	4547	4587	0.77	cps
Zirconium	90-1	6443	6543	8121	7036	13.38	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07RE	Instrumnet Name :	P7
Client Sample ID :	S49-0434RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:09:56	DataFile Name :	020SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1567	1842	1625	1678	8.64	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07REDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434REDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:13:26	DataFile Name :	021SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	117	92	32.77	cps
Antimony	121-1	1233	1392	1817	1481	20.38	cps
Arsenic	75-2	2050	2132	2096	2093	1.95	cps
Barium	135-1	56165	56499	56725	56463	0.50	cps
Barium	137-1	98935	100555	96937	98809	1.83	cps
Beryllium	9-1	133	144	106	128	15.68	cps
Bismuth	209-1	13738836	13799326	13894864	13811009	0.57	cps
Bismuth	209-2	7688715	7753734	7645005	7695818	0.71	cps
Boron	10-1	4251	4109	4151	4170	1.75	cps
Boron	11-1	20798	20498	20798	20698	0.84	cps
Cadmium	111-1	4192	4147	3983	4107	2.68	cps
Cadmium	106-1	5960	5876	5643	5826	2.82	cps
Cadmium	108-1	25	29	13	22	39.04	cps
Calcium	43-1	838920	842539	843228	841562	0.28	cps
Calcium	44-1	13640877	13676444	13860546	13725956	0.86	cps
Chromium	52-2	4604	4728	4721	4684	1.48	cps
Cobalt	59-2	927	1013	867	936	7.88	cps
Copper	63-2	25496	24087	24544	24709	2.91	cps
Dysprosium	156-1	92	125	142	119	21.31	cps
Dysprosium	156-2	33	17	23	24	34.31	cps
Erbium	164-1	167	167	117	150	19.25	cps
Erbium	164-2	80	47	37	54	41.67	cps
Gadolinium	160-1	183	242	167	197	19.97	cps
Gadolinium	160-2	93	80	127	100	24.04	cps
Holmium	165-1	20561828	20634991	20499494	20565437	0.33	cps
Holmium	165-2	9931961	9998049	9891236	9940415	0.54	cps
Indium	115-1	16085582	16326276	16248430	16220096	0.76	cps
Indium	115-2	3047610	3044969	3063832	3052137	0.33	cps
Iron	56-2	5413365	5381112	5393621	5396033	0.30	cps
Iron	57-2	130245	129880	130772	130299	0.34	cps
Lead	206-1	1845	2106	1784	1911	8.96	cps
Lead	207-1	1722	1700	1811	1745	3.37	cps
Lead	208-1	7712	7862	7990	7855	1.77	cps
Lithium	6-1	1732764	1737847	1756920	1742510	0.73	cps
Magnesium	24-2	2297913	2288510	2294889	2293771	0.21	cps
Manganese	55-2	479974	477794	481596	479788	0.40	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07REDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434REDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:13:26	DataFile Name :	021SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	1175	1308	1147	15.40	cps
Molybdenum	95-1	742	908	1300	983	29.15	cps
Molybdenum	96-1	1100	1317	1450	1289	13.71	cps
Molybdenum	97-1	517	675	808	667	21.90	cps
Molybdenum	98-1	1392	1617	1992	1667	18.19	cps
Neodymium	150-1	53	87	107	82	32.76	cps
Neodymium	150-2	30	23	30	28	13.86	cps
Nickel	60-2	1313	1217	1277	1269	3.85	cps
Phosphorus	31-2	217	283	317	272	18.70	cps
Potassium	39-2	385247	384741	382622	384203	0.36	cps
Rhodium	103-1	14792872	14775024	14857348	14808415	0.29	cps
Rhodium	103-2	6910932	6988609	7039806	6979782	0.93	cps
Scandium	45-1	9585537	9490978	9612396	9562970	0.67	cps
Scandium	45-2	442786	441306	447171	443754	0.69	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	115	130	106	117	10.41	cps
Selenium	82-1	103	-285	149	-11	-2129.82	cps
Silicon	28-1	4893076	4890928	4914707	4899570	0.27	cps
Silver	109-1	1959	2359	1942	2086	11.31	cps
Silver	107-1	2392	2192	2225	2270	4.72	cps
Sodium	23-2	13774290	13655870	13561647	13663935	0.78	cps
Strontium	86-1	670693	679697	676803	675731	0.68	cps
Strontium	88-1	5952873	5861659	5892514	5902349	0.79	cps
Sulfur	34-1	769109	766695	771363	769056	0.30	cps
Terbium	159-1	21445344	21171983	21346049	21321126	0.65	cps
Terbium	159-2	9936876	9916700	9791089	9881555	0.80	cps
Thallium	203-1	242	150	217	203	23.37	cps
Thallium	205-1	550	450	525	508	10.24	cps
Tin	118-1	1250	1400	1417	1356	6.77	cps
Titanium	47-1	325	250	417	331	25.25	cps
Uranium	238-1	10480	11072	11339	10963	4.01	cps
Vanadium	51-2	167	127	113	136	20.47	cps
Yttrium	89-1	15996210	16113972	15960903	16023695	0.50	cps
Yttrium	89-2	2341117	2333706	2328610	2334478	0.27	cps
Zinc	66-2	623	557	540	573	7.69	cps
Zirconium	90-1	1433	1275	1408	1372	6.20	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07REDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434REDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:13:26	DataFile Name :	021SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	250	367	292	22.32	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:16:54	DataFile Name :	022SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	875	767	608	750	17.88	cps
Antimony	121-1	11222	11964	12940	12042	7.16	cps
Arsenic	75-2	37268	36605	36124	36666	1.57	cps
Barium	135-1	1089619	1074006	1074440	1079355	0.82	cps
Barium	137-1	1879264	1878614	1875607	1877828	0.10	cps
Beryllium	9-1	128	117	117	120	5.33	cps
Bismuth	209-1	12575214	12381263	12525031	12493836	0.81	cps
Bismuth	209-2	6506443	6530591	6529217	6522084	0.21	cps
Boron	10-1	44834	46213	46246	45764	1.76	cps
Boron	11-1	239177	238765	238781	238907	0.10	cps
Cadmium	111-1	3933	3825	3878	3879	1.40	cps
Cadmium	106-1	5326	5226	5243	5265	1.02	cps
Cadmium	108-1	17	54	54	42	51.96	cps
Calcium	43-1	15719842	15701211	15761825	15727626	0.20	cps
Calcium	44-1	252173489	252707414	254244831	253041911	0.42	cps
Chromium	52-2	43661	43454	42996	43371	0.78	cps
Cobalt	59-2	14127	14321	14564	14337	1.53	cps
Copper	63-2	86386	86460	86946	86598	0.35	cps
Dysprosium	156-1	1417	1483	1500	1467	3.01	cps
Dysprosium	156-2	463	487	467	472	2.67	cps
Erbium	164-1	1450	1183	1167	1267	12.55	cps
Erbium	164-2	570	523	467	520	9.95	cps
Gadolinium	160-1	1208	1050	1133	1131	7.01	cps
Gadolinium	160-2	543	593	583	573	4.62	cps
Holmium	165-1	19350230	19323674	19616678	19430194	0.83	cps
Holmium	165-2	9130723	9171813	9152937	9151824	0.22	cps
Indium	115-1	14675465	14844321	14690592	14736793	0.63	cps
Indium	115-2	2666994	2640210	2664916	2657373	0.56	cps
Iron	56-2	94135966	94938849	94009683	94361499	0.53	cps
Iron	57-2	2289448	2296829	2282474	2289583	0.31	cps
Lead	206-1	5596	5596	5118	5436	5.08	cps
Lead	207-1	4651	4401	4206	4419	5.04	cps
Lead	208-1	21758	21141	19640	20846	5.23	cps
Lithium	6-1	1730157	1724516	1730248	1728307	0.19	cps
Magnesium	24-2	40606535	40496733	39655780	40253016	1.29	cps
Manganese	55-2	8581412	8552935	8520557	8551635	0.36	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:16:54	DataFile Name :	022SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5026	5109	4759	4965	3.68	cps
Molybdenum	95-1	5593	4876	5385	5285	6.98	cps
Molybdenum	96-1	6002	6860	6910	6591	7.75	cps
Molybdenum	97-1	3117	3209	3792	3373	10.86	cps
Molybdenum	98-1	8586	8144	8311	8347	2.67	cps
Neodymium	150-1	1780	1727	1714	1740	2.03	cps
Neodymium	150-2	500	573	587	553	8.43	cps
Nickel	60-2	13954	14311	14057	14107	1.30	cps
Phosphorus	31-2	408	450	367	408	10.20	cps
Potassium	39-2	5860633	5844859	5850910	5852134	0.14	cps
Rhodium	103-1	12887714	12917975	12978765	12928151	0.36	cps
Rhodium	103-2	5984778	5991685	6036919	6004461	0.47	cps
Scandium	45-1	8742794	8616106	8658117	8672339	0.74	cps
Scandium	45-2	390944	388088	388445	389159	0.40	cps
Selenium	77-2	40	40	37	39	4.94	cps
Selenium	78-2	111	128	87	109	18.85	cps
Selenium	82-1	-436	-105	153	-129	-228.18	cps
Silicon	28-1	80780643	80237566	80184877	80401029	0.41	cps
Silver	109-1	7035	6602	6560	6732	3.91	cps
Silver	107-1	7394	6552	6343	6763	8.22	cps
Sodium	23-2	237269372	238535697	236129555	237311541	0.51	cps
Strontium	86-1	13021533	13002957	12945715	12990068	0.30	cps
Strontium	88-1	111196257	111170486	111619536	111328759	0.23	cps
Sulfur	34-1	1420333	1406605	1400646	1409195	0.72	cps
Terbium	159-1	20167528	20022731	20274333	20154864	0.63	cps
Terbium	159-2	9199835	9130215	9163111	9164387	0.38	cps
Thallium	203-1	342	233	275	283	19.28	cps
Thallium	205-1	892	767	700	786	12.38	cps
Tin	118-1	19064	19948	20758	19923	4.25	cps
Titanium	47-1	2492	2367	2825	2561	9.25	cps
Uranium	238-1	219429	220999	219791	220073	0.37	cps
Vanadium	51-2	1577	1457	1463	1499	4.50	cps
Yttrium	89-1	14942842	14797000	14948769	14896204	0.58	cps
Yttrium	89-2	2079042	2073599	2073879	2075507	0.15	cps
Zinc	66-2	4121	4094	4104	4106	0.33	cps
Zirconium	90-1	5668	5710	5435	5604	2.65	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:16:54	DataFile Name :	022SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1800	1467	1775	1681	11.05	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:20:24	DataFile Name :	023SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	108	125	117	7.14	cps
Antimony	121-1	917	1092	1175	1061	12.43	cps
Arsenic	75-2	2021	2178	2171	2123	4.18	cps
Barium	135-1	56783	57478	56968	57076	0.63	cps
Barium	137-1	101570	101462	100395	101142	0.64	cps
Beryllium	9-1	111	122	100	111	10.00	cps
Bismuth	209-1	13858723	13995599	13822643	13892322	0.66	cps
Bismuth	209-2	7611797	7676691	7642782	7643756	0.42	cps
Boron	10-1	4201	3642	4026	3956	7.22	cps
Boron	11-1	20473	20456	19221	20050	3.58	cps
Cadmium	111-1	4220	4126	4344	4230	2.58	cps
Cadmium	106-1	6010	5885	6152	6015	2.22	cps
Cadmium	108-1	17	8	0	8	100.02	cps
Calcium	43-1	830522	835845	844313	836893	0.83	cps
Calcium	44-1	13838244	13720579	13798059	13785627	0.43	cps
Chromium	52-2	4024	3924	3857	3935	2.13	cps
Cobalt	59-2	1013	810	890	904	11.33	cps
Copper	63-2	25436	25135	25018	25196	0.85	cps
Dysprosium	156-1	75	108	83	89	19.52	cps
Dysprosium	156-2	47	40	37	41	12.39	cps
Erbium	164-1	133	142	150	142	5.88	cps
Erbium	164-2	60	50	37	49	23.94	cps
Gadolinium	160-1	217	167	233	206	16.88	cps
Gadolinium	160-2	87	97	63	82	20.81	cps
Holmium	165-1	20147691	19933807	20323018	20134838	0.97	cps
Holmium	165-2	9783202	9770260	9721420	9758294	0.33	cps
Indium	115-1	15874787	16102544	16089144	16022158	0.80	cps
Indium	115-2	2977630	3028350	2996741	3000907	0.85	cps
Iron	56-2	5393794	5435632	5454174	5427867	0.57	cps
Iron	57-2	129583	132605	130833	131007	1.16	cps
Lead	206-1	1778	1728	1750	1752	1.43	cps
Lead	207-1	1600	1572	1550	1574	1.59	cps
Lead	208-1	7068	6734	6845	6882	2.47	cps
Lithium	6-1	1739836	1763183	1745874	1749631	0.69	cps
Magnesium	24-2	2296525	2303106	2293998	2297876	0.20	cps
Manganese	55-2	481320	481130	480256	480902	0.12	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:20:24	DataFile Name :	023SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	967	983	858	23.56	cps
Molybdenum	95-1	742	942	975	886	14.24	cps
Molybdenum	96-1	658	850	1142	883	27.55	cps
Molybdenum	97-1	567	475	642	561	14.88	cps
Molybdenum	98-1	983	1283	1759	1342	29.13	cps
Neodymium	150-1	127	127	73	109	28.28	cps
Neodymium	150-2	37	43	23	34	29.57	cps
Nickel	60-2	1227	1303	1157	1229	5.97	cps
Phosphorus	31-2	342	242	333	306	18.16	cps
Potassium	39-2	378253	382869	380613	380578	0.61	cps
Rhodium	103-1	14489063	14585591	14814850	14629835	1.14	cps
Rhodium	103-2	6952662	6994972	6880192	6942609	0.84	cps
Scandium	45-1	9333238	9345759	9417135	9365378	0.48	cps
Scandium	45-2	436214	439215	434735	436721	0.52	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	126	113	113	117	6.38	cps
Selenium	82-1	-8	39	104	45	125.06	cps
Silicon	28-1	4925902	4907587	4926993	4920161	0.22	cps
Silver	109-1	1867	1692	1492	1684	11.15	cps
Silver	107-1	1684	1850	1634	1722	6.59	cps
Sodium	23-2	13547966	13803659	13667583	13673069	0.94	cps
Strontium	86-1	682051	688017	679054	683041	0.67	cps
Strontium	88-1	5968019	6036152	5882591	5962254	1.29	cps
Sulfur	34-1	764122	766049	768114	766095	0.26	cps
Terbium	159-1	21006627	20995565	21008956	21003716	0.03	cps
Terbium	159-2	9778536	9870375	9715087	9788000	0.80	cps
Thallium	203-1	142	100	133	125	17.64	cps
Thallium	205-1	292	467	208	322	40.92	cps
Tin	118-1	1167	1392	1325	1295	8.93	cps
Titanium	47-1	342	367	308	339	8.64	cps
Uranium	238-1	11405	11906	12106	11806	3.06	cps
Vanadium	51-2	173	160	143	159	9.46	cps
Yttrium	89-1	15724434	16064144	15821373	15869984	1.10	cps
Yttrium	89-2	2302687	2313305	2295049	2303680	0.40	cps
Zinc	66-2	467	507	457	477	5.55	cps
Zirconium	90-1	1200	1150	1317	1222	7.00	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07DUPREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434DUPREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:20:24	DataFile Name :	023SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	283	367	319	13.39	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREX5	Instrumnet Name :	P7
Client Sample ID :	S49-0434LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 11:23:52	DataFile Name :	024SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	283	208	244	15.37	cps
Antimony	121-1	2575	2317	2642	2511	6.84	cps
Arsenic	75-2	7630	7558	7622	7603	0.52	cps
Barium	135-1	216742	218337	215996	217025	0.55	cps
Barium	137-1	377591	379374	380473	379146	0.38	cps
Beryllium	9-1	78	161	150	130	34.91	cps
Bismuth	209-1	13156417	13158972	12982391	13099260	0.77	cps
Bismuth	209-2	7151832	7239259	7286763	7225951	0.95	cps
Boron	10-1	10587	10279	10421	10429	1.48	cps
Boron	11-1	53629	52927	54633	53730	1.60	cps
Cadmium	111-1	3762	3881	4193	3945	5.64	cps
Cadmium	106-1	5360	5501	5902	5587	5.03	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	3185246	3182778	3222579	3196868	0.70	cps
Calcium	44-1	51061067	51866137	52129126	51685443	1.08	cps
Chromium	52-2	12842	12385	12589	12606	1.82	cps
Cobalt	59-2	3130	3097	3347	3192	4.25	cps
Copper	63-2	34116	33375	33689	33727	1.10	cps
Dysprosium	156-1	325	308	242	292	15.12	cps
Dysprosium	156-2	90	90	83	88	4.38	cps
Erbium	164-1	383	200	242	275	34.95	cps
Erbium	164-2	137	137	120	131	7.34	cps
Gadolinium	160-1	317	267	283	289	8.81	cps
Gadolinium	160-2	157	157	147	153	3.77	cps
Holmium	165-1	20136163	20258748	20119243	20171385	0.38	cps
Holmium	165-2	9402190	9591029	9556385	9516535	1.06	cps
Indium	115-1	15597367	15606614	15638318	15614099	0.14	cps
Indium	115-2	2861871	2882199	2880231	2874767	0.39	cps
Iron	56-2	20024325	19784047	19968789	19925721	0.63	cps
Iron	57-2	486834	482033	488360	485742	0.68	cps
Lead	206-1	1945	1806	1906	1885	3.80	cps
Lead	207-1	1934	1778	1645	1785	8.10	cps
Lead	208-1	8201	7851	7757	7936	2.95	cps
Lithium	6-1	1681884	1696671	1712008	1696854	0.89	cps
Magnesium	24-2	8526401	8528543	8515373	8523439	0.08	cps
Manganese	55-2	1773942	1779120	1785939	1779667	0.34	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREX5	Instrumnet Name :	P7
Client Sample ID :	S49-0434LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 11:23:52	DataFile Name :	024SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1492	1508	1675	1558	6.51	cps
Molybdenum	95-1	1275	1417	1533	1408	9.19	cps
Molybdenum	96-1	1642	1800	1750	1731	4.68	cps
Molybdenum	97-1	800	933	1067	933	14.29	cps
Molybdenum	98-1	2350	2200	2592	2381	8.30	cps
Neodymium	150-1	353	347	393	364	6.93	cps
Neodymium	150-2	143	127	120	130	9.25	cps
Nickel	60-2	3984	3621	3684	3763	5.16	cps
Phosphorus	31-2	283	367	283	311	15.47	cps
Potassium	39-2	1258777	1260876	1275786	1265146	0.73	cps
Rhodium	103-1	13969577	14149558	14117816	14078984	0.68	cps
Rhodium	103-2	6635256	6659495	6530013	6608255	1.04	cps
Scandium	45-1	9184156	9188899	9112155	9161737	0.47	cps
Scandium	45-2	421863	420782	422783	421809	0.24	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	131	124	120	125	4.51	cps
Selenium	82-1	-204	-102	42	-88	-140.22	cps
Silicon	28-1	17165946	17270264	17392106	17276105	0.66	cps
Silver	109-1	2500	2700	2550	2584	4.03	cps
Silver	107-1	2900	2834	2717	2817	3.30	cps
Sodium	23-2	49901764	50395712	50601426	50299634	0.71	cps
Strontium	86-1	2569074	2579109	2563852	2570678	0.30	cps
Strontium	88-1	22338697	22539485	22555680	22477954	0.54	cps
Sulfur	34-1	893458	892678	885783	890640	0.47	cps
Terbium	159-1	20561031	20751429	21133771	20815410	1.40	cps
Terbium	159-2	9493853	9570653	9548068	9537525	0.41	cps
Thallium	203-1	100	167	158	142	25.64	cps
Thallium	205-1	308	342	333	328	5.29	cps
Tin	118-1	1625	2009	2067	1900	12.63	cps
Titanium	47-1	758	667	675	700	7.24	cps
Uranium	238-1	42972	42738	43123	42944	0.45	cps
Vanadium	51-2	410	383	337	377	9.85	cps
Yttrium	89-1	15567154	15581994	15651595	15600247	0.29	cps
Yttrium	89-2	2210423	2215638	2233790	2219950	0.55	cps
Zinc	66-2	1047	1000	927	991	6.10	cps
Zirconium	90-1	1925	1900	1917	1914	0.66	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREX5	Instrumnet Name :	P7
Client Sample ID :	S49-0434LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 11:23:52	DataFile Name :	024SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	433	508	514	16.24	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0434LREDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 11:27:20	DataFile Name :	025SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	100	92	94	5.09	cps
Antimony	121-1	675	683	733	697	4.53	cps
Arsenic	75-2	428	424	428	427	0.50	cps
Barium	135-1	10863	10780	11088	10910	1.46	cps
Barium	137-1	19297	18939	19389	19208	1.24	cps
Beryllium	9-1	94	133	72	100	30.94	cps
Bismuth	209-1	13805861	13749131	13892125	13815706	0.52	cps
Bismuth	209-2	7750642	7693438	7778274	7740785	0.56	cps
Boron	10-1	1717	1608	1625	1650	3.54	cps
Boron	11-1	8461	8127	8186	8258	2.16	cps
Cadmium	111-1	3834	4252	4282	4123	6.08	cps
Cadmium	106-1	5460	6068	6118	5882	6.23	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	161127	163113	160394	161545	0.87	cps
Calcium	44-1	2656727	2648630	2631105	2645487	0.50	cps
Chromium	52-2	1970	2137	1994	2034	4.44	cps
Cobalt	59-2	263	207	197	222	16.18	cps
Copper	63-2	17114	17104	16129	16782	3.37	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	67	33	58	53	32.88	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	100	158	133	131	22.41	cps
Gadolinium	160-2	40	47	73	53	33.07	cps
Holmium	165-1	20022123	19998740	20124612	20048492	0.33	cps
Holmium	165-2	9747428	9759974	9776556	9761320	0.15	cps
Indium	115-1	16082591	15864940	15867219	15938250	0.78	cps
Indium	115-2	3013191	3014397	3007246	3011611	0.13	cps
Iron	56-2	1023594	1028484	1018612	1023563	0.48	cps
Iron	57-2	25640	25105	24855	25200	1.59	cps
Lead	206-1	2161	1839	1906	1969	8.64	cps
Lead	207-1	1756	1978	1911	1882	6.06	cps
Lead	208-1	8073	8096	8073	8081	0.16	cps
Lithium	6-1	1778786	1762226	1763995	1768336	0.51	cps
Magnesium	24-2	450195	448776	447514	448828	0.30	cps
Manganese	55-2	93045	92404	92773	92741	0.35	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0434LREDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 11:27:20	DataFile Name :	025SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	592	842	631	30.86	cps
Molybdenum	95-1	367	525	700	531	31.43	cps
Molybdenum	96-1	433	625	825	628	31.20	cps
Molybdenum	97-1	292	458	575	442	32.24	cps
Molybdenum	98-1	700	733	850	761	10.35	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	597	617	603	606	1.68	cps
Phosphorus	31-2	292	258	208	253	16.59	cps
Potassium	39-2	117446	116538	115683	116556	0.76	cps
Rhodium	103-1	14718240	14589888	14643473	14650534	0.44	cps
Rhodium	103-2	7023469	6897218	6909179	6943288	1.00	cps
Scandium	45-1	9419281	9398580	9374837	9397566	0.24	cps
Scandium	45-2	444563	439899	441601	442021	0.53	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	137	156	117	136	14.26	cps
Selenium	82-1	-81	16	57	-3	-2318.55	cps
Silicon	28-1	1588603	1588915	1590624	1589381	0.07	cps
Silver	109-1	783	875	833	831	5.53	cps
Silver	107-1	1008	1108	1067	1061	4.73	cps
Sodium	23-2	2655729	2650238	2664171	2656712	0.26	cps
Strontium	86-1	133516	134971	133213	133900	0.70	cps
Strontium	88-1	1127143	1119251	1118466	1121620	0.43	cps
Sulfur	34-1	772150	770683	780289	774374	0.67	cps
Terbium	159-1	20549536	20614611	21082266	20748804	1.40	cps
Terbium	159-2	9726097	9662292	9854959	9747783	1.01	cps
Thallium	203-1	125	158	150	144	12.01	cps
Thallium	205-1	242	233	200	225	9.80	cps
Tin	118-1	992	1150	1242	1128	11.22	cps
Titanium	47-1	142	242	183	189	26.59	cps
Uranium	238-1	2342	2534	2242	2373	6.25	cps
Vanadium	51-2	50	60	57	56	9.17	cps
Yttrium	89-1	15973161	15982372	15736315	15897283	0.88	cps
Yttrium	89-2	2318844	2312533	2307836	2313071	0.24	cps
Zinc	66-2	243	260	267	257	4.68	cps
Zirconium	90-1	1008	1242	1067	1106	10.98	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07LREDLX100	Instrumnet Name :	P7
Client Sample ID :	S49-0434LREDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 11:27:20	DataFile Name :	025SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	242	167	192	22.59	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:30:50	DataFile Name :	026SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1274861	1285044	1278213	1279373	0.41	cps
Antimony	121-1	8041816	8179935	8197109	8139620	1.05	cps
Arsenic	75-2	305444	304811	304407	304887	0.17	cps
Barium	135-1	10695192	10786213	10701900	10727768	0.47	cps
Barium	137-1	18278432	18483416	18647676	18469841	1.00	cps
Beryllium	9-1	1169199	1182298	1184822	1178773	0.71	cps
Bismuth	209-1	12151698	12277715	12268809	12232741	0.57	cps
Bismuth	209-2	6383447	6423226	6411775	6406149	0.32	cps
Boron	10-1	385569	392841	392265	390225	1.04	cps
Boron	11-1	1928446	1963038	1956989	1949491	0.95	cps
Cadmium	111-1	1868158	1903964	1919741	1897288	1.39	cps
Cadmium	106-1	215086	217942	217336	216788	0.69	cps
Cadmium	108-1	141384	145273	143593	143417	1.36	cps
Calcium	43-1	17217811	17529343	17443739	17396964	0.93	cps
Calcium	44-1	277551815	279165565	279974756	278897378	0.44	cps
Chromium	52-2	2335448	2345093	2334177	2338239	0.26	cps
Cobalt	59-2	3757221	3772743	3751024	3760329	0.30	cps
Copper	63-2	5489670	5473294	5506799	5489921	0.31	cps
Dysprosium	156-1	1625	1617	1634	1625	0.51	cps
Dysprosium	156-2	517	613	570	567	8.54	cps
Erbium	164-1	9862	9937	9921	9907	0.40	cps
Erbium	164-2	4464	4638	4467	4523	2.19	cps
Gadolinium	160-1	1734	2034	1675	1814	10.60	cps
Gadolinium	160-2	853	853	857	854	0.23	cps
Holmium	165-1	18507447	18754013	19225676	18829045	1.94	cps
Holmium	165-2	8768082	8978747	8839957	8862262	1.21	cps
Indium	115-1	13744891	13902931	13983588	13877136	0.87	cps
Indium	115-2	2519543	2514364	2526289	2520065	0.24	cps
Iron	56-2	187090449	187534810	187188388	187271215	0.12	cps
Iron	57-2	4561139	4587863	4590200	4579734	0.35	cps
Lead	206-1	7054718	7176337	7246701	7159252	1.36	cps
Lead	207-1	5744072	5818639	5859552	5807421	1.01	cps
Lead	208-1	27462397	27884950	28019661	27789003	1.05	cps
Lithium	6-1	1674507	1666369	1681248	1674041	0.45	cps
Magnesium	24-2	55599812	55633524	55638447	55623928	0.04	cps
Manganese	55-2	10772576	10845160	10710592	10776109	0.63	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:30:50	DataFile Name :	026SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9229343	9439111	9380403	9349619	1.16	cps
Molybdenum	95-1	7698223	7908635	7813007	7806622	1.35	cps
Molybdenum	96-1	9282273	9332269	9366099	9326880	0.45	cps
Molybdenum	97-1	4817181	4820675	4854378	4830745	0.43	cps
Molybdenum	98-1	12580475	12800903	12805460	12728946	1.01	cps
Neodymium	150-1	2334	2147	2267	2249	4.21	cps
Neodymium	150-2	590	623	613	609	2.81	cps
Nickel	60-2	995501	997673	995800	996325	0.12	cps
Phosphorus	31-2	400	400	450	417	6.93	cps
Potassium	39-2	13539257	13691944	13532775	13587992	0.66	cps
Rhodium	103-1	12361840	12414939	12589205	12455328	0.95	cps
Rhodium	103-2	5760879	5759225	5766532	5762212	0.07	cps
Scandium	45-1	8362911	8372916	8474661	8403496	0.74	cps
Scandium	45-2	377465	379771	379908	379048	0.36	cps
Selenium	77-2	5331	5454	5258	5348	1.86	cps
Selenium	78-2	17965	17568	17405	17646	1.63	cps
Selenium	82-1	118138	118690	117897	118242	0.34	cps
Silicon	28-1	82915262	83076087	82819916	82937089	0.16	cps
Silver	109-1	4362928	4444163	4468477	4425189	1.25	cps
Silver	107-1	4548153	4602476	4637150	4595926	0.98	cps
Sodium	23-2	263178589	264048806	263016881	263414759	0.21	cps
Strontium	86-1	14933076	15000132	15172634	15035281	0.82	cps
Strontium	88-1	126724865	128531290	130121582	128459246	1.32	cps
Sulfur	34-1	1384639	1385437	1373269	1381115	0.49	cps
Terbium	159-1	19199533	19446718	19554046	19400099	0.94	cps
Terbium	159-2	8776378	8865731	8804218	8815443	0.52	cps
Thallium	203-1	8239147	8375179	8444638	8352988	1.25	cps
Thallium	205-1	19626096	19594586	19902329	19707670	0.86	cps
Tin	118-1	12584047	12692389	12828668	12701701	0.97	cps
Titanium	47-1	2044433	2056828	2072311	2057857	0.68	cps
Uranium	238-1	29495555	29943522	30107399	29848825	1.06	cps
Vanadium	51-2	1906781	1912756	1893987	1904508	0.50	cps
Yttrium	89-1	14204459	14370720	14559934	14378371	1.24	cps
Yttrium	89-2	2013053	2018640	2007463	2013052	0.28	cps
Zinc	66-2	732980	736081	735388	734817	0.22	cps
Zirconium	90-1	12993522	13293563	13322828	13203304	1.38	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:30:50	DataFile Name :	026SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2839775	2933254	2931635	2901554	1.84	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:34:17	DataFile Name :	027SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74980	76571	73967	75173	1.75	cps
Antimony	121-1	439937	437861	435481	437760	0.51	cps
Arsenic	75-2	17446	17373	17396	17405	0.21	cps
Barium	135-1	571326	578000	569537	572955	0.78	cps
Barium	137-1	1003786	995559	988889	996078	0.75	cps
Beryllium	9-1	69001	69571	69074	69215	0.45	cps
Bismuth	209-1	13610903	13441447	13559737	13537362	0.64	cps
Bismuth	209-2	7429442	7422581	7463279	7438434	0.29	cps
Boron	10-1	29321	27701	27543	28188	3.49	cps
Boron	11-1	142659	141792	139548	141333	1.14	cps
Cadmium	111-1	113209	113014	114891	113704	0.91	cps
Cadmium	106-1	18112	17595	17570	17759	1.72	cps
Cadmium	108-1	8332	8082	8086	8166	1.75	cps
Calcium	43-1	947506	942571	951812	947296	0.49	cps
Calcium	44-1	15524463	15450662	15533961	15503029	0.29	cps
Chromium	52-2	132230	131372	131657	131753	0.33	cps
Cobalt	59-2	215849	213557	212776	214061	0.75	cps
Copper	63-2	336832	336197	336273	336434	0.10	cps
Dysprosium	156-1	100	117	125	114	11.18	cps
Dysprosium	156-2	30	27	27	28	6.92	cps
Erbium	164-1	583	633	492	569	12.62	cps
Erbium	164-2	253	223	323	267	19.24	cps
Gadolinium	160-1	183	142	267	197	32.27	cps
Gadolinium	160-2	77	97	93	89	12.05	cps
Holmium	165-1	20170499	19727397	20106218	20001371	1.20	cps
Holmium	165-2	9528738	9511038	9402461	9480746	0.72	cps
Indium	115-1	15808478	15859208	15701786	15789824	0.51	cps
Indium	115-2	2888240	2891438	2894715	2891464	0.11	cps
Iron	56-2	10775936	10630729	10734420	10713695	0.70	cps
Iron	57-2	260031	259302	258442	259258	0.31	cps
Lead	206-1	388162	382141	386635	385646	0.81	cps
Lead	207-1	324879	318482	325038	322800	1.16	cps
Lead	208-1	1528644	1493345	1513413	1511800	1.17	cps
Lithium	6-1	1743066	1767404	1737086	1749185	0.92	cps
Magnesium	24-2	3165785	3170136	3166457	3167459	0.07	cps
Manganese	55-2	609490	602224	604601	605438	0.61	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:34:17	DataFile Name :	027SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	494586	491308	488838	491578	0.59	cps
Molybdenum	95-1	418422	412627	414586	415212	0.71	cps
Molybdenum	96-1	490307	477756	484879	484314	1.30	cps
Molybdenum	97-1	259999	256860	260725	259195	0.79	cps
Molybdenum	98-1	666672	659936	669444	665351	0.73	cps
Neodymium	150-1	93	167	87	116	38.42	cps
Neodymium	150-2	43	37	37	39	9.89	cps
Nickel	60-2	58774	58426	59132	58777	0.60	cps
Phosphorus	31-2	200	233	292	242	19.20	cps
Potassium	39-2	816304	810637	816415	814452	0.41	cps
Rhodium	103-1	14407453	14245268	14429069	14360597	0.70	cps
Rhodium	103-2	6714658	6715786	6727086	6719176	0.10	cps
Scandium	45-1	9077100	9071945	9248116	9132387	1.10	cps
Scandium	45-2	420987	420802	418467	420086	0.33	cps
Selenium	77-2	273	340	340	318	12.11	cps
Selenium	78-2	1154	1078	1248	1160	7.36	cps
Selenium	82-1	6682	6741	6740	6721	0.51	cps
Silicon	28-1	5234613	5200606	5208217	5214479	0.34	cps
Silver	109-1	261094	255798	259220	258704	1.04	cps
Silver	107-1	272088	263852	269316	268419	1.56	cps
Sodium	23-2	15065923	15026715	15047701	15046780	0.13	cps
Strontium	86-1	806417	807702	797541	803887	0.69	cps
Strontium	88-1	6989250	7046745	7024218	7020071	0.41	cps
Sulfur	34-1	752507	742471	736377	743785	1.10	cps
Terbium	159-1	20669634	20587283	20981795	20746237	1.00	cps
Terbium	159-2	9504685	9529367	9472000	9502018	0.30	cps
Thallium	203-1	447015	442720	449270	446335	0.75	cps
Thallium	205-1	1081327	1054985	1085950	1074088	1.56	cps
Tin	118-1	711375	708070	695059	704835	1.22	cps
Titanium	47-1	112528	113786	113081	113132	0.56	cps
Uranium	238-1	1518940	1504104	1502246	1508430	0.61	cps
Vanadium	51-2	105376	104419	105933	105243	0.73	cps
Yttrium	89-1	15653089	15760984	15512046	15642039	0.80	cps
Yttrium	89-2	2220753	2204854	2220725	2215444	0.41	cps
Zinc	66-2	44565	45006	44558	44709	0.57	cps
Zirconium	90-1	703765	696142	696276	698728	0.62	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:34:17	DataFile Name :	027SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	159396	157877	156413	157895	0.94	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:37:43	DataFile Name :	028CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1464851	1442973	1460225	1456017	0.79	cps
Antimony	121-1	8492590	8410497	8330910	8411332	0.96	cps
Arsenic	75-2	300144	295734	298106	297995	0.74	cps
Barium	135-1	9906056	9914011	9882545	9900871	0.17	cps
Barium	137-1	17090567	17267542	17081535	17146548	0.61	cps
Beryllium	9-1	1324540	1315761	1314331	1318211	0.42	cps
Bismuth	209-1	13371560	13326892	13285689	13328047	0.32	cps
Bismuth	209-2	7481450	7470254	7473107	7474937	0.08	cps
Boron	10-1	184454	185540	188839	186278	1.23	cps
Boron	11-1	930959	935048	953721	939909	1.29	cps
Cadmium	111-1	2097211	2089512	2096254	2094326	0.20	cps
Cadmium	106-1	237872	239130	238271	238425	0.27	cps
Cadmium	108-1	155474	155731	155639	155615	0.08	cps
Calcium	43-1	2249132	2232601	2227658	2236464	0.50	cps
Calcium	44-1	36269074	36710097	36605434	36528202	0.63	cps
Chromium	52-2	2547735	2539070	2551978	2546261	0.26	cps
Cobalt	59-2	4159073	4154837	4158097	4157336	0.05	cps
Copper	63-2	6104008	6089106	6088369	6093828	0.14	cps
Dysprosium	156-1	292	167	233	231	27.13	cps
Dysprosium	156-2	63	43	43	50	23.10	cps
Erbium	164-1	158	83	83	108	39.97	cps
Erbium	164-2	37	50	33	40	22.05	cps
Gadolinium	160-1	183	258	208	217	17.63	cps
Gadolinium	160-2	70	90	90	83	13.86	cps
Holmium	165-1	19819721	19800447	19910784	19843651	0.30	cps
Holmium	165-2	9695887	9647792	9655693	9666457	0.27	cps
Indium	115-1	15229560	15355497	15350845	15311967	0.47	cps
Indium	115-2	2916257	2883956	2897262	2899158	0.56	cps
Iron	56-2	106943189	105675866	106295288	106304781	0.60	cps
Iron	57-2	2576699	2568685	2573643	2573009	0.16	cps
Lead	206-1	6819007	7082049	7061382	6987479	2.09	cps
Lead	207-1	6187058	6220942	6188118	6198706	0.31	cps
Lead	208-1	28117734	28366917	28391185	28291945	0.53	cps
Lithium	6-1	1757105	1743399	1727423	1742642	0.85	cps
Magnesium	24-2	18257107	17933545	18217427	18136026	0.97	cps
Manganese	55-2	2838402	2819085	2844169	2833885	0.46	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:37:43	DataFile Name :	028CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7426845	7453521	7466568	7448978	0.27	cps
Molybdenum	95-1	3890290	3888467	3907733	3895497	0.27	cps
Molybdenum	96-1	5041761	5039144	5033174	5038026	0.09	cps
Molybdenum	97-1	2440215	2431877	2417633	2429908	0.47	cps
Molybdenum	98-1	6431102	6451364	6417924	6433463	0.26	cps
Neodymium	150-1	753	667	640	687	8.63	cps
Neodymium	150-2	83	57	113	84	33.57	cps
Nickel	60-2	1099617	1100443	1096328	1098796	0.20	cps
Phosphorus	31-2	83593	82730	85202	83842	1.50	cps
Potassium	39-2	9046065	8939482	9027440	9004329	0.63	cps
Rhodium	103-1	13873587	13861723	13838502	13857937	0.13	cps
Rhodium	103-2	6663337	6608286	6591375	6620999	0.57	cps
Scandium	45-1	9151534	9177192	9219293	9182673	0.37	cps
Scandium	45-2	437283	433792	436375	435817	0.42	cps
Selenium	77-2	6275	5915	5975	6055	3.19	cps
Selenium	78-2	19877	20192	20110	20060	0.82	cps
Selenium	82-1	127405	127075	126734	127072	0.26	cps
Silicon	28-1	4296778	4281556	4307572	4295302	0.30	cps
Silver	109-1	10076549	10052986	10084341	10071292	0.16	cps
Silver	107-1	10388959	10505186	10362330	10418825	0.73	cps
Sodium	23-2	35230058	35108236	35071871	35136722	0.24	cps
Strontium	86-1	2478058	2493286	2514903	2495416	0.74	cps
Strontium	88-1	21648507	22021818	21752619	21807648	0.88	cps
Sulfur	34-1	1462924	1450823	1460620	1458122	0.44	cps
Terbium	159-1	20711464	20695298	20562196	20656319	0.40	cps
Terbium	159-2	9814828	9608521	9615824	9679724	1.21	cps
Thallium	203-1	8630695	8547610	8639715	8606007	0.59	cps
Thallium	205-1	20373319	20352437	20393007	20372921	0.10	cps
Tin	118-1	6786036	6856815	6877612	6840155	0.70	cps
Titanium	47-1	1100703	1096148	1098625	1098492	0.21	cps
Uranium	238-1	30169064	29977723	29975584	30040790	0.37	cps
Vanadium	51-2	2084807	2072139	2089875	2082274	0.44	cps
Yttrium	89-1	15483985	15503315	15396162	15461154	0.37	cps
Yttrium	89-2	2283607	2259858	2273440	2272301	0.52	cps
Zinc	66-2	863716	852175	855630	857174	0.69	cps
Zirconium	90-1	13985840	13861674	13906420	13917978	0.45	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:37:43	DataFile Name :	028CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3079551	3082741	3076423	3079572	0.10	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:50:20	DataFile Name :	030CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	50	56	17.32	cps
Antimony	121-1	4826	5776	6677	5760	16.07	cps
Arsenic	75-2	67	76	69	70	6.96	cps
Barium	135-1	142	67	108	106	35.60	cps
Barium	137-1	117	158	192	156	24.16	cps
Beryllium	9-1	144	150	161	152	5.59	cps
Bismuth	209-1	13714549	13592562	13651111	13652741	0.45	cps
Bismuth	209-2	7664256	7622553	7670552	7652453	0.34	cps
Boron	10-1	2125	2042	2042	2070	2.32	cps
Boron	11-1	10562	10120	10154	10279	2.39	cps
Cadmium	111-1	4173	4098	3964	4078	2.59	cps
Cadmium	106-1	5935	5860	5651	5815	2.53	cps
Cadmium	108-1	33	29	13	25	44.09	cps
Calcium	43-1	300	367	308	325	11.18	cps
Calcium	44-1	14574	14291	13957	14274	2.16	cps
Chromium	52-2	1640	1403	1397	1480	9.37	cps
Cobalt	59-2	153	133	137	141	7.59	cps
Copper	63-2	10674	11488	10888	11017	3.83	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	43	53	23	40	38.19	cps
Gadolinium	160-1	192	108	92	131	41.04	cps
Gadolinium	160-2	53	53	67	58	13.33	cps
Holmium	165-1	19424396	19429248	19544347	19465997	0.35	cps
Holmium	165-2	9657818	9535995	9508596	9567470	0.83	cps
Indium	115-1	15560457	15659731	15704286	15641492	0.47	cps
Indium	115-2	2974724	2958891	2949701	2961105	0.43	cps
Iron	56-2	7652	7630	7519	7600	0.94	cps
Iron	57-2	122	156	161	146	14.38	cps
Lead	206-1	2873	2739	2867	2826	2.67	cps
Lead	207-1	2650	2523	2867	2680	6.50	cps
Lead	208-1	11814	11391	12258	11821	3.67	cps
Lithium	6-1	1769084	1746720	1766538	1760781	0.70	cps
Magnesium	24-2	550	450	350	450	22.22	cps
Manganese	55-2	187	197	170	184	7.30	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:50:20	DataFile Name :	030CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	908	1225	1225	1120	16.33	cps
Molybdenum	95-1	833	958	1375	1056	26.87	cps
Molybdenum	96-1	1033	1392	1567	1331	20.43	cps
Molybdenum	97-1	492	825	933	750	30.69	cps
Molybdenum	98-1	1400	1925	2167	1831	21.41	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	467	350	423	413	14.27	cps
Phosphorus	31-2	300	267	225	264	14.24	cps
Potassium	39-2	52293	51624	50947	51621	1.30	cps
Rhodium	103-1	14481464	14392265	14604402	14492711	0.73	cps
Rhodium	103-2	6975628	6843502	6832520	6883883	1.16	cps
Scandium	45-1	9301390	9142022	9188019	9210477	0.89	cps
Scandium	45-2	437487	437445	434548	436494	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	137	107	115	16.39	cps
Selenium	82-1	-62	-86	-433	-194	-106.97	cps
Silicon	28-1	462232	463214	464028	463158	0.19	cps
Silver	109-1	617	475	492	528	14.67	cps
Silver	107-1	558	625	775	653	17.00	cps
Sodium	23-2	42996	41516	43029	42514	2.03	cps
Strontium	86-1	5643	6202	6118	5988	5.03	cps
Strontium	88-1	650	742	550	647	14.81	cps
Sulfur	34-1	723582	729160	733559	728767	0.69	cps
Terbium	159-1	20542568	20393244	20372729	20436180	0.45	cps
Terbium	159-2	9630462	9533574	9611995	9592010	0.54	cps
Thallium	203-1	308	367	325	333	9.01	cps
Thallium	205-1	975	842	983	933	8.52	cps
Tin	118-1	1550	1717	1650	1639	5.12	cps
Titanium	47-1	142	108	167	139	21.07	cps
Uranium	238-1	250	208	317	258	21.15	cps
Vanadium	51-2	33	40	37	37	9.10	cps
Yttrium	89-1	15349687	15591841	15525459	15488996	0.81	cps
Yttrium	89-2	2289151	2278872	2269022	2279015	0.44	cps
Zinc	66-2	143	153	157	151	4.59	cps
Zirconium	90-1	1350	1383	1442	1392	3.33	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:50:20	DataFile Name :	030CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	342	358	319	16.77	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:53:48	DataFile Name :	031SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1296198	1302624	1294638	1297820	0.33	cps
Antimony	121-1	8293338	8259748	8277063	8276716	0.20	cps
Arsenic	75-2	307222	307734	305188	306715	0.44	cps
Barium	135-1	10996733	10969665	10925288	10963895	0.33	cps
Barium	137-1	18967308	19090235	19054957	19037500	0.33	cps
Beryllium	9-1	1197313	1189444	1186744	1191167	0.46	cps
Bismuth	209-1	12188761	12259042	12401410	12283071	0.88	cps
Bismuth	209-2	6362518	6413613	6423456	6399862	0.51	cps
Boron	10-1	395929	395030	401173	397377	0.84	cps
Boron	11-1	1968179	1986986	1993908	1983024	0.67	cps
Cadmium	111-1	1931053	1922475	1922027	1925185	0.26	cps
Cadmium	106-1	219069	220000	217392	218820	0.60	cps
Cadmium	108-1	143449	145277	144718	144481	0.65	cps
Calcium	43-1	17624716	17663939	17547268	17611974	0.34	cps
Calcium	44-1	281442006	282229698	281123490	281598398	0.20	cps
Chromium	52-2	2364086	2364308	2356811	2361735	0.18	cps
Cobalt	59-2	3776970	3806321	3767512	3783601	0.53	cps
Copper	63-2	5543472	5575205	5565593	5561423	0.29	cps
Dysprosium	156-1	1617	1608	1667	1631	1.94	cps
Dysprosium	156-2	513	493	470	492	4.41	cps
Erbium	164-1	9804	9687	10446	9979	4.10	cps
Erbium	164-2	4574	4821	4578	4658	3.04	cps
Gadolinium	160-1	1400	1725	1859	1661	14.19	cps
Gadolinium	160-2	863	887	893	881	1.79	cps
Holmium	165-1	18882755	19052578	19051373	18995569	0.51	cps
Holmium	165-2	8875741	8832384	8996447	8901524	0.96	cps
Indium	115-1	13990679	14060581	14068173	14039811	0.30	cps
Indium	115-2	2525020	2537291	2515650	2525987	0.43	cps
Iron	56-2	190312488	188981776	189092121	189462128	0.39	cps
Iron	57-2	4613071	4656446	4622219	4630579	0.49	cps
Lead	206-1	7221331	7254900	7315664	7263965	0.66	cps
Lead	207-1	5817171	5892075	5940679	5883308	1.06	cps
Lead	208-1	27769320	27991956	28327800	28029692	1.00	cps
Lithium	6-1	1713795	1719522	1724322	1719213	0.31	cps
Magnesium	24-2	55997428	56081976	55561085	55880163	0.50	cps
Manganese	55-2	10894641	10767275	10841523	10834480	0.59	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:53:48	DataFile Name :	031SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9455273	9633445	9554006	9547575	0.93	cps
Molybdenum	95-1	7872619	7983470	7942377	7932822	0.71	cps
Molybdenum	96-1	9499375	9504653	9539010	9514346	0.23	cps
Molybdenum	97-1	4889185	4908668	4957884	4918579	0.72	cps
Molybdenum	98-1	12823533	12953196	13143330	12973353	1.24	cps
Neodymium	150-1	2387	2027	2187	2200	8.20	cps
Neodymium	150-2	710	610	617	646	8.66	cps
Nickel	60-2	997126	1004418	999568	1000371	0.37	cps
Phosphorus	31-2	425	450	383	419	8.03	cps
Potassium	39-2	13701544	13644149	13590423	13645372	0.41	cps
Rhodium	103-1	12349821	12429164	12610273	12463086	1.07	cps
Rhodium	103-2	5726088	5766053	5756816	5749653	0.36	cps
Scandium	45-1	8385396	8314439	8451823	8383886	0.82	cps
Scandium	45-2	377992	379378	376128	377833	0.43	cps
Selenium	77-2	5441	5301	5424	5389	1.42	cps
Selenium	78-2	17485	17691	17551	17576	0.60	cps
Selenium	82-1	119032	119081	119627	119247	0.28	cps
Silicon	28-1	83593014	83638737	82609098	83280283	0.70	cps
Silver	109-1	4429901	4436469	4431468	4432613	0.08	cps
Silver	107-1	4598089	4640041	4640562	4626231	0.53	cps
Sodium	23-2	263204039	265312423	262965173	263827211	0.49	cps
Strontium	86-1	15147203	15253318	15235510	15212011	0.37	cps
Strontium	88-1	130494195	131408557	129987828	130630193	0.55	cps
Sulfur	34-1	1393912	1379501	1365411	1379608	1.03	cps
Terbium	159-1	19523755	19560148	19901746	19661883	1.06	cps
Terbium	159-2	8799569	8886330	8839062	8841653	0.49	cps
Thallium	203-1	8383309	8407675	8488386	8426457	0.65	cps
Thallium	205-1	19799559	19940008	20181395	19973654	0.97	cps
Tin	118-1	13036995	12956676	13093972	13029214	0.53	cps
Titanium	47-1	2091465	2085511	2089567	2088848	0.15	cps
Uranium	238-1	29726345	29951995	30562337	30080226	1.44	cps
Vanadium	51-2	1918117	1925150	1916441	1919903	0.24	cps
Yttrium	89-1	14481814	14515820	14441872	14479835	0.26	cps
Yttrium	89-2	2016956	2027450	2013120	2019175	0.37	cps
Zinc	66-2	741848	746195	743912	743985	0.29	cps
Zirconium	90-1	13412562	13508549	13467098	13462736	0.36	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDRE	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 11:53:48	DataFile Name :	031SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2956242	2973267	2961902	2963803	0.29	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:57:17	DataFile Name :	032SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77182	75625	77191	76666	1.18	cps
Antimony	121-1	444146	449294	447608	447016	0.59	cps
Arsenic	75-2	17791	17410	17707	17636	1.13	cps
Barium	135-1	581666	587841	582708	584072	0.57	cps
Barium	137-1	1011766	1027596	1019313	1019559	0.78	cps
Beryllium	9-1	70374	68861	69012	69416	1.20	cps
Bismuth	209-1	13468731	13452565	13476262	13465853	0.09	cps
Bismuth	209-2	7527985	7479930	7549322	7519079	0.47	cps
Boron	10-1	29004	29455	29137	29198	0.79	cps
Boron	11-1	147084	146815	145754	146551	0.48	cps
Cadmium	111-1	116172	113524	115314	115003	1.18	cps
Cadmium	106-1	18012	18579	18029	18207	1.77	cps
Cadmium	108-1	8298	8440	8228	8322	1.30	cps
Calcium	43-1	966214	957697	961494	961801	0.44	cps
Calcium	44-1	15866817	15768220	15695743	15776926	0.54	cps
Chromium	52-2	134197	134631	136646	135158	0.97	cps
Cobalt	59-2	216417	217730	217567	217238	0.33	cps
Copper	63-2	344106	340435	342270	342271	0.54	cps
Dysprosium	156-1	92	92	108	97	9.90	cps
Dysprosium	156-2	30	33	37	33	10.01	cps
Erbium	164-1	458	700	750	636	24.52	cps
Erbium	164-2	247	273	263	261	5.16	cps
Gadolinium	160-1	292	200	300	264	21.03	cps
Gadolinium	160-2	103	107	140	117	17.38	cps
Holmium	165-1	20271740	20127641	20203766	20201049	0.36	cps
Holmium	165-2	9652913	9647962	9626181	9642352	0.15	cps
Indium	115-1	15759498	15587112	15695927	15680846	0.56	cps
Indium	115-2	2907003	2907697	2896876	2903859	0.21	cps
Iron	56-2	10965947	10843379	11006015	10938447	0.77	cps
Iron	57-2	265932	261929	263561	263807	0.76	cps
Lead	206-1	394393	384156	386366	388305	1.39	cps
Lead	207-1	329001	323234	320526	324254	1.33	cps
Lead	208-1	1543492	1513954	1512053	1523166	1.16	cps
Lithium	6-1	1725962	1740988	1749330	1738760	0.68	cps
Magnesium	24-2	3212291	3234908	3239694	3228964	0.45	cps
Manganese	55-2	614743	616811	620129	617228	0.44	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:57:17	DataFile Name :	032SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	505639	506714	504778	505710	0.19	cps
Molybdenum	95-1	420340	426981	426266	424529	0.86	cps
Molybdenum	96-1	496862	497494	506713	500356	1.10	cps
Molybdenum	97-1	268035	263916	266327	266093	0.78	cps
Molybdenum	98-1	680153	686307	686473	684311	0.53	cps
Neodymium	150-1	107	113	120	113	5.88	cps
Neodymium	150-2	37	40	37	38	5.09	cps
Nickel	60-2	59493	59457	59155	59369	0.31	cps
Phosphorus	31-2	258	275	317	283	10.61	cps
Potassium	39-2	828456	821514	830213	826728	0.56	cps
Rhodium	103-1	14479341	14487686	14450437	14472488	0.14	cps
Rhodium	103-2	6740836	6778302	6758810	6759316	0.28	cps
Scandium	45-1	9119702	9132132	9083940	9111925	0.27	cps
Scandium	45-2	417747	418348	420922	419006	0.40	cps
Selenium	77-2	327	360	330	339	5.42	cps
Selenium	78-2	1207	1235	1156	1199	3.37	cps
Selenium	82-1	7022	7056	6734	6937	2.55	cps
Silicon	28-1	5285137	5247945	5283067	5272050	0.40	cps
Silver	109-1	261069	257447	254212	257576	1.33	cps
Silver	107-1	272258	269164	268392	269938	0.76	cps
Sodium	23-2	15307977	15200578	15214615	15241057	0.38	cps
Strontium	86-1	807743	819725	818551	815339	0.81	cps
Strontium	88-1	7054061	7113181	7136148	7101130	0.60	cps
Sulfur	34-1	742943	735238	735757	737979	0.58	cps
Terbium	159-1	20634261	21050965	21091552	20925592	1.21	cps
Terbium	159-2	9531288	9519390	9615135	9555271	0.55	cps
Thallium	203-1	456817	455544	452068	454810	0.54	cps
Thallium	205-1	1092949	1081364	1077519	1083944	0.74	cps
Tin	118-1	721999	718502	722255	720919	0.29	cps
Titanium	47-1	116567	115978	116222	116255	0.25	cps
Uranium	238-1	1514050	1502501	1517212	1511255	0.51	cps
Vanadium	51-2	106762	106289	107394	106815	0.52	cps
Yttrium	89-1	15404208	15563396	15744149	15570584	1.09	cps
Yttrium	89-2	2226327	2232195	2233195	2230572	0.17	cps
Zinc	66-2	45652	45029	46788	45823	1.95	cps
Zirconium	90-1	701669	713798	715950	710472	1.08	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07MSDREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434MSDREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 11:57:17	DataFile Name :	032SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	155848	161182	157608	158213	1.72	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07ARE	Instrumnet Name :	P7
Client Sample ID :	S49-0434ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:00:44	DataFile Name :	033SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1283092	1287181	1283223	1284499	0.18	cps
Antimony	121-1	8204657	8311533	8372679	8296290	1.03	cps
Arsenic	75-2	303760	305284	305810	304951	0.35	cps
Barium	135-1	10888447	11103912	10948529	10980296	1.01	cps
Barium	137-1	18895701	19303058	19039698	19079485	1.08	cps
Beryllium	9-1	1181639	1185146	1186641	1184475	0.22	cps
Bismuth	209-1	12167214	12165125	11986334	12106224	0.86	cps
Bismuth	209-2	6237309	6321415	6347675	6302133	0.91	cps
Boron	10-1	388840	395265	397802	393969	1.17	cps
Boron	11-1	1940959	1969267	1985660	1965295	1.15	cps
Cadmium	111-1	1899880	1934996	1943525	1926134	1.20	cps
Cadmium	106-1	218993	222504	221184	220894	0.80	cps
Cadmium	108-1	144057	145659	145660	145125	0.64	cps
Calcium	43-1	17556952	17860694	17808145	17741930	0.91	cps
Calcium	44-1	280908715	283512515	284114165	282845131	0.60	cps
Chromium	52-2	2367893	2365234	2361822	2364983	0.13	cps
Cobalt	59-2	3787219	3791688	3791018	3789975	0.06	cps
Copper	63-2	5541321	5527448	5524769	5531179	0.16	cps
Dysprosium	156-1	1650	2025	1575	1750	13.78	cps
Dysprosium	156-2	547	580	457	528	12.09	cps
Erbium	164-1	9912	10329	10371	10204	2.49	cps
Erbium	164-2	4698	4524	4568	4596	1.96	cps
Gadolinium	160-1	1942	1834	1809	1861	3.81	cps
Gadolinium	160-2	907	940	857	901	4.65	cps
Holmium	165-1	18884163	18973312	19082309	18979928	0.52	cps
Holmium	165-2	8778820	8829734	8863807	8824120	0.48	cps
Indium	115-1	13894802	13876996	13846589	13872796	0.18	cps
Indium	115-2	2466544	2467447	2471370	2468454	0.10	cps
Iron	56-2	190034026	190078271	188808838	189640378	0.38	cps
Iron	57-2	4629588	4636190	4625826	4630535	0.11	cps
Lead	206-1	7229801	7340971	7410356	7327043	1.24	cps
Lead	207-1	5882110	5925265	5956264	5921213	0.63	cps
Lead	208-1	27964801	28363195	28453943	28260646	0.92	cps
Lithium	6-1	1621391	1630163	1628421	1626658	0.29	cps
Magnesium	24-2	55643816	55549147	55258343	55483769	0.36	cps
Manganese	55-2	10852552	10858444	10835732	10848909	0.11	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07ARE	Instrumnet Name :	P7
Client Sample ID :	S49-0434ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:00:44	DataFile Name :	033SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9454727	9734219	9677198	9622048	1.53	cps
Molybdenum	95-1	7919313	7990433	8095311	8001686	1.11	cps
Molybdenum	96-1	9396712	9542539	9604109	9514453	1.12	cps
Molybdenum	97-1	4879522	4971503	4952626	4934550	0.98	cps
Molybdenum	98-1	13003023	13149171	13103422	13085206	0.57	cps
Neodymium	150-1	2154	2160	2294	2202	3.59	cps
Neodymium	150-2	590	577	603	590	2.26	cps
Nickel	60-2	1006417	1005190	1001767	1004458	0.24	cps
Phosphorus	31-2	467	375	450	431	11.34	cps
Potassium	39-2	13509070	13503089	13627288	13546482	0.52	cps
Rhodium	103-1	12224957	12530878	12575384	12443740	1.53	cps
Rhodium	103-2	5638883	5651275	5695055	5661738	0.52	cps
Scandium	45-1	8252090	8303686	8331210	8295662	0.48	cps
Scandium	45-2	367999	368746	374318	370354	0.93	cps
Selenium	77-2	5238	5231	5254	5241	0.23	cps
Selenium	78-2	17574	17238	17479	17430	0.99	cps
Selenium	82-1	119118	120019	120709	119949	0.66	cps
Silicon	28-1	82289329	83008348	82388958	82562212	0.47	cps
Silver	109-1	4383884	4482975	4458865	4441908	1.16	cps
Silver	107-1	4582482	4658564	4651872	4630973	0.91	cps
Sodium	23-2	261935706	262561481	264012639	262836609	0.41	cps
Strontium	86-1	15193608	15436539	15330267	15320138	0.79	cps
Strontium	88-1	129862115	131380936	131381365	130874806	0.67	cps
Sulfur	34-1	1347021	1357645	1342673	1349113	0.57	cps
Terbium	159-1	19308901	19719003	19803185	19610363	1.35	cps
Terbium	159-2	8732851	8743027	8795879	8757253	0.39	cps
Thallium	203-1	8338831	8467329	8525425	8443861	1.13	cps
Thallium	205-1	19708466	20309263	20315746	20111159	1.73	cps
Tin	118-1	13062845	13010485	13205352	13092894	0.77	cps
Titanium	47-1	2074166	2097244	2101572	2090994	0.70	cps
Uranium	238-1	30489965	30687666	30684592	30620741	0.37	cps
Vanadium	51-2	1904122	1902611	1916343	1907692	0.39	cps
Yttrium	89-1	14184589	14408927	14469335	14354284	1.05	cps
Yttrium	89-2	1971989	1981258	1988791	1980679	0.42	cps
Zinc	66-2	738930	736853	738279	738021	0.14	cps
Zirconium	90-1	13356913	13679557	13763142	13599871	1.58	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07ARE	Instrumnet Name :	P7
Client Sample ID :	S49-0434ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:00:44	DataFile Name :	033SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2946937	2998613	3014086	2986545	1.18	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07AREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434AREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 12:04:12	DataFile Name :	034SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73397	75122	73875	74131	1.20	cps
Antimony	121-1	447991	447982	447943	447972	0.01	cps
Arsenic	75-2	17236	16973	17051	17087	0.79	cps
Barium	135-1	589550	579258	588808	585872	0.98	cps
Barium	137-1	1036641	1005777	1019268	1020562	1.52	cps
Beryllium	9-1	70067	68454	69375	69299	1.17	cps
Bismuth	209-1	13725483	13895823	13885307	13835537	0.69	cps
Bismuth	209-2	7436752	7451497	7402987	7430412	0.33	cps
Boron	10-1	30540	29947	30582	30356	1.17	cps
Boron	11-1	156225	150341	149860	152142	2.33	cps
Cadmium	111-1	115704	116586	115156	115816	0.62	cps
Cadmium	106-1	17795	18354	17829	17993	1.74	cps
Cadmium	108-1	8169	8895	8265	8443	4.67	cps
Calcium	43-1	957729	959630	952599	956653	0.38	cps
Calcium	44-1	15716415	15642079	15561784	15640093	0.49	cps
Chromium	52-2	132622	132182	133904	132903	0.67	cps
Cobalt	59-2	214575	215715	216435	215575	0.44	cps
Copper	63-2	336374	332683	337132	335396	0.71	cps
Dysprosium	156-1	75	150	92	106	37.31	cps
Dysprosium	156-2	40	40	37	39	4.94	cps
Erbium	164-1	683	525	567	592	13.87	cps
Erbium	164-2	290	257	297	281	7.62	cps
Gadolinium	160-1	233	192	183	203	13.21	cps
Gadolinium	160-2	110	110	90	103	11.17	cps
Holmium	165-1	20317930	20239914	20084513	20214119	0.59	cps
Holmium	165-2	9502843	9414770	9515378	9477664	0.58	cps
Indium	115-1	15809990	16014351	16059730	15961357	0.83	cps
Indium	115-2	2848750	2856141	2863840	2856244	0.26	cps
Iron	56-2	10674486	10654135	10818404	10715675	0.84	cps
Iron	57-2	255826	258856	259323	258001	0.74	cps
Lead	206-1	383179	389161	385714	386018	0.78	cps
Lead	207-1	324775	331603	326911	327763	1.07	cps
Lead	208-1	1526538	1541717	1533085	1533780	0.50	cps
Lithium	6-1	1751056	1738210	1773484	1754250	1.02	cps
Magnesium	24-2	3141315	3112399	3162072	3138595	0.79	cps
Manganese	55-2	596726	601264	607177	601722	0.87	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07AREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434AREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 12:04:12	DataFile Name :	034SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	507962	494736	500383	501027	1.32	cps
Molybdenum	95-1	422269	421718	416603	420197	0.74	cps
Molybdenum	96-1	498583	493401	487019	493001	1.17	cps
Molybdenum	97-1	263222	264550	258847	262206	1.14	cps
Molybdenum	98-1	679715	685161	664018	676298	1.62	cps
Neodymium	150-1	100	113	173	129	30.31	cps
Neodymium	150-2	17	40	40	32	41.80	cps
Nickel	60-2	58610	58533	58610	58584	0.08	cps
Phosphorus	31-2	200	217	208	208	4.00	cps
Potassium	39-2	800055	800760	808278	803031	0.57	cps
Rhodium	103-1	14512429	14570135	14403799	14495454	0.58	cps
Rhodium	103-2	6674036	6636269	6737504	6682603	0.77	cps
Scandium	45-1	9231083	9232274	9089021	9184126	0.90	cps
Scandium	45-2	409625	409964	414729	411439	0.69	cps
Selenium	77-2	307	347	283	312	10.26	cps
Selenium	78-2	1170	1239	1150	1186	3.92	cps
Selenium	82-1	6695	7019	6929	6881	2.43	cps
Silicon	28-1	5247855	5194957	5210281	5217698	0.52	cps
Silver	109-1	255627	259347	256682	257219	0.75	cps
Silver	107-1	268842	270178	268390	269137	0.35	cps
Sodium	23-2	14854378	14900982	15017772	14924377	0.56	cps
Strontium	86-1	819353	817021	825215	820530	0.51	cps
Strontium	88-1	7221220	7163543	7215844	7200202	0.44	cps
Sulfur	34-1	735528	736057	736924	736170	0.10	cps
Terbium	159-1	21217143	21034421	21041888	21097817	0.49	cps
Terbium	159-2	9526338	9492388	9464753	9494493	0.32	cps
Thallium	203-1	449201	451802	445817	448940	0.67	cps
Thallium	205-1	1081421	1096743	1071520	1083228	1.17	cps
Tin	118-1	722531	723869	717805	721402	0.44	cps
Titanium	47-1	113283	115029	113350	113887	0.87	cps
Uranium	238-1	1523843	1522811	1530068	1525574	0.26	cps
Vanadium	51-2	104464	104107	104805	104459	0.33	cps
Yttrium	89-1	15613263	15725157	15995294	15777905	1.24	cps
Yttrium	89-2	2178789	2178285	2207436	2188170	0.76	cps
Zinc	66-2	43899	44628	44652	44393	0.96	cps
Zirconium	90-1	714343	701387	718390	711373	1.25	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2905-07AREDLX20	Instrumnet Name :	P7
Client Sample ID :	S49-0434AREDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 12:04:12	DataFile Name :	034SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	162292	157771	158656	159573	1.50	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:07:39	DataFile Name :	035CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1433161	1433706	1438395	1435087	0.20	cps
Antimony	121-1	8545080	8461719	8456460	8487753	0.59	cps
Arsenic	75-2	295039	295350	295991	295460	0.16	cps
Barium	135-1	10089410	10053096	10122080	10088195	0.34	cps
Barium	137-1	17505472	17469786	17579355	17518205	0.32	cps
Beryllium	9-1	1313834	1313818	1316317	1314656	0.11	cps
Bismuth	209-1	13485759	13467270	13553005	13502011	0.33	cps
Bismuth	209-2	7484467	7427013	7533031	7481504	0.71	cps
Boron	10-1	186333	183748	188781	186287	1.35	cps
Boron	11-1	925589	935291	947225	936035	1.16	cps
Cadmium	111-1	2114690	2114781	2118087	2115852	0.09	cps
Cadmium	106-1	239925	242687	240815	241142	0.58	cps
Cadmium	108-1	156975	156023	158347	157115	0.74	cps
Calcium	43-1	2236967	2242681	2258620	2246089	0.50	cps
Calcium	44-1	36445546	36895046	37108460	36816350	0.92	cps
Chromium	52-2	2528854	2525139	2524958	2526317	0.09	cps
Cobalt	59-2	4118867	4118473	4116156	4117832	0.04	cps
Copper	63-2	6125709	6062602	6154974	6114428	0.77	cps
Dysprosium	156-1	200	258	225	228	12.85	cps
Dysprosium	156-2	47	60	63	57	15.56	cps
Erbium	164-1	117	92	100	103	12.39	cps
Erbium	164-2	30	33	43	36	19.51	cps
Gadolinium	160-1	233	175	233	214	15.75	cps
Gadolinium	160-2	60	87	127	91	36.83	cps
Holmium	165-1	19954374	20257904	20177716	20129998	0.78	cps
Holmium	165-2	9741404	9666442	9736318	9714721	0.43	cps
Indium	115-1	15542376	15512560	15699089	15584675	0.64	cps
Indium	115-2	2891714	2908083	2902203	2900667	0.29	cps
Iron	56-2	105543247	105824336	105199588	105522390	0.30	cps
Iron	57-2	2562947	2546147	2545618	2551570	0.39	cps
Lead	206-1	7034620	7099156	7138301	7090692	0.74	cps
Lead	207-1	6180506	6227679	6246331	6218172	0.55	cps
Lead	208-1	28162626	28493122	28743693	28466480	1.02	cps
Lithium	6-1	1751714	1750005	1735274	1745664	0.52	cps
Magnesium	24-2	17959728	17879901	17969938	17936522	0.27	cps
Manganese	55-2	2813307	2815087	2808815	2812403	0.11	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:07:39	DataFile Name :	035CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7586657	7546545	7542004	7558402	0.33	cps
Molybdenum	95-1	3960243	3924377	3936059	3940226	0.46	cps
Molybdenum	96-1	5083653	5061546	5104791	5083330	0.43	cps
Molybdenum	97-1	2453120	2452875	2441600	2449198	0.27	cps
Molybdenum	98-1	6528038	6528438	6469169	6508548	0.52	cps
Neodymium	150-1	793	733	773	767	3.99	cps
Neodymium	150-2	63	57	30	50	35.28	cps
Nickel	60-2	1089025	1090822	1090059	1089969	0.08	cps
Phosphorus	31-2	82411	80150	82269	81610	1.55	cps
Potassium	39-2	8910346	8909780	8930490	8916872	0.13	cps
Rhodium	103-1	13996442	14131492	14079781	14069238	0.48	cps
Rhodium	103-2	6619459	6653763	6546070	6606430	0.83	cps
Scandium	45-1	9211360	9240890	9340514	9264255	0.73	cps
Scandium	45-2	430696	432218	434267	432393	0.41	cps
Selenium	77-2	5975	5978	6031	5995	0.53	cps
Selenium	78-2	20057	19943	20164	20055	0.55	cps
Selenium	82-1	128655	128560	128873	128696	0.12	cps
Silicon	28-1	4263468	4305783	4375374	4314875	1.31	cps
Silver	109-1	10166969	10124563	10090882	10127471	0.38	cps
Silver	107-1	10552227	10572572	10634035	10586278	0.40	cps
Sodium	23-2	34416454	34383012	34833126	34544197	0.73	cps
Strontium	86-1	2532536	2526115	2509694	2522781	0.47	cps
Strontium	88-1	22210079	22234353	21943819	22129417	0.73	cps
Sulfur	34-1	1469071	1465576	1459103	1464584	0.35	cps
Terbium	159-1	20701001	20842168	20895616	20812928	0.48	cps
Terbium	159-2	9777204	9658519	9717518	9717747	0.61	cps
Thallium	203-1	8580945	8716862	8714479	8670762	0.90	cps
Thallium	205-1	20443121	20542722	20652275	20546040	0.51	cps
Tin	118-1	6888643	6931562	7028984	6949730	1.03	cps
Titanium	47-1	1103426	1101309	1111602	1105445	0.49	cps
Uranium	238-1	29920276	30151693	30330981	30134317	0.68	cps
Vanadium	51-2	2060633	2066633	2068548	2065271	0.20	cps
Yttrium	89-1	15604889	15735149	15479880	15606639	0.82	cps
Yttrium	89-2	2267333	2268011	2271726	2269023	0.10	cps
Zinc	66-2	845188	847424	849968	847527	0.28	cps
Zirconium	90-1	13976397	14064661	14107067	14049375	0.47	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:07:39	DataFile Name :	035CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3110126	3112993	3116643	3113254	0.10	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:16:21	DataFile Name :	036CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	33	39	44.61	cps
Antimony	121-1	10429	13157	17036	13541	24.52	cps
Arsenic	75-2	89	94	94	93	3.47	cps
Barium	135-1	117	108	75	100	22.05	cps
Barium	137-1	133	117	108	119	10.66	cps
Beryllium	9-1	244	167	239	217	20.03	cps
Bismuth	209-1	13545597	13797828	13662364	13668596	0.92	cps
Bismuth	209-2	7668062	7623186	7646087	7645778	0.29	cps
Boron	10-1	3059	2842	2967	2956	3.68	cps
Boron	11-1	15509	14666	15208	15128	2.82	cps
Cadmium	111-1	4066	3855	4114	4012	3.44	cps
Cadmium	106-1	5801	5476	5877	5718	3.72	cps
Cadmium	108-1	17	29	29	25	28.86	cps
Calcium	43-1	400	233	308	314	26.60	cps
Calcium	44-1	14166	15008	14374	14516	3.02	cps
Chromium	52-2	1423	1597	1557	1526	5.95	cps
Cobalt	59-2	117	127	103	116	10.13	cps
Copper	63-2	11281	11428	11038	11249	1.75	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	42	75	50	56	31.22	cps
Erbium	164-2	27	30	40	32	21.53	cps
Gadolinium	160-1	83	117	117	106	18.23	cps
Gadolinium	160-2	33	53	30	39	32.45	cps
Holmium	165-1	19703913	19882730	19411439	19666028	1.21	cps
Holmium	165-2	9548812	9563280	9589096	9567063	0.21	cps
Indium	115-1	15608042	15659172	15704505	15657240	0.31	cps
Indium	115-2	2949247	2929161	2947854	2942087	0.38	cps
Iron	56-2	7691	7808	7758	7752	0.76	cps
Iron	57-2	167	200	156	174	13.29	cps
Lead	206-1	3723	3389	3812	3641	6.11	cps
Lead	207-1	3323	3351	3056	3243	5.01	cps
Lead	208-1	14470	14292	14398	14387	0.62	cps
Lithium	6-1	1743354	1748206	1740538	1744032	0.22	cps
Magnesium	24-2	458	325	367	383	17.79	cps
Manganese	55-2	203	207	203	204	0.94	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:16:21	DataFile Name :	036CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1250	1392	1900	1514	22.58	cps
Molybdenum	95-1	1025	1792	2059	1625	33.01	cps
Molybdenum	96-1	1667	1975	2150	1931	12.68	cps
Molybdenum	97-1	650	1125	1383	1053	35.33	cps
Molybdenum	98-1	1984	2909	3276	2723	24.45	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	387	367	357	370	4.13	cps
Phosphorus	31-2	292	217	167	225	27.97	cps
Potassium	39-2	50754	49416	49826	49999	1.37	cps
Rhodium	103-1	14395941	14401966	14162716	14320208	0.95	cps
Rhodium	103-2	6768452	6826106	6825377	6806645	0.49	cps
Scandium	45-1	9102988	9119299	9051088	9091125	0.39	cps
Scandium	45-2	431255	428961	432276	430831	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	126	102	113	114	10.61	cps
Selenium	82-1	147	-98	-49	0	-81112.45	cps
Silicon	28-1	454140	458449	454161	455583	0.54	cps
Silver	109-1	667	750	650	689	7.78	cps
Silver	107-1	883	708	758	783	11.51	cps
Sodium	23-2	45018	44091	45244	44785	1.36	cps
Strontium	86-1	6627	5893	5576	6032	8.93	cps
Strontium	88-1	633	533	717	628	14.62	cps
Sulfur	34-1	703800	701391	702107	702433	0.18	cps
Terbium	159-1	20177003	20511944	20418397	20369115	0.85	cps
Terbium	159-2	9738838	9586346	9516305	9613830	1.18	cps
Thallium	203-1	633	583	467	561	15.24	cps
Thallium	205-1	1033	1042	1175	1083	7.34	cps
Tin	118-1	1884	2184	2567	2211	15.49	cps
Titanium	47-1	208	217	208	211	2.28	cps
Uranium	238-1	217	192	325	244	28.99	cps
Vanadium	51-2	67	63	27	52	42.50	cps
Yttrium	89-1	15345987	15506033	15351720	15401247	0.59	cps
Yttrium	89-2	2246066	2251590	2246045	2247900	0.14	cps
Zinc	66-2	193	153	150	166	14.57	cps
Zirconium	90-1	1734	1558	1850	1714	8.57	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 12:16:21	DataFile Name :	036CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	317	383	375	14.57	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BL	Instrumnet Name :	P7
Client Sample ID :	PB98743BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:18:46	DataFile Name :	037SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	58	39	44.62	cps
Antimony	121-1	3317	4668	5243	4409	22.42	cps
Arsenic	75-2	17	22	26	22	21.57	cps
Barium	135-1	67	17	75	53	59.77	cps
Barium	137-1	50	117	100	89	39.03	cps
Beryllium	9-1	83	89	89	87	3.68	cps
Bismuth	209-1	13335774	13207608	13132044	13225142	0.78	cps
Bismuth	209-2	7531521	7620924	7518547	7556998	0.74	cps
Boron	10-1	475	508	642	542	16.28	cps
Boron	11-1	2659	2775	2584	2673	3.61	cps
Cadmium	111-1	3932	4005	3830	3922	2.24	cps
Cadmium	106-1	5618	5718	5476	5604	2.17	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	267	308	192	256	23.13	cps
Calcium	44-1	13490	12481	12356	12776	4.87	cps
Chromium	52-2	1397	1397	1310	1368	3.66	cps
Cobalt	59-2	120	143	130	131	8.93	cps
Copper	63-2	9607	9743	9437	9596	1.60	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	83	100	92	92	9.09	cps
Erbium	164-2	30	27	13	23	37.81	cps
Gadolinium	160-1	117	167	108	131	24.16	cps
Gadolinium	160-2	53	63	77	64	18.17	cps
Holmium	165-1	19161068	18850074	18964339	18991827	0.83	cps
Holmium	165-2	9286888	9391000	9375526	9351138	0.60	cps
Indium	115-1	15287784	15196631	14990257	15158224	1.01	cps
Indium	115-2	2891499	2897984	2904509	2897998	0.22	cps
Iron	56-2	6324	6185	5751	6087	4.91	cps
Iron	57-2	144	94	233	157	44.69	cps
Lead	206-1	2684	2656	2373	2571	6.70	cps
Lead	207-1	2172	2150	2289	2204	3.39	cps
Lead	208-1	10107	10485	10452	10348	2.02	cps
Lithium	6-1	1861204	1849637	1853757	1854866	0.32	cps
Magnesium	24-2	333	275	275	294	11.44	cps
Manganese	55-2	90	87	73	83	10.59	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BL	Instrumnet Name :	P7
Client Sample ID :	PB98743BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:18:46	DataFile Name :	037SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	767	767	667	25.98	cps
Molybdenum	95-1	283	442	625	450	38.00	cps
Molybdenum	96-1	467	433	767	556	33.05	cps
Molybdenum	97-1	275	342	550	389	36.89	cps
Molybdenum	98-1	558	658	892	703	24.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	347	330	277	318	11.51	cps
Phosphorus	31-2	200	267	308	258	21.15	cps
Potassium	39-2	49391	49341	50395	49709	1.20	cps
Rhodium	103-1	14084336	14037656	13876972	13999654	0.78	cps
Rhodium	103-2	6590598	6638125	6589961	6606228	0.42	cps
Scandium	45-1	9038806	9057616	8890644	8995688	1.02	cps
Scandium	45-2	423053	427176	426124	425451	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	106	93	120	106	13.09	cps
Selenium	82-1	-32	60	-118	-30	-298.41	cps
Silicon	28-1	443499	444947	444407	444284	0.16	cps
Silver	109-1	225	192	200	206	8.44	cps
Silver	107-1	275	342	183	267	29.81	cps
Sodium	23-2	30632	32328	30106	31022	3.74	cps
Strontium	86-1	5743	5418	5810	5657	3.71	cps
Strontium	88-1	417	525	458	467	11.71	cps
Sulfur	34-1	755015	758267	740984	751422	1.22	cps
Terbium	159-1	20015153	19842496	19569036	19808895	1.14	cps
Terbium	159-2	9343182	9427193	9416064	9395480	0.49	cps
Thallium	203-1	350	333	358	347	3.67	cps
Thallium	205-1	767	825	925	839	9.55	cps
Tin	118-1	817	925	925	889	7.04	cps
Titanium	47-1	125	92	117	111	15.61	cps
Uranium	238-1	142	92	92	108	26.65	cps
Vanadium	51-2	10	20	33	21	55.45	cps
Yttrium	89-1	15206688	15004860	15034954	15082167	0.72	cps
Yttrium	89-2	2210194	2222838	2223100	2218711	0.33	cps
Zinc	66-2	163	157	267	196	31.54	cps
Zirconium	90-1	975	1150	1158	1095	9.46	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BL	Instrumnet Name :	P7
Client Sample ID :	PB98743BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:18:46	DataFile Name :	037SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	175	233	217	16.77	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BS	Instrumnet Name :	P7
Client Sample ID :	PB98743BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:22:15	DataFile Name :	038SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	1258	1192	1158	10.38	cps
Antimony	121-1	1150	1375	1659	1395	18.27	cps
Arsenic	75-2	24	13	26	21	33.42	cps
Barium	135-1	83	133	200	139	42.14	cps
Barium	137-1	183	158	242	194	21.99	cps
Beryllium	9-1	89	106	139	111	22.91	cps
Bismuth	209-1	13315037	13272753	13162117	13249969	0.60	cps
Bismuth	209-2	7492957	7499649	7470269	7487625	0.21	cps
Boron	10-1	458	383	483	442	11.78	cps
Boron	11-1	2650	2375	2242	2423	8.60	cps
Cadmium	111-1	4122	4114	3826	4021	4.19	cps
Cadmium	106-1	5893	5860	5443	5732	4.38	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	542	450	417	469	13.79	cps
Calcium	44-1	15242	15400	14950	15197	1.50	cps
Chromium	52-2	1573	1653	1643	1623	2.69	cps
Cobalt	59-2	177	177	200	184	7.31	cps
Copper	63-2	10050	9907	9970	9976	0.72	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	150	92	117	119	24.50	cps
Gadolinium	160-2	53	97	47	66	41.41	cps
Holmium	165-1	18925636	18987834	18656544	18856671	0.93	cps
Holmium	165-2	9433861	9350298	9281306	9355155	0.82	cps
Indium	115-1	15263900	15041666	14847008	15050858	1.39	cps
Indium	115-2	2908241	2893056	2918623	2906640	0.44	cps
Iron	56-2	16315	16232	16287	16278	0.26	cps
Iron	57-2	439	450	472	454	3.74	cps
Lead	206-1	7055325	6847793	6984952	6962690	1.52	cps
Lead	207-1	6168416	6184662	6080804	6144627	0.91	cps
Lead	208-1	28302778	28106626	28050061	28153155	0.47	cps
Lithium	6-1	1860254	1874000	1844593	1859616	0.79	cps
Magnesium	24-2	250	350	358	319	18.87	cps
Manganese	55-2	207	263	227	232	12.38	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BS	Instrumnet Name :	P7
Client Sample ID :	PB98743BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:22:15	DataFile Name :	038SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	608	725	589	24.93	cps
Molybdenum	95-1	242	333	425	333	27.50	cps
Molybdenum	96-1	400	408	675	494	31.64	cps
Molybdenum	97-1	183	183	142	169	14.20	cps
Molybdenum	98-1	400	533	550	494	16.63	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	380	373	373	376	1.02	cps
Phosphorus	31-2	125	233	267	208	35.55	cps
Potassium	39-2	50921	51700	49241	50621	2.48	cps
Rhodium	103-1	13973159	13958872	13853006	13928346	0.47	cps
Rhodium	103-2	6623301	6658027	6569271	6616867	0.68	cps
Scandium	45-1	8964412	8986519	8806410	8919114	1.10	cps
Scandium	45-2	426611	424663	423921	425065	0.33	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	113	109	91	104	11.41	cps
Selenium	82-1	-31	-252	258	-8	-3107.82	cps
Silicon	28-1	449214	446601	446318	447377	0.36	cps
Silver	109-1	150	167	200	172	14.78	cps
Silver	107-1	267	200	233	233	14.29	cps
Sodium	23-2	34023	33229	34958	34070	2.54	cps
Strontium	86-1	5643	6268	5885	5932	5.32	cps
Strontium	88-1	725	1008	867	867	16.35	cps
Sulfur	34-1	755451	747185	743959	748865	0.79	cps
Terbium	159-1	19934799	19658210	19611043	19734684	0.89	cps
Terbium	159-2	9352260	9190579	9306702	9283180	0.90	cps
Thallium	203-1	317	317	475	369	24.74	cps
Thallium	205-1	1025	875	850	917	10.33	cps
Tin	118-1	1283	1325	1325	1311	1.84	cps
Titanium	47-1	258	167	150	192	30.44	cps
Uranium	238-1	108	117	92	106	12.06	cps
Vanadium	51-2	37	33	30	33	10.01	cps
Yttrium	89-1	15146549	15090313	14847118	15027993	1.06	cps
Yttrium	89-2	2225164	2222279	2220167	2222537	0.11	cps
Zinc	66-2	1087	930	913	977	9.79	cps
Zirconium	90-1	825	1217	1142	1061	19.59	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98743BS	Instrumnet Name :	P7
Client Sample ID :	PB98743BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:22:15	DataFile Name :	038SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	208	167	197	13.58	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-01	Instrumnet Name :	P7
Client Sample ID :	DC32521-01-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:25:44	DataFile Name :	039SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2209	1959	2067	2078	6.03	cps
Antimony	121-1	1408	1550	1917	1625	16.14	cps
Arsenic	75-2	206	206	206	206	0.00	cps
Barium	135-1	68746	67656	68067	68157	0.81	cps
Barium	137-1	121528	119208	120217	120317	0.97	cps
Beryllium	9-1	78	133	106	106	26.32	cps
Bismuth	209-1	13810567	14012159	14037036	13953254	0.89	cps
Bismuth	209-2	7935092	7960332	7843164	7912862	0.78	cps
Boron	10-1	2384	2575	2559	2506	4.24	cps
Boron	11-1	12789	13890	12589	13090	5.35	cps
Cadmium	111-1	4139	4052	3974	4055	2.04	cps
Cadmium	106-1	5918	5768	5643	5776	2.39	cps
Cadmium	108-1	58	21	25	35	59.20	cps
Calcium	43-1	300563	299280	295463	298435	0.89	cps
Calcium	44-1	4913446	4862480	4869219	4881715	0.57	cps
Chromium	52-2	1810	1777	1803	1797	0.98	cps
Cobalt	59-2	1573	1863	1530	1656	10.95	cps
Copper	63-2	736690	737359	731642	735230	0.43	cps
Dysprosium	156-1	33	75	92	67	45.07	cps
Dysprosium	156-2	23	20	27	23	14.29	cps
Erbium	164-1	117	150	117	128	15.06	cps
Erbium	164-2	83	77	43	68	31.63	cps
Gadolinium	160-1	258	183	183	208	20.78	cps
Gadolinium	160-2	117	70	60	82	36.79	cps
Holmium	165-1	20151327	20048342	20261022	20153564	0.53	cps
Holmium	165-2	9846047	9984214	9766745	9865669	1.12	cps
Indium	115-1	16099424	15938397	15798004	15945275	0.95	cps
Indium	115-2	3070344	3098825	3058576	3075915	0.67	cps
Iron	56-2	87979	87400	93265	89548	3.61	cps
Iron	57-2	2139	2373	2356	2289	5.69	cps
Lead	206-1	8698	8831	8753	8761	0.77	cps
Lead	207-1	7469	6930	7069	7156	3.91	cps
Lead	208-1	34096	33829	33084	33669	1.56	cps
Lithium	6-1	1967637	1998052	1959079	1974923	1.04	cps
Magnesium	24-2	623016	614282	606152	614483	1.37	cps
Manganese	55-2	28625	28815	27890	28443	1.72	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-01	Instrumnet Name :	P7
Client Sample ID :	DC32521-01-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:25:44	DataFile Name :	039SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1300	1350	1492	1381	7.20	cps
Molybdenum	95-1	483	575	583	547	10.14	cps
Molybdenum	96-1	658	925	900	828	17.79	cps
Molybdenum	97-1	333	325	408	356	12.91	cps
Molybdenum	98-1	767	917	975	886	12.13	cps
Neodymium	150-1	73	80	100	84	16.43	cps
Neodymium	150-2	43	37	23	34	29.57	cps
Nickel	60-2	120117	120665	120050	120277	0.28	cps
Phosphorus	31-2	5668	5893	5818	5793	1.98	cps
Potassium	39-2	275925	280769	272724	276473	1.47	cps
Rhodium	103-1	14704564	14539221	14526726	14590170	0.68	cps
Rhodium	103-2	6941792	6947973	6951183	6946983	0.07	cps
Scandium	45-1	9476106	9426261	9395292	9432553	0.43	cps
Scandium	45-2	451346	450152	446196	449231	0.60	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	83	115	96	98	16.12	cps
Selenium	82-1	335	-277	-193	-45	-741.78	cps
Silicon	28-1	7204534	7295555	7146011	7215367	1.04	cps
Silver	109-1	175	208	175	186	10.34	cps
Silver	107-1	208	333	350	297	26.05	cps
Sodium	23-2	7418628	7370974	7261545	7350382	1.10	cps
Strontium	86-1	120014	117999	118159	118724	0.94	cps
Strontium	88-1	983824	988100	980666	984197	0.38	cps
Sulfur	34-1	856600	858745	859057	858134	0.16	cps
Terbium	159-1	20990627	20956875	20996086	20981196	0.10	cps
Terbium	159-2	9886568	10001668	9887189	9925142	0.67	cps
Thallium	203-1	267	308	375	317	17.26	cps
Thallium	205-1	700	917	883	833	14.00	cps
Tin	118-1	1083	1075	1233	1131	7.88	cps
Titanium	47-1	1133	1267	1342	1247	8.46	cps
Uranium	238-1	667	567	558	597	10.09	cps
Vanadium	51-2	283	203	213	233	18.68	cps
Yttrium	89-1	15682353	15858597	15805357	15782102	0.57	cps
Yttrium	89-2	2347702	2354945	2346960	2349869	0.19	cps
Zinc	66-2	208766	208863	206907	208179	0.53	cps
Zirconium	90-1	2875	2834	3217	2975	7.07	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-01	Instrumnet Name :	P7
Client Sample ID :	DC32521-01-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:25:44	DataFile Name :	039SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	717	833	714	16.93	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-02	Instrumnet Name :	P7
Client Sample ID :	DC32521-02-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:29:11	DataFile Name :	040SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2868	2534	2417	2606	8.98	cps
Antimony	121-1	1442	1267	1684	1464	14.29	cps
Arsenic	75-2	150	163	187	167	11.28	cps
Barium	135-1	66912	66560	67607	67026	0.80	cps
Barium	137-1	117913	117636	116882	117477	0.45	cps
Beryllium	9-1	94	83	144	107	30.31	cps
Bismuth	209-1	14197954	14102415	14064983	14121784	0.49	cps
Bismuth	209-2	7870216	7769225	7711927	7783790	1.03	cps
Boron	10-1	2367	2484	2775	2542	8.28	cps
Boron	11-1	12914	13106	12906	12975	0.87	cps
Cadmium	111-1	4286	4179	3958	4141	4.04	cps
Cadmium	106-1	6118	5952	5651	5907	4.01	cps
Cadmium	108-1	38	29	21	29	28.58	cps
Calcium	43-1	298669	295080	291894	295215	1.15	cps
Calcium	44-1	4869374	4803311	4749421	4807369	1.25	cps
Chromium	52-2	1623	1443	1517	1528	5.92	cps
Cobalt	59-2	1720	1550	1567	1612	5.81	cps
Copper	63-2	556603	552122	553855	554193	0.41	cps
Dysprosium	156-1	33	75	83	64	41.93	cps
Dysprosium	156-2	27	33	37	32	15.80	cps
Erbium	164-1	100	183	150	144	29.04	cps
Erbium	164-2	60	80	67	69	14.78	cps
Gadolinium	160-1	242	208	142	197	25.82	cps
Gadolinium	160-2	100	87	123	103	17.96	cps
Holmium	165-1	20438533	20410197	20246129	20364953	0.51	cps
Holmium	165-2	9890117	9716074	9695864	9767352	1.09	cps
Indium	115-1	16317469	16107737	16012370	16145859	0.97	cps
Indium	115-2	3049369	3001940	2997707	3016339	0.95	cps
Iron	56-2	104513	103478	167884	125291	29.44	cps
Iron	57-2	2639	2634	2578	2617	1.29	cps
Lead	206-1	11116	10616	10894	10875	2.31	cps
Lead	207-1	9515	8937	9020	9157	3.41	cps
Lead	208-1	43323	41921	42183	42476	1.75	cps
Lithium	6-1	1984180	1962583	1964769	1970511	0.60	cps
Magnesium	24-2	608084	596037	599290	601137	1.04	cps
Manganese	55-2	35456	35383	34821	35220	0.99	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-02	Instrumnet Name :	P7
Client Sample ID :	DC32521-02-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:29:11	DataFile Name :	040SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1275	1167	1283	1242	5.24	cps
Molybdenum	95-1	500	583	608	564	10.06	cps
Molybdenum	96-1	708	725	592	675	10.76	cps
Molybdenum	97-1	325	442	350	372	16.50	cps
Molybdenum	98-1	667	900	942	836	17.73	cps
Neodymium	150-1	73	60	80	71	14.32	cps
Neodymium	150-2	17	40	30	29	40.51	cps
Nickel	60-2	2604	2700	2684	2663	1.94	cps
Phosphorus	31-2	6001	5935	5493	5810	4.76	cps
Potassium	39-2	272541	273280	265762	270528	1.53	cps
Rhodium	103-1	14896926	14682450	14726201	14768526	0.77	cps
Rhodium	103-2	6831943	6837460	6802359	6823921	0.28	cps
Scandium	45-1	9526970	9444043	9360689	9443901	0.88	cps
Scandium	45-2	439683	435685	436930	437433	0.47	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	94	96	106	99	6.03	cps
Selenium	82-1	-26	9	120	34	220.64	cps
Silicon	28-1	7098081	6925344	6981273	7001566	1.26	cps
Silver	109-1	192	133	175	167	18.03	cps
Silver	107-1	250	317	275	281	12.00	cps
Sodium	23-2	7072176	7012157	7028980	7037771	0.44	cps
Strontium	86-1	118527	118730	116924	118060	0.84	cps
Strontium	88-1	989890	981673	976901	982821	0.67	cps
Sulfur	34-1	848603	846275	849550	848142	0.20	cps
Terbium	159-1	21196948	21040812	21030859	21089540	0.44	cps
Terbium	159-2	9921095	9738227	9667175	9775499	1.34	cps
Thallium	203-1	292	308	167	256	30.30	cps
Thallium	205-1	558	608	600	589	4.55	cps
Tin	118-1	1167	1133	1158	1153	1.51	cps
Titanium	47-1	1634	1358	1710	1567	11.79	cps
Uranium	238-1	717	725	508	650	18.89	cps
Vanadium	51-2	180	280	233	231	21.65	cps
Yttrium	89-1	15949812	16025031	15869052	15947965	0.49	cps
Yttrium	89-2	2304053	2280769	2291400	2292074	0.51	cps
Zinc	66-2	45491	45086	44127	44901	1.56	cps
Zirconium	90-1	2100	2542	2575	2406	11.02	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-02	Instrumnet Name :	P7
Client Sample ID :	DC32521-02-BS-CL001-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:29:11	DataFile Name :	040SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1102	475	458	679	54.09	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-03	Instrumnet Name :	P7
Client Sample ID :	DC32521-03-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:32:39	DataFile Name :	041SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2525	2809	2759	2698	5.61	cps
Antimony	121-1	1325	1450	1333	1370	5.10	cps
Arsenic	75-2	213	207	206	209	1.85	cps
Barium	135-1	70671	70136	69256	70021	1.02	cps
Barium	137-1	125555	121352	123882	123596	1.71	cps
Beryllium	9-1	117	89	106	104	13.48	cps
Bismuth	209-1	13912874	13934102	13781255	13876077	0.60	cps
Bismuth	209-2	7812029	7729340	7780595	7773988	0.54	cps
Boron	10-1	2417	2534	2367	2439	3.51	cps
Boron	11-1	12814	12289	12381	12494	2.25	cps
Cadmium	111-1	4239	4217	4007	4154	3.08	cps
Cadmium	106-1	6043	5977	5735	5918	2.74	cps
Cadmium	108-1	29	42	58	43	33.98	cps
Calcium	43-1	295425	286900	286405	289576	1.75	cps
Calcium	44-1	4763008	4742006	4734460	4746491	0.31	cps
Chromium	52-2	1577	1593	1663	1611	2.85	cps
Cobalt	59-2	1727	1550	1613	1630	5.49	cps
Copper	63-2	830316	822369	820024	824236	0.65	cps
Dysprosium	156-1	133	108	92	111	18.88	cps
Dysprosium	156-2	57	77	57	63	18.23	cps
Erbium	164-1	200	92	233	175	42.33	cps
Erbium	164-2	73	87	77	79	8.79	cps
Gadolinium	160-1	292	225	200	239	19.84	cps
Gadolinium	160-2	87	93	120	100	17.64	cps
Holmium	165-1	20012543	19977700	20062572	20017605	0.21	cps
Holmium	165-2	9775991	9647148	9702488	9708542	0.67	cps
Indium	115-1	15744379	15831244	15662886	15746170	0.53	cps
Indium	115-2	3010882	3021406	3019957	3017415	0.19	cps
Iron	56-2	138471	137968	134814	137084	1.45	cps
Iron	57-2	3795	3467	3345	3536	6.59	cps
Lead	206-1	12517	12167	12529	12404	1.66	cps
Lead	207-1	10582	10176	10338	10365	1.97	cps
Lead	208-1	49560	48748	47796	48701	1.81	cps
Lithium	6-1	1930440	1925020	1913081	1922847	0.46	cps
Magnesium	24-2	579443	571339	572841	574541	0.75	cps
Manganese	55-2	57141	56923	56592	56885	0.49	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-03	Instrumnet Name :	P7
Client Sample ID :	DC32521-03-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:32:39	DataFile Name :	041SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	983	975	967	975	0.85	cps
Molybdenum	95-1	483	367	433	428	13.68	cps
Molybdenum	96-1	542	592	658	597	9.80	cps
Molybdenum	97-1	350	342	292	328	9.63	cps
Molybdenum	98-1	708	642	700	683	5.32	cps
Neodymium	150-1	80	120	80	93	24.74	cps
Neodymium	150-2	37	33	37	36	5.42	cps
Nickel	60-2	76699	77245	76773	76906	0.39	cps
Phosphorus	31-2	6118	6110	5660	5963	4.40	cps
Potassium	39-2	273112	271141	271796	272017	0.37	cps
Rhodium	103-1	14430125	14483535	14381654	14431771	0.35	cps
Rhodium	103-2	6871339	6865240	6862722	6866434	0.06	cps
Scandium	45-1	9269327	9261509	9276965	9269267	0.08	cps
Scandium	45-2	438047	434557	436965	436523	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	120	131	115	17.45	cps
Selenium	82-1	40	-94	173	40	336.38	cps
Silicon	28-1	7193929	6750603	6736842	6893791	3.77	cps
Silver	109-1	242	233	258	244	5.21	cps
Silver	107-1	208	275	450	311	40.13	cps
Sodium	23-2	7120235	7027048	7026369	7057884	0.77	cps
Strontium	86-1	118293	116689	117603	117528	0.68	cps
Strontium	88-1	980106	973198	968593	973966	0.59	cps
Sulfur	34-1	855816	843412	853448	850892	0.77	cps
Terbium	159-1	21002066	20686355	20776916	20821779	0.78	cps
Terbium	159-2	9844605	9734354	9734557	9771172	0.65	cps
Thallium	203-1	358	250	317	308	17.72	cps
Thallium	205-1	633	633	708	658	6.58	cps
Tin	118-1	1108	1175	1325	1203	9.23	cps
Titanium	47-1	1400	1459	1408	1422	2.22	cps
Uranium	238-1	692	842	742	758	10.07	cps
Vanadium	51-2	273	267	250	263	4.56	cps
Yttrium	89-1	15781364	15595551	15629249	15668721	0.63	cps
Yttrium	89-2	2309887	2295441	2288234	2297854	0.48	cps
Zinc	66-2	191909	192632	189549	191363	0.84	cps
Zirconium	90-1	2259	2000	1859	2039	9.95	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-03	Instrumnet Name :	P7
Client Sample ID :	DC32521-03-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:32:39	DataFile Name :	041SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	433	417	497	25.22	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-04	Instrumnet Name :	P7
Client Sample ID :	DC32521-04-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:36:06	DataFile Name :	042SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2217	1817	2919	2318	24.07	cps
Antimony	121-1	1108	1383	1317	1270	11.30	cps
Arsenic	75-2	181	133	180	165	16.55	cps
Barium	135-1	69080	67966	67875	68307	0.98	cps
Barium	137-1	119957	117242	118964	118721	1.16	cps
Beryllium	9-1	122	67	183	124	47.03	cps
Bismuth	209-1	14058706	13951116	13862285	13957369	0.70	cps
Bismuth	209-2	7848518	7759169	7766593	7791427	0.64	cps
Boron	10-1	2409	2592	2350	2450	5.15	cps
Boron	11-1	12356	12189	12422	12322	0.98	cps
Cadmium	111-1	3944	4190	4392	4175	5.37	cps
Cadmium	106-1	5610	5985	6235	5943	5.30	cps
Cadmium	108-1	17	29	8	18	58.09	cps
Calcium	43-1	289976	289791	287799	289189	0.42	cps
Calcium	44-1	4769782	4724199	4707670	4733884	0.68	cps
Chromium	52-2	1390	1203	1190	1261	8.87	cps
Cobalt	59-2	940	893	980	938	4.63	cps
Copper	63-2	470921	471423	473874	472073	0.33	cps
Dysprosium	156-1	92	75	75	81	11.95	cps
Dysprosium	156-2	50	43	57	50	13.34	cps
Erbium	164-1	142	150	92	128	24.69	cps
Erbium	164-2	83	67	73	74	11.27	cps
Gadolinium	160-1	167	208	233	203	16.61	cps
Gadolinium	160-2	77	83	87	82	6.19	cps
Holmium	165-1	20242323	19945649	19811626	19999866	1.10	cps
Holmium	165-2	9643520	9766010	9704725	9704752	0.63	cps
Indium	115-1	15977468	15999232	15848577	15941759	0.51	cps
Indium	115-2	3023287	3014000	3047093	3028127	0.56	cps
Iron	56-2	92510	91218	100370	94699	5.23	cps
Iron	57-2	2656	2990	2862	2836	5.93	cps
Lead	206-1	7080	7041	6874	6998	1.56	cps
Lead	207-1	5885	5774	5735	5798	1.34	cps
Lead	208-1	27762	27284	27545	27531	0.87	cps
Lithium	6-1	1937239	1939289	1920953	1932494	0.52	cps
Magnesium	24-2	571145	572743	572839	572242	0.17	cps
Manganese	55-2	30141	30215	30442	30266	0.52	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-04	Instrumnet Name :	P7
Client Sample ID :	DC32521-04-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:36:06	DataFile Name :	042SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	1042	983	925	16.69	cps
Molybdenum	95-1	450	492	525	489	7.69	cps
Molybdenum	96-1	683	650	742	692	6.71	cps
Molybdenum	97-1	292	308	292	297	3.24	cps
Molybdenum	98-1	692	858	808	786	10.88	cps
Neodymium	150-1	53	47	67	56	18.33	cps
Neodymium	150-2	20	20	33	24	31.49	cps
Nickel	60-2	1893	1853	1847	1865	1.35	cps
Phosphorus	31-2	6185	6310	6268	6254	1.02	cps
Potassium	39-2	272858	268578	269862	270433	0.81	cps
Rhodium	103-1	14502894	14605023	14354686	14487534	0.87	cps
Rhodium	103-2	6939754	6861623	6859156	6886844	0.67	cps
Scandium	45-1	9322181	9325025	9188184	9278463	0.84	cps
Scandium	45-2	439719	436269	438700	438229	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	91	128	104	19.55	cps
Selenium	82-1	73	183	264	173	55.28	cps
Silicon	28-1	6783453	6737737	6739407	6753532	0.38	cps
Silver	109-1	158	258	225	214	23.81	cps
Silver	107-1	283	325	208	272	21.72	cps
Sodium	23-2	7066578	6981620	7026810	7025003	0.61	cps
Strontium	86-1	116646	114697	115891	115745	0.85	cps
Strontium	88-1	976343	977861	960243	971482	1.00	cps
Sulfur	34-1	837030	842109	846781	841974	0.58	cps
Terbium	159-1	20832594	21017511	20669223	20839776	0.84	cps
Terbium	159-2	9746329	9695499	9751357	9731061	0.32	cps
Thallium	203-1	342	258	183	261	30.33	cps
Thallium	205-1	558	525	442	508	11.82	cps
Tin	118-1	875	742	975	864	13.55	cps
Titanium	47-1	1417	1267	1910	1531	21.99	cps
Uranium	238-1	650	700	667	672	3.79	cps
Vanadium	51-2	260	280	227	256	10.54	cps
Yttrium	89-1	15863194	15700796	15597874	15720621	0.85	cps
Yttrium	89-2	2308214	2298427	2297409	2301350	0.26	cps
Zinc	66-2	36385	35801	36466	36217	1.00	cps
Zirconium	90-1	1925	2134	2075	2045	5.26	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-04	Instrumnet Name :	P7
Client Sample ID :	DC32521-04-BS-CL002-\	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:36:06	DataFile Name :	042SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	325	317	339	9.31	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-05	Instrumnet Name :	P7
Client Sample ID :	DC32521-05-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:41:10	DataFile Name :	043SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1342	1534	2981	1952	45.90	cps
Antimony	121-1	1609	1892	1525	1675	11.48	cps
Arsenic	75-2	176	176	152	168	8.28	cps
Barium	135-1	65137	64952	62801	64297	2.02	cps
Barium	137-1	114897	114233	112025	113719	1.32	cps
Beryllium	9-1	89	72	100	87	16.06	cps
Bismuth	209-1	13975649	13827962	13781538	13861716	0.73	cps
Bismuth	209-2	7874803	7836992	7835297	7849031	0.28	cps
Boron	10-1	2167	1992	2084	2081	4.21	cps
Boron	11-1	10913	10788	10754	10818	0.77	cps
Cadmium	111-1	3820	4031	3955	3936	2.71	cps
Cadmium	106-1	5443	5718	5643	5601	2.54	cps
Cadmium	108-1	21	13	29	21	40.01	cps
Calcium	43-1	286381	284233	285363	285326	0.38	cps
Calcium	44-1	4688303	4646832	4636102	4657079	0.59	cps
Chromium	52-2	1603	1550	1420	1525	6.19	cps
Cobalt	59-2	220	233	210	221	5.29	cps
Copper	63-2	3498069	3526999	3515557	3513542	0.41	cps
Dysprosium	156-1	117	108	42	89	46.24	cps
Dysprosium	156-2	30	37	37	34	11.18	cps
Erbium	164-1	125	167	183	158	18.97	cps
Erbium	164-2	63	67	63	64	2.99	cps
Gadolinium	160-1	283	200	283	256	18.83	cps
Gadolinium	160-2	90	83	80	84	6.03	cps
Holmium	165-1	20193870	20177569	20070846	20147428	0.33	cps
Holmium	165-2	9753204	9684007	9785938	9741050	0.53	cps
Indium	115-1	15892954	15884550	15817127	15864877	0.26	cps
Indium	115-2	3006159	3031376	3038168	3025234	0.56	cps
Iron	56-2	81014	89602	83394	84670	5.24	cps
Iron	57-2	2039	2295	2156	2163	5.92	cps
Lead	206-1	3451	3251	3267	3323	3.34	cps
Lead	207-1	2828	3039	2856	2908	3.95	cps
Lead	208-1	13903	13798	13481	13727	1.60	cps
Lithium	6-1	1936577	1905242	1889516	1910445	1.25	cps
Magnesium	24-2	516718	514981	520765	517488	0.57	cps
Manganese	55-2	19994	20488	20511	20331	1.44	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-05	Instrumnet Name :	P7
Client Sample ID :	DC32521-05-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:41:10	DataFile Name :	043SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	792	817	875	828	5.17	cps
Molybdenum	95-1	342	508	400	417	20.30	cps
Molybdenum	96-1	533	567	733	611	17.53	cps
Molybdenum	97-1	408	333	350	364	10.82	cps
Molybdenum	98-1	792	808	750	783	3.84	cps
Neodymium	150-1	73	40	107	73	45.45	cps
Neodymium	150-2	27	30	33	30	11.10	cps
Nickel	60-2	830	900	937	889	6.10	cps
Phosphorus	31-2	5751	5785	5518	5685	2.56	cps
Potassium	39-2	260004	262457	261838	261433	0.49	cps
Rhodium	103-1	14598759	14464413	14491330	14518167	0.49	cps
Rhodium	103-2	6877411	6889533	6950199	6905714	0.56	cps
Scandium	45-1	9271802	9241169	9190798	9234590	0.44	cps
Scandium	45-2	438004	440247	439725	439325	0.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	119	96	144	120	20.12	cps
Selenium	82-1	-57	-46	-115	-73	-50.89	cps
Silicon	28-1	6487818	6505307	6570941	6521355	0.67	cps
Silver	109-1	350	367	433	383	11.50	cps
Silver	107-1	483	525	333	447	22.54	cps
Sodium	23-2	6822452	6849435	6888398	6853428	0.48	cps
Strontium	86-1	115226	113453	112497	113725	1.22	cps
Strontium	88-1	949660	948479	927626	941922	1.32	cps
Sulfur	34-1	840109	837732	846606	841482	0.55	cps
Terbium	159-1	20884243	20660446	20772067	20772252	0.54	cps
Terbium	159-2	9814839	9787914	9821698	9808150	0.18	cps
Thallium	203-1	250	200	250	233	12.37	cps
Thallium	205-1	567	592	717	625	12.86	cps
Tin	118-1	1033	1100	1108	1081	3.80	cps
Titanium	47-1	1358	1400	1442	1400	2.98	cps
Uranium	238-1	517	442	458	472	8.34	cps
Vanadium	51-2	240	197	223	220	9.94	cps
Yttrium	89-1	15835798	15678316	15479485	15664533	1.14	cps
Yttrium	89-2	2299785	2314281	2325494	2313186	0.56	cps
Zinc	66-2	64703	66393	65058	65384	1.36	cps
Zirconium	90-1	1750	1725	2042	1839	9.57	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-05	Instrumnet Name :	P7
Client Sample ID :	DC32521-05-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:41:10	DataFile Name :	043SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	292	425	375	19.37	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-06	Instrumnet Name :	P7
Client Sample ID :	DC32521-06-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:44:38	DataFile Name :	044SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2734	3260	3118	3038	8.97	cps
Antimony	121-1	1125	1058	1092	1092	3.05	cps
Arsenic	75-2	187	196	187	190	2.81	cps
Barium	135-1	68368	70404	68571	69114	1.62	cps
Barium	137-1	120780	120352	120327	120486	0.21	cps
Beryllium	9-1	106	106	61	91	28.28	cps
Bismuth	209-1	13964261	13837851	13815604	13872572	0.58	cps
Bismuth	209-2	7678992	7866600	7775276	7773623	1.21	cps
Boron	10-1	2225	2134	2300	2220	3.76	cps
Boron	11-1	10487	10170	10621	10426	2.22	cps
Cadmium	111-1	3883	3913	3941	3912	0.74	cps
Cadmium	106-1	5526	5568	5610	5568	0.75	cps
Cadmium	108-1	33	8	4	15	103.25	cps
Calcium	43-1	293518	290418	288140	290692	0.93	cps
Calcium	44-1	4879811	4807514	4796574	4827966	0.94	cps
Chromium	52-2	1857	1780	1653	1763	5.82	cps
Cobalt	59-2	283	203	257	248	16.44	cps
Copper	63-2	2431969	2455284	2447763	2445005	0.49	cps
Dysprosium	156-1	125	167	225	172	29.17	cps
Dysprosium	156-2	63	47	57	56	15.09	cps
Erbium	164-1	133	158	233	175	29.74	cps
Erbium	164-2	110	70	73	84	26.28	cps
Gadolinium	160-1	250	183	192	208	17.43	cps
Gadolinium	160-2	100	107	87	98	10.41	cps
Holmium	165-1	20001814	20003671	19793018	19932834	0.61	cps
Holmium	165-2	9578517	9764699	9677124	9673447	0.96	cps
Indium	115-1	15871050	15863232	15668497	15800926	0.73	cps
Indium	115-2	2978094	3035359	3027424	3013626	1.03	cps
Iron	56-2	156419	145696	144478	148864	4.41	cps
Iron	57-2	3489	3484	3928	3634	7.02	cps
Lead	206-1	4262	4434	4384	4360	2.03	cps
Lead	207-1	3923	3690	3451	3688	6.40	cps
Lead	208-1	17716	17633	16593	17314	3.61	cps
Lithium	6-1	1911732	1887043	1886179	1894985	0.77	cps
Magnesium	24-2	526428	531858	535357	531214	0.85	cps
Manganese	55-2	31901	32446	32125	32157	0.85	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-06	Instrumnet Name :	P7
Client Sample ID :	DC32521-06-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:44:38	DataFile Name :	044SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1075	908	1025	1003	8.53	cps
Molybdenum	95-1	433	508	425	456	10.08	cps
Molybdenum	96-1	675	642	700	672	4.35	cps
Molybdenum	97-1	217	333	417	322	31.18	cps
Molybdenum	98-1	708	692	900	767	15.10	cps
Neodymium	150-1	167	247	113	176	38.23	cps
Neodymium	150-2	40	43	50	44	11.46	cps
Nickel	60-2	967	1000	977	981	1.74	cps
Phosphorus	31-2	6051	5976	5510	5846	5.02	cps
Potassium	39-2	262448	264515	259505	262156	0.96	cps
Rhodium	103-1	14757921	14591575	14575579	14641692	0.69	cps
Rhodium	103-2	6813877	6883479	6902714	6866690	0.68	cps
Scandium	45-1	9416996	9306610	9238596	9320734	0.97	cps
Scandium	45-2	434842	436404	438390	436545	0.41	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	94	113	91	99	11.98	cps
Selenium	82-1	-45	-127	-61	-78	-55.93	cps
Silicon	28-1	7586544	7121077	7118643	7275422	3.70	cps
Silver	109-1	342	217	300	286	22.25	cps
Silver	107-1	292	358	242	297	19.69	cps
Sodium	23-2	6781712	6868139	6812928	6820926	0.64	cps
Strontium	86-1	118804	115670	115839	116771	1.51	cps
Strontium	88-1	978051	975866	960892	971603	0.96	cps
Sulfur	34-1	829969	830585	833441	831331	0.22	cps
Terbium	159-1	20673916	20666571	20771513	20704000	0.28	cps
Terbium	159-2	9602150	9744986	9817747	9721628	1.13	cps
Thallium	203-1	233	158	275	222	26.60	cps
Thallium	205-1	742	517	542	600	20.56	cps
Tin	118-1	1425	1508	1567	1500	4.75	cps
Titanium	47-1	1600	6464	1450	3171	89.94	cps
Uranium	238-1	683	742	800	742	7.86	cps
Vanadium	51-2	297	270	340	302	11.69	cps
Yttrium	89-1	15638971	15712707	15565863	15639180	0.47	cps
Yttrium	89-2	2276887	2322399	2313762	2304349	1.05	cps
Zinc	66-2	34377	35082	34935	34798	1.07	cps
Zirconium	90-1	1984	2000	1909	1964	2.49	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-06	Instrumnet Name :	P7
Client Sample ID :	DC32521-06-BS-H-W1-B	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:44:38	DataFile Name :	044SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	508	383	431	15.77	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-07	Instrumnet Name :	P7
Client Sample ID :	DC32521-07-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:48:06	DataFile Name :	045SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1734	1492	1825	1684	10.23	cps
Antimony	121-1	1667	1800	1667	1711	4.50	cps
Arsenic	75-2	169	176	165	170	3.33	cps
Barium	135-1	72665	72941	72858	72822	0.19	cps
Barium	137-1	129171	128692	125043	127635	1.77	cps
Beryllium	9-1	117	56	22	65	73.90	cps
Bismuth	209-1	14128962	13972246	13828588	13976599	1.07	cps
Bismuth	209-2	7802377	7768397	7826298	7799024	0.37	cps
Boron	10-1	2542	2167	2250	2320	8.49	cps
Boron	11-1	11421	11521	11171	11371	1.59	cps
Cadmium	111-1	3946	4149	4194	4096	3.23	cps
Cadmium	106-1	5518	5826	5877	5740	3.38	cps
Cadmium	108-1	54	42	88	61	38.77	cps
Calcium	43-1	304790	297239	297917	299982	1.39	cps
Calcium	44-1	4967146	4855396	4861738	4894760	1.28	cps
Chromium	52-2	1217	1160	1323	1233	6.72	cps
Cobalt	59-2	670	793	730	731	8.44	cps
Copper	63-2	1479919	1475789	1497425	1484378	0.77	cps
Dysprosium	156-1	67	58	83	69	18.33	cps
Dysprosium	156-2	47	23	20	30	48.44	cps
Erbium	164-1	158	92	75	108	40.71	cps
Erbium	164-2	70	43	43	52	29.49	cps
Gadolinium	160-1	275	208	150	211	29.63	cps
Gadolinium	160-2	103	73	80	86	18.41	cps
Holmium	165-1	20314541	19944163	19946392	20068366	1.06	cps
Holmium	165-2	9763456	9638185	9766621	9722754	0.75	cps
Indium	115-1	16083716	15979913	15967777	16010469	0.40	cps
Indium	115-2	3026922	3013986	3017388	3019432	0.22	cps
Iron	56-2	68746	66887	66039	67224	2.06	cps
Iron	57-2	1811	1911	1606	1776	8.78	cps
Lead	206-1	16182	16316	15966	16155	1.09	cps
Lead	207-1	13796	13841	13613	13750	0.88	cps
Lead	208-1	63594	64608	63606	63936	0.91	cps
Lithium	6-1	1899945	1910001	1878872	1896273	0.84	cps
Magnesium	24-2	551132	552233	556555	553307	0.52	cps
Manganese	55-2	19000	16957	17368	17775	6.08	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-07	Instrumnet Name :	P7
Client Sample ID :	DC32521-07-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:48:06	DataFile Name :	045SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	708	817	942	822	14.20	cps
Molybdenum	95-1	450	233	400	361	31.42	cps
Molybdenum	96-1	500	558	575	544	7.23	cps
Molybdenum	97-1	250	300	317	289	12.01	cps
Molybdenum	98-1	675	542	558	592	12.28	cps
Neodymium	150-1	53	80	47	60	29.39	cps
Neodymium	150-2	27	13	27	22	34.66	cps
Nickel	60-2	76612	77407	76605	76875	0.60	cps
Phosphorus	31-2	5284	5935	5760	5660	5.95	cps
Potassium	39-2	262433	261255	264159	262616	0.56	cps
Rhodium	103-1	14801858	14443335	14424256	14556483	1.46	cps
Rhodium	103-2	6921104	6829517	6832530	6861051	0.76	cps
Scandium	45-1	9431637	9336691	9305846	9358058	0.70	cps
Scandium	45-2	434596	435863	441084	437181	0.79	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	100	113	117	110	7.97	cps
Selenium	82-1	43	-130	41	-16	-634.01	cps
Silicon	28-1	6941820	6718881	6761132	6807278	1.74	cps
Silver	109-1	433	367	375	392	9.27	cps
Silver	107-1	500	575	492	522	8.79	cps
Sodium	23-2	6958717	7000226	6993474	6984139	0.32	cps
Strontium	86-1	122570	122006	119577	121385	1.31	cps
Strontium	88-1	1000043	993348	982867	992086	0.87	cps
Sulfur	34-1	833840	835070	832072	833661	0.18	cps
Terbium	159-1	21245635	21149515	20663786	21019646	1.48	cps
Terbium	159-2	9788159	9776295	9730880	9765111	0.31	cps
Thallium	203-1	267	167	217	217	23.08	cps
Thallium	205-1	642	542	575	586	8.69	cps
Tin	118-1	3693	5679	5829	5067	23.53	cps
Titanium	47-1	1192	1208	1092	1164	5.42	cps
Uranium	238-1	692	725	542	653	14.96	cps
Vanadium	51-2	263	230	260	251	7.31	cps
Yttrium	89-1	15934202	15862634	15672216	15823017	0.86	cps
Yttrium	89-2	2281803	2297577	2309162	2296181	0.60	cps
Zinc	66-2	637437	635751	642902	638697	0.59	cps
Zirconium	90-1	1767	1734	1925	1809	5.67	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-07	Instrumnet Name :	P7
Client Sample ID :	DC32521-07-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:48:06	DataFile Name :	045SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	342	392	378	8.35	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-08	Instrumnet Name :	P7
Client Sample ID :	DC32521-08-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:51:34	DataFile Name :	046SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784	2353	1725	1954	17.74	cps
Antimony	121-1	1333	1542	1358	1411	8.06	cps
Arsenic	75-2	211	196	204	204	3.64	cps
Barium	135-1	76753	78002	77014	77256	0.85	cps
Barium	137-1	135701	134024	135101	134942	0.63	cps
Beryllium	9-1	106	89	117	104	13.48	cps
Bismuth	209-1	14046139	13998732	14017773	14020881	0.17	cps
Bismuth	209-2	7861260	7883179	7839238	7861226	0.28	cps
Boron	10-1	2117	2242	2317	2225	4.54	cps
Boron	11-1	11013	11013	11496	11174	2.50	cps
Cadmium	111-1	4086	3854	4248	4062	4.87	cps
Cadmium	106-1	5810	5510	6043	5788	4.62	cps
Cadmium	108-1	21	46	17	28	56.78	cps
Calcium	43-1	295411	295330	299615	296785	0.83	cps
Calcium	44-1	4908407	4858208	4834217	4866944	0.78	cps
Chromium	52-2	1457	1650	1483	1530	6.85	cps
Cobalt	59-2	497	623	560	560	11.31	cps
Copper	63-2	1401422	1391301	1379121	1390615	0.80	cps
Dysprosium	156-1	83	125	83	97	24.74	cps
Dysprosium	156-2	37	67	223	109	92.09	cps
Erbium	164-1	200	125	158	161	23.32	cps
Erbium	164-2	50	53	80	61	26.91	cps
Gadolinium	160-1	300	192	208	233	25.00	cps
Gadolinium	160-2	97	93	93	94	2.04	cps
Holmium	165-1	20479342	20309847	20104664	20297951	0.92	cps
Holmium	165-2	9834416	9975748	9834032	9881399	0.83	cps
Indium	115-1	16318067	16052626	16152928	16174540	0.83	cps
Indium	115-2	3071431	3065638	3040813	3059294	0.53	cps
Iron	56-2	114105	106448	117234	112596	4.93	cps
Iron	57-2	2517	2573	2778	2623	5.25	cps
Lead	206-1	8914	8970	8925	8937	0.33	cps
Lead	207-1	7525	7263	7452	7413	1.82	cps
Lead	208-1	34869	35025	34897	34930	0.24	cps
Lithium	6-1	1925082	1890345	1899872	1905100	0.94	cps
Magnesium	24-2	555970	553281	550719	553323	0.47	cps
Manganese	55-2	34835	34898	35212	34982	0.58	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-08	Instrumnet Name :	P7
Client Sample ID :	DC32521-08-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:51:34	DataFile Name :	046SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	767	833	750	783	5.63	cps
Molybdenum	95-1	417	333	392	381	11.24	cps
Molybdenum	96-1	525	608	667	600	11.87	cps
Molybdenum	97-1	358	292	358	336	11.45	cps
Molybdenum	98-1	667	775	692	711	7.98	cps
Neodymium	150-1	107	160	100	122	26.91	cps
Neodymium	150-2	30	33	27	30	11.10	cps
Nickel	60-2	2010	2014	2120	2048	3.06	cps
Phosphorus	31-2	6710	6252	6210	6391	4.34	cps
Potassium	39-2	269445	264170	266395	266670	0.99	cps
Rhodium	103-1	14773647	14549440	14693943	14672343	0.77	cps
Rhodium	103-2	6955466	7002751	6927469	6961895	0.55	cps
Scandium	45-1	9413107	9438099	9442572	9431259	0.17	cps
Scandium	45-2	442647	439585	440616	440949	0.35	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	119	120	102	114	8.98	cps
Selenium	82-1	-135	55	-268	-116	-139.97	cps
Silicon	28-1	6795175	6822590	6614760	6744175	1.67	cps
Silver	109-1	317	258	283	286	10.23	cps
Silver	107-1	350	408	258	339	22.31	cps
Sodium	23-2	7036803	7047663	6954406	7012957	0.73	cps
Strontium	86-1	124317	124747	121973	123679	1.21	cps
Strontium	88-1	1027893	1013276	1007062	1016077	1.05	cps
Sulfur	34-1	843648	834754	835060	837821	0.60	cps
Terbium	159-1	21137143	20892509	21095047	21041566	0.62	cps
Terbium	159-2	9850143	9861408	9841808	9851120	0.10	cps
Thallium	203-1	192	192	175	186	5.17	cps
Thallium	205-1	525	533	483	514	5.21	cps
Tin	118-1	16185	16919	15301	16135	5.02	cps
Titanium	47-1	1408	1308	1317	1345	4.13	cps
Uranium	238-1	683	700	700	694	1.38	cps
Vanadium	51-2	287	220	300	269	15.94	cps
Yttrium	89-1	16032875	15865333	15877281	15925163	0.59	cps
Yttrium	89-2	2331728	2348964	2303797	2328163	0.98	cps
Zinc	66-2	59735	59581	59049	59455	0.61	cps
Zirconium	90-1	1617	1492	1700	1603	6.54	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-08	Instrumnet Name :	P7
Client Sample ID :	DC32521-08-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:51:34	DataFile Name :	046SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	400	475	378	29.13	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:55:02	DataFile Name :	047CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1396547	1418993	1424603	1413381	1.05	cps
Antimony	121-1	7996046	8054763	8001425	8017411	0.40	cps
Arsenic	75-2	282411	284156	284754	283774	0.43	cps
Barium	135-1	9421331	9451496	9531123	9467984	0.60	cps
Barium	137-1	16473652	16405149	16530933	16469911	0.38	cps
Beryllium	9-1	1270334	1272627	1286335	1276432	0.68	cps
Bismuth	209-1	12452539	12548728	12705359	12568875	1.02	cps
Bismuth	209-2	7067623	6972552	7111330	7050502	1.01	cps
Boron	10-1	171671	176222	175581	174491	1.41	cps
Boron	11-1	871883	877292	887095	878757	0.88	cps
Cadmium	111-1	1999563	2010041	2032143	2013916	0.83	cps
Cadmium	106-1	227133	226388	230353	227958	0.92	cps
Cadmium	108-1	147686	149773	149962	149140	0.85	cps
Calcium	43-1	2125149	2127577	2131142	2127956	0.14	cps
Calcium	44-1	34768872	34711331	34948373	34809525	0.36	cps
Chromium	52-2	2406587	2431308	2428845	2422247	0.56	cps
Cobalt	59-2	3927470	3965724	3991107	3961434	0.81	cps
Copper	63-2	5611401	5678370	5695867	5661880	0.79	cps
Dysprosium	156-1	233	267	233	244	7.87	cps
Dysprosium	156-2	57	50	60	56	9.17	cps
Erbium	164-1	125	83	150	119	28.20	cps
Erbium	164-2	37	37	43	39	9.89	cps
Gadolinium	160-1	233	158	192	194	19.33	cps
Gadolinium	160-2	67	87	117	90	27.96	cps
Holmium	165-1	18558748	18656656	18879412	18698272	0.88	cps
Holmium	165-2	9237687	9250662	9173712	9220687	0.45	cps
Indium	115-1	14517809	14474270	14621562	14537880	0.52	cps
Indium	115-2	2776860	2781629	2793715	2784068	0.31	cps
Iron	56-2	99923480	101766911	101104827	100931739	0.93	cps
Iron	57-2	2440686	2478487	2473471	2464215	0.83	cps
Lead	206-1	6465073	6489598	6536442	6497038	0.56	cps
Lead	207-1	5860142	5873453	5940137	5891244	0.73	cps
Lead	208-1	26594563	26756441	26944090	26765031	0.65	cps
Lithium	6-1	1723076	1716451	1733740	1724422	0.51	cps
Magnesium	24-2	17123527	17302032	17316681	17247413	0.62	cps
Manganese	55-2	2709354	2743312	2731000	2727889	0.63	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:55:02	DataFile Name :	047CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7070995	7042211	7059054	7057420	0.20	cps
Molybdenum	95-1	3711401	3707359	3739045	3719268	0.46	cps
Molybdenum	96-1	4802009	4822230	4830118	4818119	0.30	cps
Molybdenum	97-1	2308291	2321891	2333180	2321121	0.54	cps
Molybdenum	98-1	6078093	6062811	6164842	6101916	0.90	cps
Neodymium	150-1	780	713	793	762	5.62	cps
Neodymium	150-2	93	67	80	80	16.67	cps
Nickel	60-2	1035627	1047398	1049083	1044036	0.70	cps
Phosphorus	31-2	78724	79513	81238	79825	1.61	cps
Potassium	39-2	8638596	8651191	8691157	8660315	0.32	cps
Rhodium	103-1	12972895	13093659	13187216	13084590	0.82	cps
Rhodium	103-2	6189434	6187025	6236740	6204400	0.45	cps
Scandium	45-1	8573932	8601185	8695268	8623462	0.74	cps
Scandium	45-2	408590	412204	411828	410874	0.48	cps
Selenium	77-2	5698	5811	5758	5756	0.99	cps
Selenium	78-2	19446	19634	19497	19526	0.50	cps
Selenium	82-1	121188	122320	122996	122168	0.75	cps
Silicon	28-1	4115791	4095058	4125118	4111989	0.37	cps
Silver	109-1	9550346	9549270	9670661	9590092	0.73	cps
Silver	107-1	9813499	9854986	9986780	9885088	0.92	cps
Sodium	23-2	33138767	33317393	33621280	33359147	0.73	cps
Strontium	86-1	2380129	2395681	2428315	2401375	1.02	cps
Strontium	88-1	20967378	20943358	21183427	21031388	0.63	cps
Sulfur	34-1	1445162	1438435	1457678	1447092	0.67	cps
Terbium	159-1	19375996	19382065	19455795	19404619	0.23	cps
Terbium	159-2	9186962	9178682	9191379	9185674	0.07	cps
Thallium	203-1	8174035	8200501	8269545	8214694	0.60	cps
Thallium	205-1	19319870	19383733	19632530	19445378	0.85	cps
Tin	118-1	6483949	6605667	6531086	6540234	0.94	cps
Titanium	47-1	1032833	1045108	1050352	1042765	0.86	cps
Uranium	238-1	27972393	27786842	28238626	27999287	0.81	cps
Vanadium	51-2	1963858	1986235	1994118	1981404	0.79	cps
Yttrium	89-1	14521245	14591839	14704638	14605907	0.63	cps
Yttrium	89-2	2158257	2162016	2166167	2162147	0.18	cps
Zinc	66-2	816179	827185	825870	823078	0.73	cps
Zirconium	90-1	13177941	13318832	13350971	13282581	0.69	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:55:02	DataFile Name :	047CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2940799	2944667	2957172	2947546	0.29	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:58:26	DataFile Name :	048CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	142	75	125	35.27	cps
Antimony	121-1	25992	29599	32923	29504	11.75	cps
Arsenic	75-2	331	313	389	344	11.49	cps
Barium	135-1	442	442	308	397	19.38	cps
Barium	137-1	567	583	592	581	2.19	cps
Beryllium	9-1	289	261	250	267	7.51	cps
Bismuth	209-1	13138666	13092045	13110890	13113867	0.18	cps
Bismuth	209-2	7447802	7452744	7506003	7468850	0.43	cps
Boron	10-1	3884	3717	3100	3567	11.57	cps
Boron	11-1	18270	17661	16351	17427	5.63	cps
Cadmium	111-1	4171	3760	4173	4035	5.89	cps
Cadmium	106-1	5826	5268	5893	5662	6.06	cps
Cadmium	108-1	29	33	21	28	22.92	cps
Calcium	43-1	367	483	333	394	19.97	cps
Calcium	44-1	13123	12931	12656	12903	1.82	cps
Chromium	52-2	1497	1487	1523	1502	1.26	cps
Cobalt	59-2	177	213	177	189	11.21	cps
Copper	63-2	8723	8829	8606	8719	1.28	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	67	67	61	15.75	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	142	108	183	144	26.01	cps
Gadolinium	160-2	37	40	40	39	4.94	cps
Holmium	165-1	18656622	18713856	18833976	18734818	0.48	cps
Holmium	165-2	9364280	9360460	9338722	9354487	0.15	cps
Indium	115-1	14745329	14714761	14825976	14762022	0.39	cps
Indium	115-2	2858942	2872866	2867960	2866589	0.25	cps
Iron	56-2	12078	11850	12350	12092	2.07	cps
Iron	57-2	306	256	239	267	13.01	cps
Lead	206-1	2928	2711	2873	2837	3.97	cps
Lead	207-1	2689	2456	2628	2591	4.67	cps
Lead	208-1	11797	11408	11274	11493	2.36	cps
Lithium	6-1	1749174	1731495	1760928	1747199	0.85	cps
Magnesium	24-2	433	400	442	425	5.19	cps
Manganese	55-2	130	193	130	151	24.20	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:58:26	DataFile Name :	048CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3017	3951	5093	4020	25.86	cps
Molybdenum	95-1	4318	5468	7135	5640	25.12	cps
Molybdenum	96-1	4801	5851	7727	6127	24.20	cps
Molybdenum	97-1	2725	3267	4743	3578	29.18	cps
Molybdenum	98-1	6785	8570	11547	8967	26.83	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	347	343	303	331	7.28	cps
Phosphorus	31-2	217	200	233	217	7.69	cps
Potassium	39-2	48990	48773	48932	48898	0.23	cps
Rhodium	103-1	13725120	13609501	13731175	13688599	0.50	cps
Rhodium	103-2	6566975	6501206	6568001	6545394	0.58	cps
Scandium	45-1	8650249	8491498	8579983	8573910	0.93	cps
Scandium	45-2	411344	410960	412414	411572	0.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	150	113	113	125	17.07	cps
Selenium	82-1	-102	15	246	53	334.94	cps
Silicon	28-1	444495	438381	436632	439836	0.94	cps
Silver	109-1	658	575	508	581	12.95	cps
Silver	107-1	742	583	833	719	17.58	cps
Sodium	23-2	33555	33939	34357	33950	1.18	cps
Strontium	86-1	5676	6368	6127	6057	5.80	cps
Strontium	88-1	1233	892	867	997	20.54	cps
Sulfur	34-1	694712	704032	698174	698973	0.67	cps
Terbium	159-1	19419290	19381433	19719668	19506797	0.95	cps
Terbium	159-2	9341761	9285470	9386569	9337934	0.54	cps
Thallium	203-1	2042	1734	1600	1792	12.64	cps
Thallium	205-1	4818	4451	3626	4298	14.21	cps
Tin	118-1	4134	4893	5501	4843	14.14	cps
Titanium	47-1	183	108	292	194	47.40	cps
Uranium	238-1	1025	1092	1042	1053	3.30	cps
Vanadium	51-2	57	110	77	81	33.21	cps
Yttrium	89-1	14502792	14623271	14809190	14645084	1.05	cps
Yttrium	89-2	2169474	2183057	2186988	2179839	0.42	cps
Zinc	66-2	163	217	197	192	14.02	cps
Zirconium	90-1	2100	2492	2967	2520	17.23	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 13:58:26	DataFile Name :	048CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	533	508	575	539	6.25	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-09	Instrumnet Name :	P7
Client Sample ID :	DC32521-09-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:01:56	DataFile Name :	049SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1759	1567	2075	1800	14.27	cps
Antimony	121-1	6177	6819	7194	6730	7.64	cps
Arsenic	75-2	278	259	217	251	12.47	cps
Barium	135-1	70747	70170	69131	70016	1.17	cps
Barium	137-1	122983	120761	120376	121373	1.16	cps
Beryllium	9-1	161	172	178	170	4.98	cps
Bismuth	209-1	14451351	14288603	14180079	14306678	0.95	cps
Bismuth	209-2	8014174	7931201	7844839	7930072	1.07	cps
Boron	10-1	3584	3984	3851	3806	5.35	cps
Boron	11-1	19188	19263	18403	18951	2.51	cps
Cadmium	111-1	4472	4039	4295	4269	5.10	cps
Cadmium	106-1	6285	5635	6043	5988	5.49	cps
Cadmium	108-1	88	79	92	86	7.39	cps
Calcium	43-1	300494	298567	298141	299067	0.42	cps
Calcium	44-1	4920261	4935594	4917545	4924467	0.20	cps
Chromium	52-2	2760	2060	2979	2600	18.47	cps
Cobalt	59-2	1660	1653	1677	1663	0.72	cps
Copper	63-2	1320663	1306986	1309402	1312350	0.56	cps
Dysprosium	156-1	50	58	92	67	33.07	cps
Dysprosium	156-2	20	17	30	22	31.22	cps
Erbium	164-1	92	92	183	122	43.31	cps
Erbium	164-2	13	33	53	33	60.01	cps
Gadolinium	160-1	158	175	142	158	10.53	cps
Gadolinium	160-2	67	73	90	77	15.67	cps
Holmium	165-1	20750551	20341920	20460294	20517588	1.02	cps
Holmium	165-2	9962174	9862572	9975839	9933528	0.62	cps
Indium	115-1	16438011	16201869	16240034	16293305	0.78	cps
Indium	115-2	3085408	3051908	3037155	3058157	0.81	cps
Iron	56-2	88488	86268	90184	88313	2.22	cps
Iron	57-2	3266	2250	2234	2583	22.90	cps
Lead	206-1	15587	15793	15470	15617	1.05	cps
Lead	207-1	12984	13329	12868	13060	1.84	cps
Lead	208-1	61663	61117	60154	60978	1.25	cps
Lithium	6-1	1939415	1907758	1897157	1914777	1.15	cps
Magnesium	24-2	626419	616151	619124	620565	0.85	cps
Manganese	55-2	26875	26300	26214	26463	1.36	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-09	Instrumnet Name :	P7
Client Sample ID :	DC32521-09-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:01:56	DataFile Name :	049SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3092	3142	3501	3245	6.86	cps
Molybdenum	95-1	1275	1975	2325	1859	28.77	cps
Molybdenum	96-1	1975	2050	2942	2323	23.16	cps
Molybdenum	97-1	992	1108	1433	1178	19.43	cps
Molybdenum	98-1	2517	3034	3867	3139	21.70	cps
Neodymium	150-1	60	60	47	56	13.85	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	5761	5635	5478	5625	2.52	cps
Phosphorus	31-2	5735	5284	5376	5465	4.35	cps
Potassium	39-2	280171	277514	277085	278257	0.60	cps
Rhodium	103-1	14961693	14846458	14759050	14855733	0.68	cps
Rhodium	103-2	6925299	6944110	6952251	6940554	0.20	cps
Scandium	45-1	9482625	9401490	9386224	9423446	0.55	cps
Scandium	45-2	444399	439039	438379	440605	0.75	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	146	109	120	125	15.17	cps
Selenium	82-1	115	-70	-92	-16	-717.23	cps
Silicon	28-1	7059511	7074734	6972523	7035589	0.78	cps
Silver	109-1	425	433	608	489	21.18	cps
Silver	107-1	575	467	742	594	23.30	cps
Sodium	23-2	7548328	7507364	7481060	7512251	0.45	cps
Strontium	86-1	120915	120182	121899	120999	0.71	cps
Strontium	88-1	1021676	1015432	1012180	1016430	0.47	cps
Sulfur	34-1	821518	816658	812291	816822	0.57	cps
Terbium	159-1	21484078	21405588	21341956	21410541	0.33	cps
Terbium	159-2	9954900	9823917	9814129	9864315	0.80	cps
Thallium	203-1	933	658	792	795	17.31	cps
Thallium	205-1	1767	1875	1767	1803	3.47	cps
Tin	118-1	3985	3251	4101	3779	12.20	cps
Titanium	47-1	1384	1300	1250	1311	5.15	cps
Uranium	238-1	733	633	583	650	11.75	cps
Vanadium	51-2	220	167	240	209	18.15	cps
Yttrium	89-1	16190820	16012234	15937892	16046982	0.81	cps
Yttrium	89-2	2326285	2309454	2328276	2321338	0.45	cps
Zinc	66-2	720277	713027	709910	714405	0.74	cps
Zirconium	90-1	6577	6402	6602	6527	1.66	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-09	Instrumnet Name :	P7
Client Sample ID :	DC32521-09-BS-BR-W2-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:01:56	DataFile Name :	049SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1383	1342	1450	1392	3.93	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-10	Instrumnet Name :	P7
Client Sample ID :	DC32521-10-BS-BR-F2-S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:05:25	DataFile Name :	050SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2259	1975	2401	2212	9.80	cps
Antimony	121-1	3967	4368	4359	4231	5.40	cps
Arsenic	75-2	207	200	200	202	2.11	cps
Barium	135-1	62809	62651	61755	62405	0.91	cps
Barium	137-1	110419	109724	106877	109007	1.72	cps
Beryllium	9-1	122	122	111	119	5.41	cps
Bismuth	209-1	13721318	13792852	13739364	13751178	0.27	cps
Bismuth	209-2	7638933	7812928	7698767	7716876	1.15	cps
Boron	10-1	3642	3426	3584	3551	3.16	cps
Boron	11-1	18746	19021	17970	18579	2.93	cps
Cadmium	111-1	4244	3903	3984	4044	4.41	cps
Cadmium	106-1	6027	5493	5685	5735	4.71	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	288479	286017	284938	286478	0.63	cps
Calcium	44-1	4730885	4705179	4680236	4705433	0.54	cps
Chromium	52-2	1877	1994	1964	1945	3.12	cps
Cobalt	59-2	1777	1880	1857	1838	2.95	cps
Copper	63-2	704657	706434	713637	708243	0.67	cps
Dysprosium	156-1	50	83	75	69	24.98	cps
Dysprosium	156-2	13	43	43	33	51.97	cps
Erbium	164-1	117	125	142	128	9.96	cps
Erbium	164-2	60	47	53	53	12.50	cps
Gadolinium	160-1	142	150	183	158	13.92	cps
Gadolinium	160-2	90	73	97	87	13.86	cps
Holmium	165-1	19944951	19990928	19872733	19936204	0.30	cps
Holmium	165-2	9665730	9677655	9675349	9672912	0.07	cps
Indium	115-1	15839749	15801393	15794035	15811726	0.16	cps
Indium	115-2	2957488	2991676	3001802	2983655	0.78	cps
Iron	56-2	96206	116977	98631	103938	10.93	cps
Iron	57-2	2539	2245	2428	2404	6.19	cps
Lead	206-1	12384	12495	12228	12369	1.08	cps
Lead	207-1	10238	10632	10449	10440	1.89	cps
Lead	208-1	48942	49103	48052	48699	1.16	cps
Lithium	6-1	1855848	1882681	1858084	1865537	0.80	cps
Magnesium	24-2	614508	619719	618746	617658	0.45	cps
Manganese	55-2	27696	27182	27225	27368	1.04	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-10	Instrumnet Name :	P7
Client Sample ID :	DC32521-10-BS-BR-F2-S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:05:25	DataFile Name :	050SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1725	2000	2400	2042	16.63	cps
Molybdenum	95-1	867	1267	1417	1183	24.03	cps
Molybdenum	96-1	1158	1475	1625	1420	16.78	cps
Molybdenum	97-1	717	975	942	878	16.01	cps
Molybdenum	98-1	1525	1850	2200	1859	18.17	cps
Neodymium	150-1	67	47	47	53	21.65	cps
Neodymium	150-2	17	23	20	20	16.65	cps
Nickel	60-2	1823	1797	1760	1793	1.77	cps
Phosphorus	31-2	5435	5726	5918	5693	4.28	cps
Potassium	39-2	258176	260852	261346	260125	0.66	cps
Rhodium	103-1	14294371	14426253	14244429	14321685	0.66	cps
Rhodium	103-2	6744934	6844379	6811339	6800218	0.74	cps
Scandium	45-1	9111571	9097825	9091865	9100420	0.11	cps
Scandium	45-2	426350	428712	432064	429042	0.67	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	113	106	139	119	14.69	cps
Selenium	82-1	-142	163	-164	-47	-385.42	cps
Silicon	28-1	7068178	7088681	6989308	7048722	0.74	cps
Silver	109-1	350	292	283	308	11.78	cps
Silver	107-1	392	283	275	317	20.55	cps
Sodium	23-2	6731420	6890497	6837903	6819940	1.19	cps
Strontium	86-1	116814	115000	114377	115397	1.10	cps
Strontium	88-1	956476	960462	945754	954230	0.80	cps
Sulfur	34-1	805875	811717	816085	811226	0.63	cps
Terbium	159-1	20514318	20613279	20727585	20618394	0.52	cps
Terbium	159-2	9584915	9802331	9678141	9688462	1.13	cps
Thallium	203-1	550	450	400	467	16.37	cps
Thallium	205-1	1208	1333	1333	1292	5.59	cps
Tin	118-1	1984	1934	2259	2059	8.50	cps
Titanium	47-1	1183	1367	1467	1339	10.73	cps
Uranium	238-1	658	567	575	600	8.45	cps
Vanadium	51-2	247	250	250	249	0.77	cps
Yttrium	89-1	15590483	15520149	15708139	15606257	0.61	cps
Yttrium	89-2	2250565	2276372	2285943	2270960	0.81	cps
Zinc	66-2	73598	74975	75548	74707	1.34	cps
Zirconium	90-1	3226	3701	3467	3464	6.86	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-10	Instrumnet Name :	P7
Client Sample ID :	DC32521-10-BS-BR-F2-S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:05:25	DataFile Name :	050SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767	783	717	756	4.59	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-11	Instrumnet Name :	P7
Client Sample ID :	DC32521-11-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:08:53	DataFile Name :	051SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1592	1592	1234	1473	14.06	cps
Antimony	121-1	2734	3134	3559	3142	13.13	cps
Arsenic	75-2	176	152	233	187	22.38	cps
Barium	135-1	71945	70086	69047	70359	2.09	cps
Barium	137-1	123504	124622	120864	122997	1.57	cps
Beryllium	9-1	100	78	106	94	15.56	cps
Bismuth	209-1	13798577	13714266	13584405	13699083	0.79	cps
Bismuth	209-2	7752321	7679803	7648765	7693630	0.69	cps
Boron	10-1	2267	2350	2484	2367	4.62	cps
Boron	11-1	12848	12706	12714	12756	0.62	cps
Cadmium	111-1	4342	3955	4056	4118	4.88	cps
Cadmium	106-1	5968	5401	5551	5640	5.21	cps
Cadmium	108-1	63	67	38	56	28.40	cps
Calcium	43-1	296799	290187	286531	291172	1.79	cps
Calcium	44-1	4828624	4737128	4764259	4776670	0.98	cps
Chromium	52-2	1557	1490	1617	1555	4.08	cps
Cobalt	59-2	507	470	547	508	7.55	cps
Copper	63-2	728063	730486	725684	728078	0.33	cps
Dysprosium	156-1	67	108	83	86	24.35	cps
Dysprosium	156-2	40	17	40	32	41.80	cps
Erbium	164-1	142	167	142	150	9.62	cps
Erbium	164-2	63	50	90	68	30.05	cps
Gadolinium	160-1	200	133	200	178	21.65	cps
Gadolinium	160-2	117	77	80	91	24.36	cps
Holmium	165-1	20255888	19865641	19817154	19979561	1.20	cps
Holmium	165-2	9651692	9627221	9563371	9614095	0.47	cps
Indium	115-1	15808804	15558930	15678705	15682146	0.80	cps
Indium	115-2	2962961	2958499	2974064	2965175	0.27	cps
Iron	56-2	83969	87957	80268	84065	4.57	cps
Iron	57-2	2006	2122	2809	2312	18.76	cps
Lead	206-1	54696	54507	53252	54151	1.45	cps
Lead	207-1	46554	45964	46950	46489	1.07	cps
Lead	208-1	219130	215710	216380	217073	0.83	cps
Lithium	6-1	1892881	1873162	1849187	1871743	1.17	cps
Magnesium	24-2	522361	524571	520938	522623	0.35	cps
Manganese	55-2	30829	29647	29142	29873	2.90	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-11	Instrumnet Name :	P7
Client Sample ID :	DC32521-11-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:08:53	DataFile Name :	051SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1267	1300	1442	1336	6.95	cps
Molybdenum	95-1	725	925	800	817	12.37	cps
Molybdenum	96-1	933	1058	1192	1061	12.18	cps
Molybdenum	97-1	475	617	658	583	16.48	cps
Molybdenum	98-1	1133	1183	1425	1247	12.51	cps
Neodymium	150-1	67	93	87	82	16.88	cps
Neodymium	150-2	27	17	23	22	22.91	cps
Nickel	60-2	307009	307530	305259	306599	0.39	cps
Phosphorus	31-2	5451	5285	5218	5318	2.26	cps
Potassium	39-2	259784	259547	255904	258411	0.84	cps
Rhodium	103-1	14391541	14272144	14196632	14286772	0.69	cps
Rhodium	103-2	6801930	6698376	6779880	6760062	0.81	cps
Scandium	45-1	9152258	9071855	9057813	9093975	0.56	cps
Scandium	45-2	423702	426751	426995	425816	0.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	98	120	111	110	10.16	cps
Selenium	82-1	-81	-54	-45	-60	-31.93	cps
Silicon	28-1	6479383	6422231	6332666	6411427	1.15	cps
Silver	109-1	283	283	292	286	1.68	cps
Silver	107-1	425	433	433	431	1.12	cps
Sodium	23-2	6791131	6755912	6754022	6767022	0.31	cps
Strontium	86-1	119781	117149	116931	117954	1.34	cps
Strontium	88-1	995742	968486	973262	979163	1.49	cps
Sulfur	34-1	820906	815876	812928	816570	0.49	cps
Terbium	159-1	20740223	20874113	20343692	20652676	1.34	cps
Terbium	159-2	9638553	9622327	9739182	9666687	0.65	cps
Thallium	203-1	475	458	550	494	9.88	cps
Thallium	205-1	1158	1092	1275	1175	7.90	cps
Tin	118-1	1042	1075	1208	1108	7.96	cps
Titanium	47-1	1208	1058	1342	1203	11.79	cps
Uranium	238-1	600	642	675	639	5.88	cps
Vanadium	51-2	243	300	237	260	13.39	cps
Yttrium	89-1	15634394	15584951	15393358	15537568	0.82	cps
Yttrium	89-2	2258898	2253501	2264012	2258804	0.23	cps
Zinc	66-2	462392	463649	465189	463743	0.30	cps
Zirconium	90-1	2367	2425	2700	2498	7.13	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-11	Instrumnet Name :	P7
Client Sample ID :	DC32521-11-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:08:53	DataFile Name :	051SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	492	600	539	10.30	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-12	Instrumnet Name :	P7
Client Sample ID :	DC32521-12-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:12:21	DataFile Name :	052SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2761	2109	1875	2248	20.42	cps
Antimony	121-1	1900	2367	2392	2220	12.48	cps
Arsenic	75-2	194	183	176	185	5.05	cps
Barium	135-1	78464	75639	76243	76782	1.94	cps
Barium	137-1	134269	134075	133201	133848	0.43	cps
Beryllium	9-1	217	150	94	154	39.81	cps
Bismuth	209-1	14257006	14064492	13898009	14073169	1.28	cps
Bismuth	209-2	7726206	7700994	7658022	7695074	0.45	cps
Boron	10-1	2067	2292	2600	2320	11.54	cps
Boron	11-1	11763	11697	11288	11583	2.22	cps
Cadmium	111-1	3958	3996	4092	4015	1.72	cps
Cadmium	106-1	5643	5693	5785	5707	1.26	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	289545	288452	290402	289466	0.34	cps
Calcium	44-1	4759895	4734074	4768084	4754018	0.37	cps
Chromium	52-2	1090	1187	1263	1180	7.36	cps
Cobalt	59-2	260	187	300	249	23.09	cps
Copper	63-2	792288	784023	778231	784847	0.90	cps
Dysprosium	156-1	117	92	133	114	18.41	cps
Dysprosium	156-2	70	57	77	68	15.02	cps
Erbium	164-1	192	158	133	161	18.17	cps
Erbium	164-2	83	63	43	63	31.59	cps
Gadolinium	160-1	258	308	267	278	9.64	cps
Gadolinium	160-2	93	120	103	106	12.76	cps
Holmium	165-1	20270817	20140497	20122204	20177839	0.40	cps
Holmium	165-2	9742930	9640559	9580913	9654800	0.85	cps
Indium	115-1	16101589	15857784	15954413	15971262	0.77	cps
Indium	115-2	2988503	2945371	2926388	2953421	1.08	cps
Iron	56-2	112411	120377	133228	122005	8.61	cps
Iron	57-2	3440	2695	2767	2967	13.85	cps
Lead	206-1	6680	6946	6991	6872	2.45	cps
Lead	207-1	6235	6252	6129	6205	1.07	cps
Lead	208-1	28113	28268	27718	28033	1.01	cps
Lithium	6-1	1900734	1871329	1877785	1883283	0.82	cps
Magnesium	24-2	521252	513938	511954	515715	0.95	cps
Manganese	55-2	38708	33292	36408	36136	7.52	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-12	Instrumnet Name :	P7
Client Sample ID :	DC32521-12-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:12:21	DataFile Name :	052SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1350	1317	1433	1367	4.40	cps
Molybdenum	95-1	533	875	967	792	28.85	cps
Molybdenum	96-1	733	983	1200	972	24.02	cps
Molybdenum	97-1	400	533	708	547	28.26	cps
Molybdenum	98-1	967	1183	1275	1142	13.87	cps
Neodymium	150-1	113	113	120	116	3.33	cps
Neodymium	150-2	30	47	63	47	35.71	cps
Nickel	60-2	2117	2167	2110	2131	1.45	cps
Phosphorus	31-2	5885	5860	6218	5988	3.34	cps
Potassium	39-2	256954	258551	257402	257635	0.32	cps
Rhodium	103-1	14779413	14707669	14554678	14680587	0.78	cps
Rhodium	103-2	6884150	6651559	6660709	6732139	1.96	cps
Scandium	45-1	9327525	9259174	9237643	9274781	0.51	cps
Scandium	45-2	428382	423010	423918	425103	0.68	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	120	120	137	126	7.64	cps
Selenium	82-1	195	-6	-163	9	2052.49	cps
Silicon	28-1	6487704	6503881	6725037	6572208	2.02	cps
Silver	109-1	317	317	258	297	11.33	cps
Silver	107-1	450	450	350	417	13.86	cps
Sodium	23-2	6887271	6725304	6786659	6799745	1.20	cps
Strontium	86-1	120184	120561	120949	120565	0.32	cps
Strontium	88-1	1016222	995375	998731	1003442	1.12	cps
Sulfur	34-1	818244	815495	811994	815244	0.38	cps
Terbium	159-1	21140827	20920736	21289407	21116990	0.88	cps
Terbium	159-2	9705975	9633170	9467905	9602350	1.27	cps
Thallium	203-1	317	267	383	322	18.17	cps
Thallium	205-1	783	783	892	820	7.63	cps
Tin	118-1	1033	933	883	950	8.04	cps
Titanium	47-1	1275	1450	1709	1478	14.76	cps
Uranium	238-1	842	792	717	783	8.03	cps
Vanadium	51-2	297	253	263	271	8.37	cps
Yttrium	89-1	16009556	15614756	15617242	15747185	1.44	cps
Yttrium	89-2	2275553	2244761	2233791	2251368	0.96	cps
Zinc	66-2	21252	21256	21910	21473	1.76	cps
Zirconium	90-1	2142	2175	2700	2339	13.39	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-12	Instrumnet Name :	P7
Client Sample ID :	DC32521-12-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:12:21	DataFile Name :	052SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	458	508	475	6.08	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-13	Instrumnet Name :	P7
Client Sample ID :	DC32521-13-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:15:49	DataFile Name :	053SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1434	1175	1392	1334	10.41	cps
Antimony	121-1	1867	2100	2059	2009	6.20	cps
Arsenic	75-2	143	165	181	163	11.97	cps
Barium	135-1	68377	68201	66275	67618	1.72	cps
Barium	137-1	119519	116057	119698	118425	1.73	cps
Beryllium	9-1	94	89	133	106	22.94	cps
Bismuth	209-1	13809805	13735986	13634527	13726773	0.64	cps
Bismuth	209-2	7741865	7492167	7039081	7424371	4.80	cps
Boron	10-1	2400	2150	2492	2348	7.53	cps
Boron	11-1	11605	11989	11438	11677	2.42	cps
Cadmium	111-1	4011	3793	3976	3927	2.99	cps
Cadmium	106-1	5710	5393	5668	5590	3.08	cps
Cadmium	108-1	33	17	29	26	32.86	cps
Calcium	43-1	288792	290577	288997	289455	0.34	cps
Calcium	44-1	4708006	4783551	4691688	4727748	1.04	cps
Chromium	52-2	1280	1270	1357	1302	3.64	cps
Cobalt	59-2	640	627	563	610	6.72	cps
Copper	63-2	1051179	1046574	1064865	1054206	0.90	cps
Dysprosium	156-1	50	58	75	61	20.83	cps
Dysprosium	156-2	23	53	40	39	38.65	cps
Erbium	164-1	75	225	108	136	57.87	cps
Erbium	164-2	43	57	33	44	26.35	cps
Gadolinium	160-1	250	192	142	194	27.88	cps
Gadolinium	160-2	117	77	110	101	21.19	cps
Holmium	165-1	19909141	19663351	19578998	19717163	0.87	cps
Holmium	165-2	9720471	9394911	8977063	9364148	3.98	cps
Indium	115-1	15802849	15596236	15589043	15662709	0.78	cps
Indium	115-2	2976664	2919379	2748396	2881480	4.12	cps
Iron	56-2	85107	82152	80228	82496	2.98	cps
Iron	57-2	1939	2306	2423	2222	11.35	cps
Lead	206-1	7513	7736	7925	7725	2.67	cps
Lead	207-1	6824	6841	6685	6783	1.26	cps
Lead	208-1	30832	31232	30770	30945	0.81	cps
Lithium	6-1	1852735	1825368	1838267	1838790	0.74	cps
Magnesium	24-2	543954	541642	546693	544096	0.46	cps
Manganese	55-2	26193	25823	26133	26050	0.76	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-13	Instrumnet Name :	P7
Client Sample ID :	DC32521-13-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:15:49	DataFile Name :	053SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1167	1083	975	1075	8.94	cps
Molybdenum	95-1	525	458	650	544	17.87	cps
Molybdenum	96-1	725	767	725	739	3.26	cps
Molybdenum	97-1	342	342	508	397	24.22	cps
Molybdenum	98-1	925	1008	1175	1036	12.29	cps
Neodymium	150-1	100	33	27	53	76.03	cps
Neodymium	150-2	37	33	10	27	54.49	cps
Nickel	60-2	1147	1197	1177	1173	2.15	cps
Phosphorus	31-2	5518	5876	6043	5813	4.62	cps
Potassium	39-2	261299	260636	263465	261800	0.57	cps
Rhodium	103-1	14317706	14188163	14403757	14303208	0.76	cps
Rhodium	103-2	6793682	6672093	6200791	6555522	4.78	cps
Scandium	45-1	9160027	9127446	9119677	9135717	0.23	cps
Scandium	45-2	430379	424523	393910	416271	4.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	111	119	109	10.41	cps
Selenium	82-1	-216	1	-22	-79	-150.96	cps
Silicon	28-1	6401234	6497415	6377642	6425431	0.99	cps
Silver	109-1	367	400	375	381	4.56	cps
Silver	107-1	525	417	442	461	12.30	cps
Sodium	23-2	6771404	6798345	6853843	6807864	0.62	cps
Strontium	86-1	117134	116941	115378	116484	0.83	cps
Strontium	88-1	978621	966310	959192	968041	1.02	cps
Sulfur	34-1	810232	809681	810976	810296	0.08	cps
Terbium	159-1	20711031	20201968	20630123	20514374	1.33	cps
Terbium	159-2	9670039	9516715	8882059	9356271	4.47	cps
Thallium	203-1	200	350	292	281	26.95	cps
Thallium	205-1	758	725	517	667	19.65	cps
Tin	118-1	992	1000	942	978	3.23	cps
Titanium	47-1	1350	983	1692	1342	26.42	cps
Uranium	238-1	592	517	658	589	12.04	cps
Vanadium	51-2	267	273	287	276	3.69	cps
Yttrium	89-1	15750769	15257104	15331340	15446404	1.72	cps
Yttrium	89-2	2252700	2236451	2062305	2183818	4.83	cps
Zinc	66-2	65101	65128	65864	65364	0.66	cps
Zirconium	90-1	1892	1633	1975	1834	9.72	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-13	Instrumnet Name :	P7
Client Sample ID :	DC32521-13-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:15:49	DataFile Name :	053SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	392	433	403	6.65	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-14	Instrumnet Name :	P7
Client Sample ID :	DC32521-14-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:19:16	DataFile Name :	054SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2017	1258	2126	1801	26.25	cps
Antimony	121-1	1717	1650	1834	1734	5.35	cps
Arsenic	75-2	163	172	178	171	4.38	cps
Barium	135-1	71744	70671	72129	71515	1.06	cps
Barium	137-1	127750	125784	124681	126072	1.23	cps
Beryllium	9-1	128	128	167	141	15.95	cps
Bismuth	209-1	13895380	14010648	13861560	13922530	0.56	cps
Bismuth	209-2	7905720	7799357	7721658	7808911	1.18	cps
Boron	10-1	2075	2117	2267	2153	4.68	cps
Boron	11-1	11180	11063	11363	11202	1.35	cps
Cadmium	111-1	4101	3984	4053	4046	1.46	cps
Cadmium	106-1	5851	5685	5793	5776	1.46	cps
Cadmium	108-1	17	29	21	22	28.64	cps
Calcium	43-1	296231	288985	284683	289966	2.01	cps
Calcium	44-1	4772858	4793500	4720878	4762412	0.79	cps
Chromium	52-2	1410	1357	1340	1369	2.67	cps
Cobalt	59-2	323	293	257	291	11.47	cps
Copper	63-2	600372	598847	596077	598432	0.36	cps
Dysprosium	156-1	242	133	108	161	44.01	cps
Dysprosium	156-2	47	53	73	58	24.02	cps
Erbium	164-1	200	167	175	181	9.61	cps
Erbium	164-2	77	73	103	84	19.47	cps
Gadolinium	160-1	317	175	217	236	30.84	cps
Gadolinium	160-2	107	87	97	97	10.34	cps
Holmium	165-1	20125446	20099620	19995420	20073495	0.34	cps
Holmium	165-2	9875604	9880125	9687715	9814481	1.12	cps
Indium	115-1	15974634	15859231	15873853	15902573	0.40	cps
Indium	115-2	3050281	3035436	2993343	3026353	0.98	cps
Iron	56-2	158854	155638	143983	152825	5.12	cps
Iron	57-2	4206	3745	3656	3869	7.63	cps
Lead	206-1	5368	5518	5162	5349	3.34	cps
Lead	207-1	4551	4301	4556	4469	3.27	cps
Lead	208-1	21246	21335	20551	21044	2.04	cps
Lithium	6-1	1854600	1868743	1850575	1857973	0.51	cps
Magnesium	24-2	533503	530127	522096	528575	1.11	cps
Manganese	55-2	42786	41836	41168	41930	1.94	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-14	Instrumnet Name :	P7
Client Sample ID :	DC32521-14-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:19:16	DataFile Name :	054SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892	1108	1025	1008	10.84	cps
Molybdenum	95-1	542	708	617	622	13.42	cps
Molybdenum	96-1	725	750	767	747	2.81	cps
Molybdenum	97-1	350	475	283	369	26.34	cps
Molybdenum	98-1	792	867	783	814	5.64	cps
Neodymium	150-1	133	133	113	127	9.12	cps
Neodymium	150-2	60	43	43	49	19.69	cps
Nickel	60-2	900	857	903	887	2.94	cps
Phosphorus	31-2	6202	5818	6218	6079	3.72	cps
Potassium	39-2	266763	266937	261373	265024	1.19	cps
Rhodium	103-1	14580228	14553456	14492500	14542061	0.31	cps
Rhodium	103-2	6939029	6884745	6830368	6884714	0.79	cps
Scandium	45-1	9389792	9229915	9238169	9285959	0.97	cps
Scandium	45-2	440671	436363	433617	436884	0.81	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	122	111	137	123	10.54	cps
Selenium	82-1	-96	46	35	-5	-1580.69	cps
Silicon	28-1	6563485	6495346	6486863	6515231	0.64	cps
Silver	109-1	308	275	258	281	9.07	cps
Silver	107-1	392	383	342	372	7.20	cps
Sodium	23-2	7028105	6941502	6867111	6945573	1.16	cps
Strontium	86-1	118864	116905	118040	117936	0.83	cps
Strontium	88-1	987486	979717	975239	980814	0.63	cps
Sulfur	34-1	819131	821874	820160	820388	0.17	cps
Terbium	159-1	20898079	21242972	20796233	20979095	1.12	cps
Terbium	159-2	9982890	9798891	9828878	9870220	1.00	cps
Thallium	203-1	275	275	300	283	5.09	cps
Thallium	205-1	533	717	650	633	14.65	cps
Tin	118-1	775	892	825	831	7.05	cps
Titanium	47-1	1517	1358	1542	1472	6.75	cps
Uranium	238-1	858	792	992	881	11.57	cps
Vanadium	51-2	277	250	240	256	7.42	cps
Yttrium	89-1	15811988	15699717	15691209	15734305	0.43	cps
Yttrium	89-2	2320978	2317913	2303880	2314257	0.39	cps
Zinc	66-2	17184	17047	17337	17189	0.85	cps
Zirconium	90-1	1959	1892	1825	1892	3.52	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-14	Instrumnet Name :	P7
Client Sample ID :	DC32521-14-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:19:16	DataFile Name :	054SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	467	533	444	22.91	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-15	Instrumnet Name :	P7
Client Sample ID :	DC32521-15-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:22:43	DataFile Name :	055SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1367	1283	1453	15.52	cps
Antimony	121-1	1600	1892	1900	1797	9.51	cps
Arsenic	75-2	169	200	189	186	8.59	cps
Barium	135-1	72498	73947	71476	72640	1.71	cps
Barium	137-1	125707	128473	127002	127060	1.09	cps
Beryllium	9-1	94	67	111	91	24.74	cps
Bismuth	209-1	13987553	14093570	13995550	14025557	0.42	cps
Bismuth	209-2	7786954	7712890	7609396	7703080	1.16	cps
Boron	10-1	2534	2484	2092	2370	10.21	cps
Boron	11-1	11129	10996	10679	10935	2.11	cps
Cadmium	111-1	3969	3898	3893	3920	1.09	cps
Cadmium	106-1	5543	5435	5418	5465	1.24	cps
Cadmium	108-1	75	63	29	56	42.64	cps
Calcium	43-1	305120	297928	302883	301977	1.22	cps
Calcium	44-1	4981817	4939020	4973461	4964766	0.46	cps
Chromium	52-2	1453	1490	1387	1443	3.63	cps
Cobalt	59-2	487	520	520	509	3.78	cps
Copper	63-2	1266504	1261777	1262607	1263629	0.20	cps
Dysprosium	156-1	108	100	92	100	8.33	cps
Dysprosium	156-2	33	53	40	42	24.12	cps
Erbium	164-1	175	200	167	181	9.61	cps
Erbium	164-2	67	67	50	61	15.75	cps
Gadolinium	160-1	242	133	233	203	29.73	cps
Gadolinium	160-2	133	107	110	117	12.46	cps
Holmium	165-1	20325078	20158284	20334388	20272584	0.49	cps
Holmium	165-2	9757725	9691942	9650072	9699913	0.56	cps
Indium	115-1	16082169	15938629	16065229	16028676	0.49	cps
Indium	115-2	3012592	2996592	2993626	3000937	0.34	cps
Iron	56-2	87458	91532	88994	89328	2.30	cps
Iron	57-2	2262	2412	2311	2328	3.28	cps
Lead	206-1	14002	13246	13229	13492	3.27	cps
Lead	207-1	11400	11238	11199	11279	0.94	cps
Lead	208-1	53510	52370	52314	52731	1.28	cps
Lithium	6-1	1862641	1836777	1850258	1849892	0.70	cps
Magnesium	24-2	529071	523951	525915	526312	0.49	cps
Manganese	55-2	31053	31110	31494	31219	0.77	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-15	Instrumnet Name :	P7
Client Sample ID :	DC32521-15-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:22:43	DataFile Name :	055SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	1008	1000	900	20.05	cps
Molybdenum	95-1	542	583	567	564	3.72	cps
Molybdenum	96-1	625	817	858	767	16.23	cps
Molybdenum	97-1	400	367	533	433	20.35	cps
Molybdenum	98-1	742	733	950	808	15.19	cps
Neodymium	150-1	100	120	113	111	9.17	cps
Neodymium	150-2	33	40	30	34	14.78	cps
Nickel	60-2	15298	15068	14784	15050	1.71	cps
Phosphorus	31-2	5510	5468	5184	5387	3.28	cps
Potassium	39-2	270117	271644	268842	270201	0.52	cps
Rhodium	103-1	14592952	14705796	14598387	14632378	0.43	cps
Rhodium	103-2	6826913	6793504	6834196	6818205	0.32	cps
Scandium	45-1	9358773	9311822	9314864	9328487	0.28	cps
Scandium	45-2	432454	433014	433611	433026	0.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	96	96	98	97	1.10	cps
Selenium	82-1	-295	-234	-18	-182	-79.77	cps
Silicon	28-1	6596078	6544772	6698051	6612967	1.18	cps
Silver	109-1	300	92	275	222	51.19	cps
Silver	107-1	300	267	250	272	9.35	cps
Sodium	23-2	6937941	6931447	6848161	6905849	0.72	cps
Strontium	86-1	120124	119217	119132	119491	0.46	cps
Strontium	88-1	1002224	986652	983619	990832	1.01	cps
Sulfur	34-1	828858	825611	821946	825472	0.42	cps
Terbium	159-1	21175778	21009234	21052973	21079328	0.41	cps
Terbium	159-2	9831531	9796138	9661116	9762928	0.92	cps
Thallium	203-1	300	192	192	228	27.46	cps
Thallium	205-1	667	575	658	633	8.00	cps
Tin	118-1	925	967	1100	997	9.17	cps
Titanium	47-1	1492	1317	1225	1345	10.08	cps
Uranium	238-1	575	708	650	644	10.37	cps
Vanadium	51-2	267	213	243	241	11.09	cps
Yttrium	89-1	15751482	15752600	15697453	15733845	0.20	cps
Yttrium	89-2	2298855	2281912	2285081	2288616	0.39	cps
Zinc	66-2	448779	444730	442520	445343	0.71	cps
Zirconium	90-1	1834	1625	2034	1831	11.16	cps

Reviewed By:jaswal
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-15	Instrumnet Name :	P7
Client Sample ID :	DC32521-15-FL1-CL003·	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:22:43	DataFile Name :	055SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	367	367	361	2.67	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-16	Instrumnet Name :	P7
Client Sample ID :	DC32521-16-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:26:11	DataFile Name :	056SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1792	2201	1442	1812	20.98	cps
Antimony	121-1	1500	1667	1759	1642	7.98	cps
Arsenic	75-2	152	161	180	164	8.61	cps
Barium	135-1	68930	68294	68377	68534	0.50	cps
Barium	137-1	122521	120200	121151	121290	0.96	cps
Beryllium	9-1	122	56	61	80	46.46	cps
Bismuth	209-1	13643752	13795113	13732620	13723828	0.55	cps
Bismuth	209-2	7714314	7618801	7747251	7693455	0.87	cps
Boron	10-1	2159	2267	1992	2139	6.48	cps
Boron	11-1	10546	11096	10471	10704	3.19	cps
Cadmium	111-1	3777	3872	3817	3822	1.24	cps
Cadmium	106-1	5401	5510	5418	5443	1.07	cps
Cadmium	108-1	29	8	13	17	66.16	cps
Calcium	43-1	284956	284249	286934	285380	0.49	cps
Calcium	44-1	4722075	4715945	4730082	4722701	0.15	cps
Chromium	52-2	1803	1743	1753	1767	1.82	cps
Cobalt	59-2	267	283	223	258	12.01	cps
Copper	63-2	560449	559039	556131	558539	0.39	cps
Dysprosium	156-1	125	117	108	117	7.14	cps
Dysprosium	156-2	53	23	53	43	39.97	cps
Erbium	164-1	150	117	133	133	12.50	cps
Erbium	164-2	107	63	67	79	30.57	cps
Gadolinium	160-1	250	200	225	225	11.11	cps
Gadolinium	160-2	83	80	107	90	16.14	cps
Holmium	165-1	19947101	19724515	19800673	19824096	0.57	cps
Holmium	165-2	9769175	9641259	9705042	9705159	0.66	cps
Indium	115-1	15720062	15781971	15702081	15734704	0.27	cps
Indium	115-2	2995459	2974876	2962903	2977746	0.55	cps
Iron	56-2	131609	123691	125622	126974	3.25	cps
Iron	57-2	3417	3306	3417	3380	1.90	cps
Lead	206-1	3495	3662	3712	3623	3.13	cps
Lead	207-1	3256	3062	3167	3162	3.08	cps
Lead	208-1	13970	14226	14520	14239	1.93	cps
Lithium	6-1	1811655	1807904	1793009	1804189	0.55	cps
Magnesium	24-2	513070	510995	511895	511986	0.20	cps
Manganese	55-2	32135	31080	30899	31371	2.13	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-16	Instrumnet Name :	P7
Client Sample ID :	DC32521-16-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:26:11	DataFile Name :	056SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	950	1092	964	12.60	cps
Molybdenum	95-1	383	667	583	544	26.75	cps
Molybdenum	96-1	742	692	700	711	3.77	cps
Molybdenum	97-1	442	383	367	397	9.91	cps
Molybdenum	98-1	700	883	867	817	12.41	cps
Neodymium	150-1	120	107	113	113	5.88	cps
Neodymium	150-2	33	30	37	33	10.01	cps
Nickel	60-2	880	753	763	799	8.82	cps
Phosphorus	31-2	5601	5885	5726	5737	2.48	cps
Potassium	39-2	260888	257890	257438	258739	0.72	cps
Rhodium	103-1	14364065	14310003	14362004	14345358	0.21	cps
Rhodium	103-2	6854632	6805065	6755559	6805085	0.73	cps
Scandium	45-1	9257867	9262610	9173493	9231323	0.54	cps
Scandium	45-2	431067	429104	432182	430784	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	96	80	92	11.80	cps
Selenium	82-1	-127	196	-103	-11	-1585.47	cps
Silicon	28-1	6453005	6402803	6464064	6439958	0.51	cps
Silver	109-1	192	233	242	222	12.05	cps
Silver	107-1	300	333	317	317	5.26	cps
Sodium	23-2	6747424	6758704	6781341	6762490	0.26	cps
Strontium	86-1	114545	116360	116553	115819	0.96	cps
Strontium	88-1	960875	953017	944705	952866	0.85	cps
Sulfur	34-1	826660	827534	828006	827400	0.08	cps
Terbium	159-1	20576476	20622721	20716379	20638525	0.35	cps
Terbium	159-2	9638276	9600808	9614170	9617751	0.20	cps
Thallium	203-1	317	233	300	283	15.56	cps
Thallium	205-1	558	700	700	653	12.53	cps
Tin	118-1	892	958	983	945	5.02	cps
Titanium	47-1	1483	1467	1142	1364	14.13	cps
Uranium	238-1	700	675	675	683	2.11	cps
Vanadium	51-2	300	233	207	247	19.49	cps
Yttrium	89-1	15587467	15574786	15483050	15548434	0.37	cps
Yttrium	89-2	2274480	2275004	2278893	2276125	0.11	cps
Zinc	66-2	14004	13283	13667	13651	2.64	cps
Zirconium	90-1	1909	1917	1767	1864	4.52	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-16	Instrumnet Name :	P7
Client Sample ID :	DC32521-16-FL1-CL003-	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:26:11	DataFile Name :	056SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	467	575	486	16.65	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-17	Instrumnet Name :	P7
Client Sample ID :	DC32521-17-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:29:38	DataFile Name :	057SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1567	2595	1859	2007	26.40	cps
Antimony	121-1	1584	1850	1784	1739	7.98	cps
Arsenic	75-2	165	161	191	172	9.37	cps
Barium	135-1	71141	70480	68050	69890	2.33	cps
Barium	137-1	126279	123041	123151	124157	1.48	cps
Beryllium	9-1	106	56	83	81	30.74	cps
Bismuth	209-1	13706564	13647192	13756858	13703538	0.40	cps
Bismuth	209-2	7669891	7746572	7696334	7704266	0.51	cps
Boron	10-1	2084	2400	2142	2209	7.63	cps
Boron	11-1	10771	10979	10362	10704	2.93	cps
Cadmium	111-1	4016	4031	3669	3906	5.25	cps
Cadmium	106-1	5676	5701	5243	5540	4.65	cps
Cadmium	108-1	4	38	38	26	72.92	cps
Calcium	43-1	285226	283428	283846	284167	0.33	cps
Calcium	44-1	4681077	4680129	4601309	4654172	0.98	cps
Chromium	52-2	1570	1710	1730	1670	5.22	cps
Cobalt	59-2	310	337	320	322	4.18	cps
Copper	63-2	610768	611315	613724	611936	0.26	cps
Dysprosium	156-1	92	117	108	106	12.06	cps
Dysprosium	156-2	57	60	40	52	20.52	cps
Erbium	164-1	142	142	125	136	7.07	cps
Erbium	164-2	70	93	47	70	33.33	cps
Gadolinium	160-1	225	225	175	208	13.86	cps
Gadolinium	160-2	80	100	87	89	11.46	cps
Holmium	165-1	19911843	19787186	19699173	19799401	0.54	cps
Holmium	165-2	9559980	9770350	9728677	9686336	1.15	cps
Indium	115-1	15715279	15674366	15620476	15670040	0.30	cps
Indium	115-2	2977919	2991326	3008688	2992644	0.52	cps
Iron	56-2	121781	120308	118702	120264	1.28	cps
Iron	57-2	3095	2956	3300	3117	5.56	cps
Lead	206-1	13930	13835	14047	13937	0.76	cps
Lead	207-1	11644	11828	11978	11817	1.41	cps
Lead	208-1	55158	54228	54244	54543	0.98	cps
Lithium	6-1	1806394	1797019	1812512	1805308	0.43	cps
Magnesium	24-2	510903	518227	519140	516090	0.87	cps
Manganese	55-2	32025	32837	32242	32368	1.30	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-17	Instrumnet Name :	P7
Client Sample ID :	DC32521-17-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:29:38	DataFile Name :	057SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	783	5198	817	2266	112.06	cps
Molybdenum	95-1	500	492	533	508	4.34	cps
Molybdenum	96-1	575	717	875	722	20.78	cps
Molybdenum	97-1	417	258	417	364	25.12	cps
Molybdenum	98-1	875	725	833	811	9.55	cps
Neodymium	150-1	113	140	280	178	50.39	cps
Neodymium	150-2	47	40	13	33	52.92	cps
Nickel	60-2	4427	4524	4397	4450	1.49	cps
Phosphorus	31-2	5726	6168	5951	5949	3.71	cps
Potassium	39-2	256229	260430	260839	259166	0.98	cps
Rhodium	103-1	14332883	14314340	14129505	14258909	0.79	cps
Rhodium	103-2	6771938	6852760	6827641	6817446	0.61	cps
Scandium	45-1	9118033	9125909	9034070	9092671	0.56	cps
Scandium	45-2	428905	432369	433805	431693	0.58	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	102	91	102	98	6.54	cps
Selenium	82-1	-49	-51	-143	-81	-66.30	cps
Silicon	28-1	6470214	6538646	6547433	6518764	0.65	cps
Silver	109-1	342	408	342	364	10.58	cps
Silver	107-1	300	367	408	358	15.25	cps
Sodium	23-2	6832731	6865795	6814699	6837742	0.38	cps
Strontium	86-1	116116	114815	114755	115229	0.67	cps
Strontium	88-1	961630	955451	951612	956231	0.53	cps
Sulfur	34-1	843788	833325	845550	840887	0.79	cps
Terbium	159-1	20409898	20626361	20500826	20512362	0.53	cps
Terbium	159-2	9670783	9740125	9751245	9720718	0.45	cps
Thallium	203-1	258	267	233	253	6.86	cps
Thallium	205-1	725	600	733	686	10.89	cps
Tin	118-1	892	950	958	933	3.89	cps
Titanium	47-1	1358	1367	2792	1839	44.87	cps
Uranium	238-1	825	633	700	720	13.53	cps
Vanadium	51-2	200	307	283	263	21.30	cps
Yttrium	89-1	15666511	15374981	15492253	15511249	0.95	cps
Yttrium	89-2	2284887	2275109	2290270	2283422	0.34	cps
Zinc	66-2	59963	59765	60411	60046	0.55	cps
Zirconium	90-1	1700	1975	2000	1892	8.80	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-17	Instrumnet Name :	P7
Client Sample ID :	DC32521-17-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:29:38	DataFile Name :	057SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	292	392	344	14.58	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-18	Instrumnet Name :	P7
Client Sample ID :	DC32521-18-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:33:06	DataFile Name :	058SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1459	1375	1467	1434	3.54	cps
Antimony	121-1	1500	1500	1308	1436	7.71	cps
Arsenic	75-2	146	161	152	153	4.89	cps
Barium	135-1	72071	69734	69441	70415	2.05	cps
Barium	137-1	126127	122873	122386	123795	1.64	cps
Beryllium	9-1	89	83	89	87	3.68	cps
Bismuth	209-1	14018535	13861892	13953929	13944785	0.56	cps
Bismuth	209-2	7833987	7802245	7769926	7802052	0.41	cps
Boron	10-1	2025	2159	2359	2181	7.69	cps
Boron	11-1	11238	10788	10938	10988	2.09	cps
Cadmium	111-1	3976	4342	4055	4125	4.67	cps
Cadmium	106-1	5668	6160	5760	5863	4.46	cps
Cadmium	108-1	29	4	8	14	96.44	cps
Calcium	43-1	289226	288243	285686	287718	0.64	cps
Calcium	44-1	4818266	4755465	4731075	4768268	0.94	cps
Chromium	52-2	1523	1483	1493	1500	1.39	cps
Cobalt	59-2	247	220	203	223	9.79	cps
Copper	63-2	527660	523584	525316	525520	0.39	cps
Dysprosium	156-1	125	75	133	111	28.40	cps
Dysprosium	156-2	53	60	43	52	16.07	cps
Erbium	164-1	150	125	158	144	12.01	cps
Erbium	164-2	60	73	87	73	18.18	cps
Gadolinium	160-1	217	300	133	217	38.46	cps
Gadolinium	160-2	90	73	107	90	18.52	cps
Holmium	165-1	20387480	20062245	20103133	20184286	0.88	cps
Holmium	165-2	9904743	9901782	9758912	9855146	0.85	cps
Indium	115-1	16215292	15912940	15999599	16042610	0.97	cps
Indium	115-2	3052160	3033659	3026251	3037357	0.44	cps
Iron	56-2	126255	130078	128132	128155	1.49	cps
Iron	57-2	3084	3695	3367	3382	9.05	cps
Lead	206-1	3673	3734	3895	3767	3.05	cps
Lead	207-1	2950	3017	3556	3175	10.46	cps
Lead	208-1	14965	14754	15293	15004	1.81	cps
Lithium	6-1	1855495	1831135	1868884	1851838	1.03	cps
Magnesium	24-2	523939	523517	522692	523383	0.12	cps
Manganese	55-2	32640	32372	31948	32320	1.08	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-18	Instrumnet Name :	P7
Client Sample ID :	DC32521-18-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:33:06	DataFile Name :	058SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892	1629	925	1148	36.23	cps
Molybdenum	95-1	417	542	517	492	13.45	cps
Molybdenum	96-1	683	742	650	692	6.71	cps
Molybdenum	97-1	433	458	350	414	13.71	cps
Molybdenum	98-1	675	783	950	803	17.26	cps
Neodymium	150-1	80	113	73	89	24.11	cps
Neodymium	150-2	47	23	47	39	34.65	cps
Nickel	60-2	753	877	917	849	10.03	cps
Phosphorus	31-2	5701	5843	5910	5818	1.83	cps
Potassium	39-2	265908	260771	263611	263430	0.98	cps
Rhodium	103-1	14696913	14636588	14582640	14638714	0.39	cps
Rhodium	103-2	6930495	6978946	6943957	6951133	0.36	cps
Scandium	45-1	9382664	9331496	9317322	9343827	0.37	cps
Scandium	45-2	440062	439631	436253	438649	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	137	104	128	123	14.01	cps
Selenium	82-1	53	142	-177	6	2666.68	cps
Silicon	28-1	6955993	6617087	7491419	7021500	6.28	cps
Silver	109-1	275	217	267	253	12.48	cps
Silver	107-1	283	308	267	286	7.33	cps
Sodium	23-2	6937227	6934225	6867125	6912859	0.57	cps
Strontium	86-1	118385	117825	117343	117851	0.44	cps
Strontium	88-1	974772	972830	970925	972842	0.20	cps
Sulfur	34-1	854375	848628	839391	847465	0.89	cps
Terbium	159-1	21035719	20910185	21053261	20999722	0.37	cps
Terbium	159-2	9830488	9721191	9681392	9744357	0.79	cps
Thallium	203-1	308	275	283	289	6.00	cps
Thallium	205-1	617	583	617	606	3.18	cps
Tin	118-1	683	792	833	770	10.06	cps
Titanium	47-1	1267	1417	1275	1320	6.39	cps
Uranium	238-1	775	833	883	831	6.53	cps
Vanadium	51-2	173	267	217	219	21.34	cps
Yttrium	89-1	15934481	15828176	15927716	15896791	0.37	cps
Yttrium	89-2	2317768	2318940	2306314	2314340	0.30	cps
Zinc	66-2	10264	10170	10447	10294	1.37	cps
Zirconium	90-1	1759	1842	1842	1814	2.65	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-18	Instrumnet Name :	P7
Client Sample ID :	DC32521-18-FL1-BR-W3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:33:06	DataFile Name :	058SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	375	375	375	0.00	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:36:35	DataFile Name :	059CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1430157	1422240	1434623	1429007	0.44	cps
Antimony	121-1	8208650	8033182	8125458	8122430	1.08	cps
Arsenic	75-2	288656	289725	290779	289720	0.37	cps
Barium	135-1	9567275	9542711	9583895	9564627	0.22	cps
Barium	137-1	16482812	16705041	16614674	16600842	0.67	cps
Beryllium	9-1	1271315	1270372	1271940	1271209	0.06	cps
Bismuth	209-1	12725026	12567204	12632326	12641519	0.63	cps
Bismuth	209-2	7220587	7231596	7271652	7241278	0.37	cps
Boron	10-1	173576	174534	177798	175303	1.26	cps
Boron	11-1	869635	882611	888881	880375	1.11	cps
Cadmium	111-1	2019361	2029866	2036289	2028505	0.42	cps
Cadmium	106-1	230869	229863	233801	231511	0.88	cps
Cadmium	108-1	149840	150093	151559	150497	0.62	cps
Calcium	43-1	2136558	2149518	2168326	2151467	0.74	cps
Calcium	44-1	34767580	35178525	34910591	34952232	0.60	cps
Chromium	52-2	2460906	2457552	2476496	2464985	0.41	cps
Cobalt	59-2	3999148	4003382	4031014	4011182	0.43	cps
Copper	63-2	5739421	5738988	5768553	5748987	0.29	cps
Dysprosium	156-1	117	150	183	150	22.22	cps
Dysprosium	156-2	43	37	53	44	18.87	cps
Erbium	164-1	125	92	67	94	30.99	cps
Erbium	164-2	30	30	27	29	6.65	cps
Gadolinium	160-1	125	175	258	186	36.19	cps
Gadolinium	160-2	80	103	123	102	21.22	cps
Holmium	165-1	18850469	18865272	18990897	18902213	0.41	cps
Holmium	165-2	9443570	9282379	9451222	9392390	1.02	cps
Indium	115-1	14587603	14740500	14794663	14707589	0.73	cps
Indium	115-2	2835953	2839378	2852870	2842733	0.31	cps
Iron	56-2	103433033	102347166	103129111	102969770	0.54	cps
Iron	57-2	2503477	2498162	2521025	2507555	0.48	cps
Lead	206-1	6463532	6520384	6560237	6514718	0.75	cps
Lead	207-1	5878579	5900818	5902850	5894082	0.23	cps
Lead	208-1	26805474	26905638	26828359	26846490	0.20	cps
Lithium	6-1	1712182	1720035	1712533	1714917	0.26	cps
Magnesium	24-2	17599172	17508623	17553641	17553812	0.26	cps
Manganese	55-2	2782636	2758180	2802000	2780939	0.79	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:36:35	DataFile Name :	059CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7138938	7113028	7175693	7142553	0.44	cps
Molybdenum	95-1	3703563	3746993	3737551	3729369	0.61	cps
Molybdenum	96-1	4810385	4854780	4845893	4837019	0.49	cps
Molybdenum	97-1	2329954	2325170	2334772	2329965	0.21	cps
Molybdenum	98-1	6156553	6193156	6170438	6173382	0.30	cps
Neodymium	150-1	707	680	627	671	6.07	cps
Neodymium	150-2	100	50	93	81	33.47	cps
Nickel	60-2	1064068	1060771	1064931	1063257	0.21	cps
Phosphorus	31-2	82118	80835	83609	82187	1.69	cps
Potassium	39-2	8829995	8742849	8802664	8791836	0.51	cps
Rhodium	103-1	13174410	13222446	13283072	13226642	0.41	cps
Rhodium	103-2	6409324	6360719	6380487	6383510	0.38	cps
Scandium	45-1	8695104	8620948	8692267	8669440	0.48	cps
Scandium	45-2	419760	420742	423838	421447	0.50	cps
Selenium	77-2	5811	5885	5845	5847	0.63	cps
Selenium	78-2	20073	19320	20247	19880	2.48	cps
Selenium	82-1	123438	123919	123852	123736	0.21	cps
Silicon	28-1	4102638	4122224	4108518	4111127	0.24	cps
Silver	109-1	9600588	9529121	9685861	9605190	0.82	cps
Silver	107-1	10021461	9954577	10043759	10006599	0.46	cps
Sodium	23-2	33868730	33883901	33723543	33825391	0.26	cps
Strontium	86-1	2405109	2411186	2423889	2413395	0.40	cps
Strontium	88-1	21036900	21232091	21176224	21148405	0.48	cps
Sulfur	34-1	1448351	1439929	1444519	1444266	0.29	cps
Terbium	159-1	19567238	19443923	19763973	19591711	0.82	cps
Terbium	159-2	9419816	9530910	9288334	9413020	1.29	cps
Thallium	203-1	8306367	8182643	8381005	8290005	1.21	cps
Thallium	205-1	19503059	19509144	19751856	19588020	0.72	cps
Tin	118-1	6566377	6624242	6622923	6604514	0.50	cps
Titanium	47-1	1048790	1046227	1052470	1049162	0.30	cps
Uranium	238-1	27920643	28168946	27770155	27953248	0.72	cps
Vanadium	51-2	2016649	2017049	2013685	2015794	0.09	cps
Yttrium	89-1	14883118	14714496	14818942	14805519	0.57	cps
Yttrium	89-2	2209258	2218938	2220369	2216188	0.27	cps
Zinc	66-2	832639	832389	834690	833239	0.15	cps
Zirconium	90-1	13508436	13379066	13456016	13447840	0.48	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:36:35	DataFile Name :	059CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2952338	2965013	2963654	2960335	0.24	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:39:58	DataFile Name :	060CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	125	83	97	24.74	cps
Antimony	121-1	26743	30033	34109	30295	12.18	cps
Arsenic	75-2	311	339	365	338	7.94	cps
Barium	135-1	400	292	233	308	27.43	cps
Barium	137-1	692	567	583	614	11.06	cps
Beryllium	9-1	250	194	167	204	20.83	cps
Bismuth	209-1	13373243	13397345	13287618	13352735	0.43	cps
Bismuth	209-2	7436561	7505318	7411831	7451237	0.65	cps
Boron	10-1	3942	3434	3150	3509	11.44	cps
Boron	11-1	19113	16902	16668	17561	7.68	cps
Cadmium	111-1	4119	3926	3721	3922	5.08	cps
Cadmium	106-1	5801	5535	5243	5526	5.06	cps
Cadmium	108-1	42	21	4	22	84.55	cps
Calcium	43-1	317	300	242	286	13.76	cps
Calcium	44-1	12906	12889	12631	12809	1.20	cps
Chromium	52-2	1517	1390	1363	1423	5.76	cps
Cobalt	59-2	193	200	217	203	5.91	cps
Copper	63-2	7262	7125	7175	7187	0.96	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	30	13	13	19	50.96	cps
Gadolinium	160-1	158	183	133	158	15.79	cps
Gadolinium	160-2	67	40	43	50	29.06	cps
Holmium	165-1	19342688	19121723	19102922	19189111	0.69	cps
Holmium	165-2	9306974	9326695	9314364	9316011	0.11	cps
Indium	115-1	15272797	15279613	15336029	15296146	0.23	cps
Indium	115-2	2886400	2863341	2872064	2873935	0.41	cps
Iron	56-2	12339	11888	12483	12237	2.54	cps
Iron	57-2	239	261	289	263	9.53	cps
Lead	206-1	2862	2695	2750	2769	3.07	cps
Lead	207-1	2300	2278	2245	2274	1.23	cps
Lead	208-1	10541	10541	10446	10509	0.52	cps
Lithium	6-1	1770170	1766057	1764287	1766838	0.17	cps
Magnesium	24-2	458	442	408	436	5.84	cps
Manganese	55-2	177	130	147	151	15.65	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:39:58	DataFile Name :	060CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3059	3676	5184	3973	27.53	cps
Molybdenum	95-1	4101	5635	7286	5674	28.07	cps
Molybdenum	96-1	5051	5901	7502	6152	20.23	cps
Molybdenum	97-1	2867	3451	4943	3753	28.52	cps
Molybdenum	98-1	6710	9187	11722	9206	27.22	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	283	350	310	314	10.67	cps
Phosphorus	31-2	225	308	158	231	32.60	cps
Potassium	39-2	48823	48932	49040	48932	0.22	cps
Rhodium	103-1	13993160	13914780	13861402	13923114	0.48	cps
Rhodium	103-2	6631493	6611410	6624551	6622484	0.15	cps
Scandium	45-1	8807701	8731918	8718049	8752556	0.55	cps
Scandium	45-2	413133	409468	409665	410755	0.50	cps
Selenium	77-2	17	3	17	12	63.01	cps
Selenium	78-2	143	137	144	141	2.73	cps
Selenium	82-1	95	9	89	64	74.96	cps
Silicon	28-1	443386	439541	438850	440592	0.55	cps
Silver	109-1	642	625	425	564	21.38	cps
Silver	107-1	850	483	708	681	27.17	cps
Sodium	23-2	35301	34206	34148	34552	1.88	cps
Strontium	86-1	5493	6135	5610	5746	5.95	cps
Strontium	88-1	1258	833	1017	1036	20.58	cps
Sulfur	34-1	707124	701272	699065	702487	0.59	cps
Terbium	159-1	19778752	19807878	19792178	19792936	0.07	cps
Terbium	159-2	9351028	9369840	9299399	9340089	0.39	cps
Thallium	203-1	2134	1775	1659	1856	13.34	cps
Thallium	205-1	5010	4509	4326	4615	7.67	cps
Tin	118-1	3959	4901	5393	4751	15.34	cps
Titanium	47-1	292	208	233	244	17.49	cps
Uranium	238-1	1158	1108	892	1053	13.46	cps
Vanadium	51-2	60	57	60	59	3.26	cps
Yttrium	89-1	15056904	14862121	15033691	14984239	0.71	cps
Yttrium	89-2	2194586	2183265	2170092	2182648	0.56	cps
Zinc	66-2	163	173	127	154	15.91	cps
Zirconium	90-1	2525	2425	2734	2561	6.14	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:39:58	DataFile Name :	060CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	542	625	547	13.73	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-19	Instrumnet Name :	P7
Client Sample ID :	DC32521-19-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:43:27	DataFile Name :	061SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2151	2419	1392	1987	26.80	cps
Antimony	121-1	5960	6202	7452	6538	12.25	cps
Arsenic	75-2	259	291	181	244	23.07	cps
Barium	135-1	69776	68519	66786	68360	2.20	cps
Barium	137-1	120552	119326	118496	119458	0.87	cps
Beryllium	9-1	89	117	172	126	33.70	cps
Bismuth	209-1	14205619	14150386	14230655	14195553	0.29	cps
Bismuth	209-2	7972240	7958921	7850549	7927237	0.84	cps
Boron	10-1	3267	3276	3167	3237	1.86	cps
Boron	11-1	16843	16092	16067	16334	2.70	cps
Cadmium	111-1	4167	4067	4259	4164	2.30	cps
Cadmium	106-1	5951	5793	6010	5918	1.90	cps
Cadmium	108-1	46	25	33	35	30.20	cps
Calcium	43-1	298072	298180	299737	298663	0.31	cps
Calcium	44-1	4907747	4914120	4895544	4905804	0.19	cps
Chromium	52-2	1513	1420	1503	1479	3.47	cps
Cobalt	59-2	283	303	260	282	7.68	cps
Copper	63-2	2620992	2597782	2592500	2603758	0.58	cps
Dysprosium	156-1	83	108	92	94	13.48	cps
Dysprosium	156-2	47	27	63	46	40.29	cps
Erbium	164-1	133	167	125	142	15.56	cps
Erbium	164-2	70	93	63	76	20.86	cps
Gadolinium	160-1	192	158	258	203	25.11	cps
Gadolinium	160-2	103	100	123	109	11.59	cps
Holmium	165-1	20512677	20326789	20607230	20482232	0.70	cps
Holmium	165-2	9993991	9932040	9839200	9921744	0.79	cps
Indium	115-1	16384070	16194639	16086279	16221663	0.93	cps
Indium	115-2	3064576	3073431	3055351	3064453	0.30	cps
Iron	56-2	99083	103656	100805	101181	2.28	cps
Iron	57-2	2678	2934	2684	2765	5.28	cps
Lead	206-1	7058	7058	7030	7048	0.23	cps
Lead	207-1	6318	5701	5957	5992	5.17	cps
Lead	208-1	28390	27607	27478	27825	1.77	cps
Lithium	6-1	1901874	1912750	1898616	1904413	0.39	cps
Magnesium	24-2	535757	532642	529588	532663	0.58	cps
Manganese	55-2	31718	31437	31674	31610	0.48	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-19	Instrumnet Name :	P7
Client Sample ID :	DC32521-19-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:43:27	DataFile Name :	061SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6157	3401	3959	4505	32.34	cps
Molybdenum	95-1	1508	1850	2317	1892	21.45	cps
Molybdenum	96-1	2167	2184	3242	2531	24.34	cps
Molybdenum	97-1	1175	958	1425	1186	19.69	cps
Molybdenum	98-1	2617	3075	3709	3134	17.50	cps
Neodymium	150-1	60	140	133	111	39.95	cps
Neodymium	150-2	33	7	13	18	78.05	cps
Nickel	60-2	2317	2337	2224	2292	2.64	cps
Phosphorus	31-2	5560	5676	6202	5812	5.88	cps
Potassium	39-2	270511	266054	267988	268185	0.83	cps
Rhodium	103-1	14810026	14775386	14806817	14797410	0.13	cps
Rhodium	103-2	6969854	6968715	6959024	6965865	0.09	cps
Scandium	45-1	9442695	9428842	9393878	9421805	0.27	cps
Scandium	45-2	438959	441139	436800	438966	0.49	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	119	122	130	123	4.58	cps
Selenium	82-1	138	171	84	131	33.72	cps
Silicon	28-1	6688513	6645302	6597396	6643737	0.69	cps
Silver	109-1	575	292	325	397	38.99	cps
Silver	107-1	675	517	575	589	13.60	cps
Sodium	23-2	7062365	7000352	6994607	7019108	0.54	cps
Strontium	86-1	119427	116889	118066	118128	1.08	cps
Strontium	88-1	993366	990418	978372	987385	0.80	cps
Sulfur	34-1	818407	817410	813829	816549	0.29	cps
Terbium	159-1	21196416	21447541	21273230	21305729	0.60	cps
Terbium	159-2	10001724	10015430	9813263	9943472	1.14	cps
Thallium	203-1	758	767	742	756	1.69	cps
Thallium	205-1	1650	1775	1734	1720	3.70	cps
Tin	118-1	1634	1709	1834	1725	5.86	cps
Titanium	47-1	1367	1634	2044	1682	20.29	cps
Uranium	238-1	642	675	733	683	6.79	cps
Vanadium	51-2	283	233	213	243	14.82	cps
Yttrium	89-1	16157219	15976996	15779841	15971352	1.18	cps
Yttrium	89-2	2347179	2327913	2313577	2329557	0.72	cps
Zinc	66-2	123496	124111	124364	123991	0.36	cps
Zirconium	90-1	7010	6735	6777	6841	2.17	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-19	Instrumnet Name :	P7
Client Sample ID :	DC32521-19-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:43:27	DataFile Name :	061SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1392	1308	1500	1400	6.86	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-20	Instrumnet Name :	P7
Client Sample ID :	DC32521-20-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:46:55	DataFile Name :	062SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1450	1475	1575	1500	4.41	cps
Antimony	121-1	4167	4334	4701	4401	6.20	cps
Arsenic	75-2	189	209	170	190	10.26	cps
Barium	135-1	73671	72983	72590	73081	0.75	cps
Barium	137-1	126920	128448	125000	126789	1.36	cps
Beryllium	9-1	161	67	106	111	42.72	cps
Bismuth	209-1	13984051	13903586	13725826	13871155	0.95	cps
Bismuth	209-2	7787972	7510354	7605510	7634612	1.85	cps
Boron	10-1	2809	2567	2884	2753	6.01	cps
Boron	11-1	14533	14583	14966	14694	1.61	cps
Cadmium	111-1	4111	3706	4154	3990	6.20	cps
Cadmium	106-1	5826	5268	5843	5646	5.80	cps
Cadmium	108-1	13	33	17	21	52.90	cps
Calcium	43-1	289183	286848	285557	287196	0.64	cps
Calcium	44-1	4738242	4680863	4719141	4712749	0.62	cps
Chromium	52-2	1587	1527	1570	1561	1.98	cps
Cobalt	59-2	247	207	230	228	8.82	cps
Copper	63-2	2026954	1987779	1983798	1999511	1.19	cps
Dysprosium	156-1	58	83	75	72	17.62	cps
Dysprosium	156-2	20	43	43	36	37.89	cps
Erbium	164-1	167	175	92	144	31.77	cps
Erbium	164-2	70	90	50	70	28.57	cps
Gadolinium	160-1	192	233	167	197	17.08	cps
Gadolinium	160-2	107	117	110	111	4.58	cps
Holmium	165-1	20094701	19925667	19839906	19953425	0.65	cps
Holmium	165-2	9767208	9432866	9547162	9582412	1.77	cps
Indium	115-1	15706498	15683397	15765229	15718375	0.27	cps
Indium	115-2	2970684	2915296	2916090	2934023	1.08	cps
Iron	56-2	92186	87993	89208	89796	2.40	cps
Iron	57-2	2195	2222	2550	2322	8.52	cps
Lead	206-1	8636	8620	8470	8575	1.07	cps
Lead	207-1	7491	7441	6980	7304	3.86	cps
Lead	208-1	33990	34107	33629	33909	0.73	cps
Lithium	6-1	1869914	1847443	1840729	1852695	0.83	cps
Magnesium	24-2	516047	507028	502864	508646	1.32	cps
Manganese	55-2	25309	24123	24454	24629	2.48	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-20	Instrumnet Name :	P7
Client Sample ID :	DC32521-20-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:46:55	DataFile Name :	062SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1725	1692	2275	1897	17.27	cps
Molybdenum	95-1	900	842	1475	1072	32.65	cps
Molybdenum	96-1	1400	1659	1617	1558	8.90	cps
Molybdenum	97-1	667	725	1000	797	22.33	cps
Molybdenum	98-1	1625	1725	2150	1834	15.21	cps
Neodymium	150-1	100	53	80	78	30.10	cps
Neodymium	150-2	17	23	30	23	28.56	cps
Nickel	60-2	1440	1407	1510	1452	3.63	cps
Phosphorus	31-2	5768	5693	5468	5643	2.77	cps
Potassium	39-2	258096	252547	254386	255010	1.11	cps
Rhodium	103-1	14406169	14483338	14296089	14395199	0.65	cps
Rhodium	103-2	6704924	6615644	6597412	6639327	0.87	cps
Scandium	45-1	9184682	9029869	9059646	9091399	0.90	cps
Scandium	45-2	428634	417790	418319	421581	1.45	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	94	130	83	102	23.59	cps
Selenium	82-1	151	-203	-47	-33	-535.65	cps
Silicon	28-1	6490359	6477331	6442447	6470046	0.38	cps
Silver	109-1	625	500	525	550	12.03	cps
Silver	107-1	725	608	658	664	8.82	cps
Sodium	23-2	6796694	6663606	6678336	6712879	1.09	cps
Strontium	86-1	117763	118654	118704	118374	0.45	cps
Strontium	88-1	987860	985042	981717	984873	0.31	cps
Sulfur	34-1	811930	820328	806532	812930	0.86	cps
Terbium	159-1	20694743	20866801	20756666	20772737	0.42	cps
Terbium	159-2	9768459	9467417	9544361	9593412	1.63	cps
Thallium	203-1	458	575	625	553	15.47	cps
Thallium	205-1	975	1133	1108	1072	7.94	cps
Tin	118-1	1183	1300	1667	1383	18.23	cps
Titanium	47-1	1358	1525	1150	1345	13.98	cps
Uranium	238-1	508	458	508	492	5.87	cps
Vanadium	51-2	303	277	210	263	18.25	cps
Yttrium	89-1	15522857	15503855	15505435	15510716	0.07	cps
Yttrium	89-2	2258052	2219200	2213815	2230356	1.08	cps
Zinc	66-2	94299	91974	92122	92798	1.40	cps
Zirconium	90-1	3192	3034	3809	3345	12.24	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-20	Instrumnet Name :	P7
Client Sample ID :	DC32521-20-FL1-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:46:55	DataFile Name :	062SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	725	892	775	13.08	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-22	Instrumnet Name :	P7
Client Sample ID :	DC32521-22-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:50:24	DataFile Name :	063SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2368	2434	2735	2512	7.80	cps
Antimony	121-1	3142	3134	3184	3153	0.85	cps
Arsenic	75-2	220	215	219	218	1.30	cps
Barium	135-1	79143	78789	80491	79474	1.13	cps
Barium	137-1	138637	137341	136466	137481	0.79	cps
Beryllium	9-1	128	128	156	137	11.70	cps
Bismuth	209-1	13666344	13614981	13650951	13644092	0.19	cps
Bismuth	209-2	7701493	7773578	7766163	7747078	0.51	cps
Boron	10-1	2584	2450	2509	2514	2.66	cps
Boron	11-1	12289	12080	13231	12533	4.89	cps
Cadmium	111-1	4068	4088	4186	4114	1.53	cps
Cadmium	106-1	5651	5676	5785	5704	1.24	cps
Cadmium	108-1	25	50	38	38	33.33	cps
Calcium	43-1	304769	306573	300478	303940	1.03	cps
Calcium	44-1	4967850	5000870	5024953	4997891	0.57	cps
Chromium	52-2	1737	1643	1650	1677	3.11	cps
Cobalt	59-2	417	317	370	368	13.60	cps
Copper	63-2	1599979	1603212	1591172	1598121	0.39	cps
Dysprosium	156-1	75	75	125	92	31.50	cps
Dysprosium	156-2	43	47	50	47	7.15	cps
Erbium	164-1	142	150	200	164	19.25	cps
Erbium	164-2	110	73	73	86	24.74	cps
Gadolinium	160-1	192	192	175	186	5.17	cps
Gadolinium	160-2	87	123	103	104	17.58	cps
Holmium	165-1	19878813	19887853	19786511	19851059	0.28	cps
Holmium	165-2	9672320	9724122	9633992	9676811	0.47	cps
Indium	115-1	15523862	15507567	15639102	15556844	0.46	cps
Indium	115-2	2972471	2981097	2969597	2974388	0.20	cps
Iron	56-2	110684	115314	109639	111879	2.70	cps
Iron	57-2	2695	2906	2917	2839	4.41	cps
Lead	206-1	26455	27045	26466	26655	1.27	cps
Lead	207-1	22625	22520	21629	22258	2.46	cps
Lead	208-1	104992	106006	103884	104961	1.01	cps
Lithium	6-1	1846731	1833627	1854465	1844941	0.57	cps
Magnesium	24-2	523474	523157	515164	520598	0.90	cps
Manganese	55-2	39019	38253	38477	38583	1.02	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-22	Instrumnet Name :	P7
Client Sample ID :	DC32521-22-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:50:24	DataFile Name :	063SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1300	1500	1742	1514	14.61	cps
Molybdenum	95-1	725	833	892	817	10.36	cps
Molybdenum	96-1	1050	1217	1283	1183	10.16	cps
Molybdenum	97-1	550	742	725	672	15.80	cps
Molybdenum	98-1	1167	1450	1525	1381	13.69	cps
Neodymium	150-1	107	120	133	120	11.11	cps
Neodymium	150-2	37	53	43	44	18.87	cps
Nickel	60-2	4244	4581	4351	4392	3.92	cps
Phosphorus	31-2	6143	6076	5901	6040	2.07	cps
Potassium	39-2	264313	262405	262383	263034	0.42	cps
Rhodium	103-1	14178255	14400382	14273396	14284011	0.78	cps
Rhodium	103-2	6867207	6786192	6692936	6782112	1.29	cps
Scandium	45-1	9059408	9004129	9039932	9034490	0.31	cps
Scandium	45-2	427390	431536	425638	428188	0.71	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	122	109	93	108	13.75	cps
Selenium	82-1	-181	99	-89	-57	-252.09	cps
Silicon	28-1	8463108	6403543	6547534	7138061	16.11	cps
Silver	109-1	567	608	533	569	6.60	cps
Silver	107-1	683	625	575	628	8.64	cps
Sodium	23-2	6843571	6857895	6824425	6841964	0.25	cps
Strontium	86-1	121924	120309	120317	120850	0.77	cps
Strontium	88-1	1001586	996263	1001442	999763	0.30	cps
Sulfur	34-1	815016	822455	811442	816304	0.69	cps
Terbium	159-1	20441809	20554961	20639698	20545489	0.48	cps
Terbium	159-2	9694344	9688973	9739648	9707655	0.29	cps
Thallium	203-1	333	500	408	414	20.17	cps
Thallium	205-1	850	1008	975	945	8.84	cps
Tin	118-1	1192	1559	1375	1375	13.33	cps
Titanium	47-1	1442	1968	1725	1712	15.38	cps
Uranium	238-1	558	617	525	567	8.19	cps
Vanadium	51-2	223	260	297	260	14.10	cps
Yttrium	89-1	15434003	15472981	15362937	15423307	0.36	cps
Yttrium	89-2	2267732	2277886	2258888	2268169	0.42	cps
Zinc	66-2	156282	155352	153558	155064	0.89	cps
Zirconium	90-1	2717	2517	2684	2639	4.06	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-22	Instrumnet Name :	P7
Client Sample ID :	DC32521-22-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:50:24	DataFile Name :	063SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	583	692	631	8.80	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-23	Instrumnet Name :	P7
Client Sample ID :	DC32521-23-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:53:52	DataFile Name :	064SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1559	2343	2409	2104	22.49	cps
Antimony	121-1	2684	2642	2567	2631	2.25	cps
Arsenic	75-2	193	202	187	194	3.86	cps
Barium	135-1	69944	70136	71392	70491	1.12	cps
Barium	137-1	122731	121865	121286	121960	0.60	cps
Beryllium	9-1	122	139	144	135	8.55	cps
Bismuth	209-1	13820431	13963733	13747129	13843764	0.80	cps
Bismuth	209-2	7797109	7822313	7835303	7818242	0.25	cps
Boron	10-1	2267	2275	2417	2320	3.63	cps
Boron	11-1	11555	12072	11363	11663	3.14	cps
Cadmium	111-1	4175	3891	3632	3900	6.96	cps
Cadmium	106-1	5952	5535	5201	5562	6.76	cps
Cadmium	108-1	29	29	42	33	21.65	cps
Calcium	43-1	284588	282730	283548	283622	0.33	cps
Calcium	44-1	4653409	4708334	4641670	4667805	0.76	cps
Chromium	52-2	1527	1757	1563	1616	7.65	cps
Cobalt	59-2	223	227	327	259	22.68	cps
Copper	63-2	552373	554154	550972	552500	0.29	cps
Dysprosium	156-1	117	83	58	86	33.98	cps
Dysprosium	156-2	80	57	73	70	17.17	cps
Erbium	164-1	175	133	192	167	18.03	cps
Erbium	164-2	73	97	103	91	17.29	cps
Gadolinium	160-1	258	258	267	261	1.84	cps
Gadolinium	160-2	83	83	147	104	35.01	cps
Holmium	165-1	19976867	19964698	20060748	20000771	0.26	cps
Holmium	165-2	9872789	9702284	9800371	9791815	0.87	cps
Indium	115-1	15857786	15792627	15795607	15815340	0.23	cps
Indium	115-2	3028356	3004946	3026005	3019769	0.43	cps
Iron	56-2	146823	140615	149080	145506	3.01	cps
Iron	57-2	3523	3589	3645	3586	1.71	cps
Lead	206-1	4167	4140	3873	4060	4.01	cps
Lead	207-1	3545	3545	3328	3473	3.60	cps
Lead	208-1	15776	15837	15304	15639	1.87	cps
Lithium	6-1	1850178	1865864	1842962	1853002	0.63	cps
Magnesium	24-2	521350	525232	521881	522821	0.40	cps
Manganese	55-2	38514	38765	39296	38858	1.03	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-23	Instrumnet Name :	P7
Client Sample ID :	DC32521-23-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:53:52	DataFile Name :	064SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1175	1250	1467	1297	11.68	cps
Molybdenum	95-1	650	917	975	847	20.45	cps
Molybdenum	96-1	775	925	983	895	12.02	cps
Molybdenum	97-1	417	442	608	489	21.31	cps
Molybdenum	98-1	1108	1092	1267	1156	8.36	cps
Neodymium	150-1	107	67	133	102	32.83	cps
Neodymium	150-2	50	30	33	38	28.37	cps
Nickel	60-2	753	913	763	810	11.07	cps
Phosphorus	31-2	6202	6060	5801	6021	3.37	cps
Potassium	39-2	260159	260745	257553	259486	0.65	cps
Rhodium	103-1	14629486	14626349	14177065	14477633	1.80	cps
Rhodium	103-2	6945017	6870630	6836655	6884101	0.81	cps
Scandium	45-1	9167598	9158678	9122818	9149698	0.26	cps
Scandium	45-2	436196	432273	434799	434422	0.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	94	87	117	99	15.51	cps
Selenium	82-1	-196	-3	103	-32	-478.38	cps
Silicon	28-1	6503941	6495626	6501531	6500366	0.07	cps
Silver	109-1	308	242	383	311	22.78	cps
Silver	107-1	467	500	475	481	3.61	cps
Sodium	23-2	6885045	6833949	6912833	6877276	0.58	cps
Strontium	86-1	117209	115881	117628	116906	0.78	cps
Strontium	88-1	973527	965548	964913	967996	0.50	cps
Sulfur	34-1	816967	813842	816677	815829	0.21	cps
Terbium	159-1	20949529	20723113	20733178	20801940	0.61	cps
Terbium	159-2	9808302	9758504	9812697	9793168	0.31	cps
Thallium	203-1	442	267	333	347	25.44	cps
Thallium	205-1	925	908	767	867	10.04	cps
Tin	118-1	900	1133	1075	1036	11.72	cps
Titanium	47-1	1483	1417	1550	1483	4.50	cps
Uranium	238-1	758	1008	817	861	15.19	cps
Vanadium	51-2	277	240	217	244	12.37	cps
Yttrium	89-1	15721495	15550146	15663534	15645058	0.56	cps
Yttrium	89-2	2311812	2284277	2295642	2297244	0.60	cps
Zinc	66-2	11411	11485	11702	11533	1.31	cps
Zirconium	90-1	2242	2150	2434	2275	6.36	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-23	Instrumnet Name :	P7
Client Sample ID :	DC32521-23-FL2-NO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:53:52	DataFile Name :	064SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	500	458	467	6.44	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-24	Instrumnet Name :	P7
Client Sample ID :	DC32521-24-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:57:21	DataFile Name :	065SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1851	1417	1292	1520	19.31	cps
Antimony	121-1	1892	1875	2225	1997	9.89	cps
Arsenic	75-2	130	187	161	159	18.05	cps
Barium	135-1	66635	65974	65036	65882	1.22	cps
Barium	137-1	118629	115056	116124	116603	1.57	cps
Beryllium	9-1	156	117	128	133	15.02	cps
Bismuth	209-1	13945035	13940060	13841573	13908889	0.42	cps
Bismuth	209-2	7837183	7765466	7708536	7770395	0.83	cps
Boron	10-1	2367	2125	2317	2270	5.62	cps
Boron	11-1	11438	11280	11888	11535	2.74	cps
Cadmium	111-1	4229	4138	3896	4088	4.21	cps
Cadmium	106-1	6018	5876	5543	5813	4.20	cps
Cadmium	108-1	25	54	25	35	48.50	cps
Calcium	43-1	291035	286041	283309	286795	1.37	cps
Calcium	44-1	4703003	4732434	4645044	4693494	0.95	cps
Chromium	52-2	1443	1487	1357	1429	4.63	cps
Cobalt	59-2	243	220	270	244	10.23	cps
Copper	63-2	1079513	1086930	1082292	1082912	0.35	cps
Dysprosium	156-1	83	125	67	92	32.78	cps
Dysprosium	156-2	67	40	53	53	25.00	cps
Erbium	164-1	133	175	200	169	19.88	cps
Erbium	164-2	63	53	53	57	10.19	cps
Gadolinium	160-1	200	233	208	214	8.11	cps
Gadolinium	160-2	127	73	123	108	27.72	cps
Holmium	165-1	20287208	20222454	20042330	20183997	0.63	cps
Holmium	165-2	9747473	9704805	9713915	9722064	0.23	cps
Indium	115-1	16048437	15941678	15797312	15929142	0.79	cps
Indium	115-2	3026119	2990953	3004454	3007175	0.59	cps
Iron	56-2	93264	95226	105394	97961	6.65	cps
Iron	57-2	2751	2573	2284	2536	9.31	cps
Lead	206-1	5757	5662	5735	5718	0.86	cps
Lead	207-1	12693	4984	4857	7511	59.75	cps
Lead	208-1	30578	22680	22703	25320	17.98	cps
Lithium	6-1	1851802	1847337	1837244	1845461	0.40	cps
Magnesium	24-2	515242	514885	520144	516757	0.57	cps
Manganese	55-2	29870	29670	29510	29683	0.61	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-24	Instrumnet Name :	P7
Client Sample ID :	DC32521-24-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:57:21	DataFile Name :	065SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1108	1075	1025	1070	3.92	cps
Molybdenum	95-1	675	775	900	783	14.39	cps
Molybdenum	96-1	833	942	1000	925	9.14	cps
Molybdenum	97-1	425	417	542	461	15.16	cps
Molybdenum	98-1	1117	1058	1158	1111	4.52	cps
Neodymium	150-1	120	67	153	113	38.57	cps
Neodymium	150-2	30	37	30	32	11.95	cps
Nickel	60-2	2037	1910	1933	1960	3.44	cps
Phosphorus	31-2	6277	6135	6460	6291	2.59	cps
Potassium	39-2	263559	261848	262936	262781	0.33	cps
Rhodium	103-1	14683869	14484860	14389874	14519534	1.03	cps
Rhodium	103-2	6856330	6829801	6852079	6846070	0.21	cps
Scandium	45-1	9274087	9287677	9074576	9212113	1.30	cps
Scandium	45-2	432448	430999	432011	431819	0.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	124	119	106	116	8.19	cps
Selenium	82-1	-170	-115	-2	-96	-89.31	cps
Silicon	28-1	6420144	6515651	6418772	6451522	0.86	cps
Silver	109-1	342	325	350	339	3.76	cps
Silver	107-1	367	350	450	389	13.78	cps
Sodium	23-2	6891182	6880218	6838232	6869877	0.41	cps
Strontium	86-1	120149	116855	114470	117158	2.43	cps
Strontium	88-1	969782	964085	951512	961793	0.97	cps
Sulfur	34-1	826911	828838	827582	827777	0.12	cps
Terbium	159-1	20876055	20800306	20869009	20848456	0.20	cps
Terbium	159-2	9707940	9792798	9735131	9745290	0.44	cps
Thallium	203-1	375	333	417	375	11.11	cps
Thallium	205-1	708	742	817	756	7.34	cps
Tin	118-1	3951	3659	3684	3765	4.29	cps
Titanium	47-1	1192	3052	1200	1815	59.05	cps
Uranium	238-1	608	592	592	597	1.61	cps
Vanadium	51-2	273	277	183	244	21.66	cps
Yttrium	89-1	15889751	15784553	15572935	15749080	1.02	cps
Yttrium	89-2	2293483	2288137	2288816	2290145	0.13	cps
Zinc	66-2	74914	76211	75504	75543	0.86	cps
Zirconium	90-1	2017	2484	2250	2250	10.37	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-24	Instrumnet Name :	P7
Client Sample ID :	DC32521-24-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 14:57:21	DataFile Name :	065SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	425	467	450	4.90	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-25	Instrumnet Name :	P7
Client Sample ID :	DC32521-25-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:00:49	DataFile Name :	066SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2585	2646	917	2049	47.88	cps
Antimony	121-1	1692	1917	1925	1845	7.18	cps
Arsenic	75-2	161	159	209	177	16.06	cps
Barium	135-1	68712	66777	68578	68023	1.59	cps
Barium	137-1	121328	118932	120975	120411	1.07	cps
Beryllium	9-1	94	122	106	107	13.02	cps
Bismuth	209-1	14051163	14035476	14032994	14039877	0.07	cps
Bismuth	209-2	7761181	7788731	7779104	7776339	0.18	cps
Boron	10-1	2159	2417	2217	2264	5.99	cps
Boron	11-1	11113	11780	11672	11522	3.11	cps
Cadmium	111-1	4066	4306	3837	4070	5.77	cps
Cadmium	106-1	5726	6093	5451	5757	5.59	cps
Cadmium	108-1	25	25	42	31	31.50	cps
Calcium	43-1	297131	292815	291682	293876	0.98	cps
Calcium	44-1	4819584	4798776	4766065	4794809	0.56	cps
Chromium	52-2	1543	1647	1613	1601	3.29	cps
Cobalt	59-2	240	287	243	257	10.14	cps
Copper	63-2	1300755	1292679	1303684	1299039	0.44	cps
Dysprosium	156-1	83	108	158	117	32.73	cps
Dysprosium	156-2	37	20	57	38	48.60	cps
Erbium	164-1	192	125	183	167	21.79	cps
Erbium	164-2	93	33	47	58	54.53	cps
Gadolinium	160-1	225	233	225	228	2.11	cps
Gadolinium	160-2	77	90	80	82	8.44	cps
Holmium	165-1	20308710	20157193	19989948	20151950	0.79	cps
Holmium	165-2	9789374	9810973	9823644	9807997	0.18	cps
Indium	115-1	16177021	16072189	16092063	16113757	0.35	cps
Indium	115-2	3013035	3006804	3030362	3016734	0.40	cps
Iron	56-2	95540	91147	98456	95048	3.87	cps
Iron	57-2	2345	2189	2317	2284	3.63	cps
Lead	206-1	9148	9231	8920	9100	1.77	cps
Lead	207-1	7541	7402	7591	7512	1.30	cps
Lead	208-1	35564	36226	35848	35879	0.93	cps
Lithium	6-1	1846755	1851797	1843432	1847328	0.23	cps
Magnesium	24-2	522405	520224	523794	522141	0.34	cps
Manganese	55-2	29055	28541	29754	29117	2.09	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-25	Instrumnet Name :	P7
Client Sample ID :	DC32521-25-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:00:49	DataFile Name :	066SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1275	1083	967	1108	14.05	cps
Molybdenum	95-1	500	567	767	611	22.71	cps
Molybdenum	96-1	883	750	892	842	9.45	cps
Molybdenum	97-1	358	492	467	439	16.15	cps
Molybdenum	98-1	892	792	1125	936	18.27	cps
Neodymium	150-1	80	87	93	87	7.70	cps
Neodymium	150-2	33	53	7	31	75.25	cps
Nickel	60-2	2330	2254	2237	2274	2.19	cps
Phosphorus	31-2	6143	5810	5985	5979	2.79	cps
Potassium	39-2	266412	264322	263741	264825	0.53	cps
Rhodium	103-1	14888199	14507408	14386116	14593907	1.80	cps
Rhodium	103-2	6891972	6863335	6854902	6870070	0.28	cps
Scandium	45-1	9341451	9254661	9260177	9285430	0.52	cps
Scandium	45-2	436705	435197	435386	435763	0.19	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	107	93	96	99	7.81	cps
Selenium	82-1	-70	-132	82	-40	-275.45	cps
Silicon	28-1	6519063	6633407	6456680	6536383	1.37	cps
Silver	109-1	492	500	425	472	8.70	cps
Silver	107-1	492	558	425	492	13.56	cps
Sodium	23-2	6910006	6855369	6816063	6860479	0.69	cps
Strontium	86-1	120081	118066	118040	118729	0.99	cps
Strontium	88-1	986600	982010	976137	981582	0.53	cps
Sulfur	34-1	825591	822067	822878	823512	0.22	cps
Terbium	159-1	21085538	20825659	20912315	20941171	0.63	cps
Terbium	159-2	9770523	9698595	9756994	9742038	0.39	cps
Thallium	203-1	292	325	325	314	6.13	cps
Thallium	205-1	742	758	750	750	1.11	cps
Tin	118-1	5843	5476	5635	5651	3.26	cps
Titanium	47-1	1167	1358	1317	1281	7.87	cps
Uranium	238-1	592	633	717	647	9.83	cps
Vanadium	51-2	283	257	227	256	11.09	cps
Yttrium	89-1	15964816	15806051	15968101	15912989	0.58	cps
Yttrium	89-2	2303699	2294887	2311982	2303523	0.37	cps
Zinc	66-2	61131	60522	61091	60914	0.56	cps
Zirconium	90-1	2067	1767	1925	1920	7.82	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3000-25	Instrumnet Name :	P7
Client Sample ID :	DC32521-25-FL2-H-W1-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:00:49	DataFile Name :	066SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	400	358	397	9.46	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BL	Instrumnet Name :	P7
Client Sample ID :	PB98744BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:04:17	DataFile Name :	067SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	58	83	53	63.81	cps
Antimony	121-1	1117	1217	1533	1289	16.88	cps
Arsenic	75-2	24	37	20	27	32.23	cps
Barium	135-1	25	33	50	36	35.25	cps
Barium	137-1	92	125	125	114	16.90	cps
Beryllium	9-1	94	133	128	119	17.75	cps
Bismuth	209-1	13154661	13161540	13042636	13119612	0.51	cps
Bismuth	209-2	7427424	7367763	7403657	7399615	0.41	cps
Boron	10-1	475	592	592	553	12.19	cps
Boron	11-1	3159	3075	3025	3087	2.18	cps
Cadmium	111-1	3911	4138	3853	3967	3.80	cps
Cadmium	106-1	5593	5885	5510	5662	3.48	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	267	258	283	269	4.72	cps
Calcium	44-1	13448	13090	12981	13173	1.86	cps
Chromium	52-2	1260	1280	1343	1295	3.36	cps
Cobalt	59-2	123	83	117	108	19.88	cps
Copper	63-2	6448	6338	6462	6416	1.06	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	92	92	58	81	23.89	cps
Erbium	164-2	33	20	27	27	24.99	cps
Gadolinium	160-1	183	117	83	128	39.85	cps
Gadolinium	160-2	33	63	47	48	31.46	cps
Holmium	165-1	18885525	18946643	18981441	18937869	0.26	cps
Holmium	165-2	9245531	9316536	9260089	9274052	0.40	cps
Indium	115-1	15079623	15068082	14937343	15028349	0.53	cps
Indium	115-2	2864010	2867731	2870772	2867504	0.12	cps
Iron	56-2	6240	6179	6101	6174	1.13	cps
Iron	57-2	133	111	111	119	10.82	cps
Lead	206-1	1739	1728	2061	1843	10.28	cps
Lead	207-1	1672	1650	1683	1669	1.02	cps
Lead	208-1	7473	7440	7873	7596	3.18	cps
Lithium	6-1	1747595	1738701	1722717	1736337	0.73	cps
Magnesium	24-2	275	250	200	242	15.80	cps
Manganese	55-2	77	120	57	84	38.34	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BL	Instrumnet Name :	P7
Client Sample ID :	PB98744BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:04:17	DataFile Name :	067SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	442	500	428	18.72	cps
Molybdenum	95-1	217	242	350	269	26.30	cps
Molybdenum	96-1	325	350	517	397	26.23	cps
Molybdenum	97-1	192	267	300	253	21.95	cps
Molybdenum	98-1	367	433	600	467	25.75	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	303	280	260	281	7.71	cps
Phosphorus	31-2	317	192	308	272	25.67	cps
Potassium	39-2	48380	49392	51047	49606	2.71	cps
Rhodium	103-1	13795890	13881134	13842498	13839841	0.31	cps
Rhodium	103-2	6583657	6533000	6631436	6582698	0.75	cps
Scandium	45-1	8710206	8677519	8735913	8707879	0.34	cps
Scandium	45-2	411661	415576	414809	414015	0.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	106	83	120	103	18.09	cps
Selenium	82-1	-335	-26	-118	-159	-99.60	cps
Silicon	28-1	434906	438604	433692	435734	0.59	cps
Silver	109-1	167	167	150	161	5.97	cps
Silver	107-1	217	317	208	247	24.39	cps
Sodium	23-2	33054	33163	32119	32778	1.75	cps
Strontium	86-1	5476	5876	5393	5582	4.63	cps
Strontium	88-1	592	592	533	572	5.89	cps
Sulfur	34-1	730504	730144	731121	730589	0.07	cps
Terbium	159-1	19595343	19565918	19418869	19526710	0.48	cps
Terbium	159-2	9259101	9183765	9306979	9249948	0.67	cps
Thallium	203-1	392	317	392	367	11.81	cps
Thallium	205-1	792	892	775	820	7.70	cps
Tin	118-1	958	883	992	945	5.88	cps
Titanium	47-1	167	292	150	203	38.19	cps
Uranium	238-1	83	125	58	89	37.89	cps
Vanadium	51-2	30	20	20	23	24.74	cps
Yttrium	89-1	14700553	14836046	14803716	14780105	0.48	cps
Yttrium	89-2	2193209	2183450	2194587	2190416	0.28	cps
Zinc	66-2	140	130	123	131	6.40	cps
Zirconium	90-1	925	917	992	945	4.35	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BL	Instrumnet Name :	P7
Client Sample ID :	PB98744BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:04:17	DataFile Name :	067SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	300	233	233	28.57	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BS	Instrumnet Name :	P7
Client Sample ID :	PB98744BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:07:45	DataFile Name :	068SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1208	1167	1275	1217	4.49	cps
Antimony	121-1	925	975	1150	1017	11.62	cps
Arsenic	75-2	13	22	17	17	26.96	cps
Barium	135-1	75	50	100	75	33.34	cps
Barium	137-1	108	117	208	144	38.42	cps
Beryllium	9-1	83	117	111	104	17.22	cps
Bismuth	209-1	13128359	13052292	13230310	13136987	0.68	cps
Bismuth	209-2	7477967	7417713	7427888	7441190	0.43	cps
Boron	10-1	533	433	433	467	12.37	cps
Boron	11-1	2550	2734	2567	2617	3.87	cps
Cadmium	111-1	3814	3743	3895	3817	2.00	cps
Cadmium	106-1	5476	5351	5560	5462	1.92	cps
Cadmium	108-1	33	17	25	25	33.32	cps
Calcium	43-1	417	417	425	419	1.15	cps
Calcium	44-1	14933	14474	15008	14805	1.95	cps
Chromium	52-2	1557	1687	1697	1647	4.74	cps
Cobalt	59-2	203	123	147	158	26.07	cps
Copper	63-2	6698	6495	6432	6542	2.13	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	20	3	9	108.30	cps
Erbium	164-1	58	25	8	31	83.33	cps
Erbium	164-2	27	10	30	22	48.22	cps
Gadolinium	160-1	100	100	83	94	10.19	cps
Gadolinium	160-2	50	40	63	51	22.90	cps
Holmium	165-1	19153143	18851944	18885818	18963635	0.87	cps
Holmium	165-2	9307957	9343053	9261559	9304190	0.44	cps
Indium	115-1	15027254	15021990	15074535	15041260	0.19	cps
Indium	115-2	2902043	2885028	2864727	2883932	0.65	cps
Iron	56-2	16448	16209	15258	15972	3.94	cps
Iron	57-2	356	339	339	344	2.79	cps
Lead	206-1	6941968	6678829	6684301	6768366	2.22	cps
Lead	207-1	6013986	6023146	6016207	6017780	0.08	cps
Lead	208-1	27864446	27578979	27567742	27670389	0.61	cps
Lithium	6-1	1742379	1759018	1745730	1749042	0.50	cps
Magnesium	24-2	367	208	383	319	30.24	cps
Manganese	55-2	203	217	203	208	3.70	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BS	Instrumnet Name :	P7
Client Sample ID :	PB98744BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:07:45	DataFile Name :	068SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	542	458	497	8.43	cps
Molybdenum	95-1	292	400	383	358	16.28	cps
Molybdenum	96-1	508	575	567	550	6.61	cps
Molybdenum	97-1	233	192	333	253	28.80	cps
Molybdenum	98-1	450	583	658	564	18.71	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	317	287	330	311	7.14	cps
Phosphorus	31-2	217	275	267	253	12.48	cps
Potassium	39-2	49057	49467	48230	48918	1.29	cps
Rhodium	103-1	14021102	13636708	13721413	13793074	1.46	cps
Rhodium	103-2	6621534	6519423	6584707	6575221	0.79	cps
Scandium	45-1	8845773	8672125	8668286	8728728	1.16	cps
Scandium	45-2	413952	416447	413510	414636	0.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	85	83	104	91	12.42	cps
Selenium	82-1	-19	35	-114	-33	-230.09	cps
Silicon	28-1	428942	434311	431908	431721	0.62	cps
Silver	109-1	167	167	217	183	15.74	cps
Silver	107-1	308	267	242	272	12.37	cps
Sodium	23-2	36086	35844	35251	35727	1.20	cps
Strontium	86-1	6435	5685	5751	5957	6.97	cps
Strontium	88-1	850	1100	883	945	14.37	cps
Sulfur	34-1	738114	730104	735718	734645	0.56	cps
Terbium	159-1	20040728	19535838	19799146	19791904	1.28	cps
Terbium	159-2	9412990	9324137	9294360	9343829	0.66	cps
Thallium	203-1	475	342	342	386	19.94	cps
Thallium	205-1	925	1050	933	970	7.21	cps
Tin	118-1	1617	1392	1634	1547	8.72	cps
Titanium	47-1	175	158	225	186	18.64	cps
Uranium	238-1	183	125	133	147	21.43	cps
Vanadium	51-2	23	33	23	27	21.65	cps
Yttrium	89-1	14691148	14777747	14909357	14792751	0.74	cps
Yttrium	89-2	2199375	2192333	2180011	2190573	0.45	cps
Zinc	66-2	800	890	843	844	5.33	cps
Zirconium	90-1	925	817	950	897	7.90	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98744BS	Instrumnet Name :	P7
Client Sample ID :	PB98744BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:07:45	DataFile Name :	068SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	258	217	214	21.46	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-01	Instrumnet Name :	P7
Client Sample ID :	DC32463-01-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:11:13	DataFile Name :	069SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1592	1383	1775	1584	12.38	cps
Antimony	121-1	1884	1617	1917	1806	9.11	cps
Arsenic	75-2	165	148	150	154	5.92	cps
Barium	135-1	69909	69013	69097	69340	0.71	cps
Barium	137-1	122174	121966	120040	121393	0.97	cps
Beryllium	9-1	61	106	94	87	26.58	cps
Bismuth	209-1	13761305	13748824	13676307	13728812	0.33	cps
Bismuth	209-2	7612384	7742220	7558174	7637593	1.24	cps
Boron	10-1	2134	2192	1975	2100	5.34	cps
Boron	11-1	10287	10212	10262	10254	0.37	cps
Cadmium	111-1	4303	4068	3925	4099	4.66	cps
Cadmium	106-1	6143	5793	5585	5840	4.83	cps
Cadmium	108-1	38	29	25	31	20.83	cps
Calcium	43-1	283842	285316	282025	283728	0.58	cps
Calcium	44-1	4695736	4687668	4674115	4685839	0.23	cps
Chromium	52-2	1503	1583	1340	1476	8.41	cps
Cobalt	59-2	360	293	327	327	10.20	cps
Copper	63-2	1834927	1831935	1843866	1836909	0.34	cps
Dysprosium	156-1	58	75	75	69	13.85	cps
Dysprosium	156-2	50	33	33	39	24.75	cps
Erbium	164-1	175	133	125	144	18.54	cps
Erbium	164-2	43	37	63	48	29.04	cps
Gadolinium	160-1	217	192	267	225	16.97	cps
Gadolinium	160-2	73	63	133	90	42.07	cps
Holmium	165-1	20002253	19823301	19909512	19911689	0.45	cps
Holmium	165-2	9607316	9700012	9517966	9608432	0.95	cps
Indium	115-1	15776870	15669101	15770342	15738771	0.38	cps
Indium	115-2	2990034	2959871	2965138	2971681	0.54	cps
Iron	56-2	74223	73089	79552	75622	4.56	cps
Iron	57-2	2278	2061	2078	2139	5.64	cps
Lead	206-1	3239	3078	3228	3182	2.83	cps
Lead	207-1	2689	2761	2617	2689	2.69	cps
Lead	208-1	12469	12653	12453	12525	0.89	cps
Lithium	6-1	1875319	1855360	1849133	1859937	0.74	cps
Magnesium	24-2	536217	535747	531070	534345	0.53	cps
Manganese	55-2	21476	21533	21730	21579	0.62	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-01	Instrumnet Name :	P7
Client Sample ID :	DC32463-01-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:11:13	DataFile Name :	069SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	842	825	867	845	2.48	cps
Molybdenum	95-1	483	458	433	458	5.46	cps
Molybdenum	96-1	658	733	900	764	16.19	cps
Molybdenum	97-1	350	392	292	344	14.58	cps
Molybdenum	98-1	675	783	808	756	9.38	cps
Neodymium	150-1	80	93	67	80	16.67	cps
Neodymium	150-2	23	27	30	27	12.51	cps
Nickel	60-2	48594	48845	48139	48526	0.74	cps
Phosphorus	31-2	5493	5768	5410	5557	3.38	cps
Potassium	39-2	263846	264184	268004	265345	0.87	cps
Rhodium	103-1	14452725	14438594	14435333	14442217	0.06	cps
Rhodium	103-2	6846631	6769486	6771529	6795882	0.65	cps
Scandium	45-1	9173501	9166447	9119759	9153236	0.32	cps
Scandium	45-2	430027	429428	431253	430236	0.22	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	107	104	96	102	5.52	cps
Selenium	82-1	-144	127	-24	-14	-973.27	cps
Silicon	28-1	6760505	6810392	6721858	6764252	0.66	cps
Silver	109-1	217	217	267	233	12.37	cps
Silver	107-1	317	175	283	258	28.67	cps
Sodium	23-2	6825972	6827861	6768549	6807461	0.50	cps
Strontium	86-1	116100	113227	115000	114775	1.26	cps
Strontium	88-1	950999	940636	935899	942511	0.82	cps
Sulfur	34-1	842234	836167	834257	837552	0.50	cps
Terbium	159-1	20837986	20843601	20667248	20782945	0.48	cps
Terbium	159-2	9660106	9670505	9507004	9612539	0.95	cps
Thallium	203-1	408	242	250	300	31.31	cps
Thallium	205-1	783	625	692	700	11.36	cps
Tin	118-1	1692	1700	1567	1653	4.52	cps
Titanium	47-1	1142	1192	1150	1161	2.31	cps
Uranium	238-1	500	408	425	444	10.99	cps
Vanadium	51-2	177	177	233	196	16.73	cps
Yttrium	89-1	15767806	15587332	15491174	15615437	0.90	cps
Yttrium	89-2	2270349	2269337	2266335	2268673	0.09	cps
Zinc	66-2	186406	185991	186926	186441	0.25	cps
Zirconium	90-1	1984	2034	1859	1959	4.60	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-01	Instrumnet Name :	P7
Client Sample ID :	DC32463-01-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:11:13	DataFile Name :	069SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	358	325	358	9.30	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-02	Instrumnet Name :	P7
Client Sample ID :	DC32463-02-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:14:41	DataFile Name :	070SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2067	2251	2000	2106	6.17	cps
Antimony	121-1	1900	1659	1867	1809	7.24	cps
Arsenic	75-2	167	257	150	191	30.21	cps
Barium	135-1	78379	77591	76703	77558	1.08	cps
Barium	137-1	134682	134537	134201	134473	0.18	cps
Beryllium	9-1	39	144	50	78	74.58	cps
Bismuth	209-1	13648715	13666221	13879152	13731363	0.93	cps
Bismuth	209-2	7650794	7637377	7590826	7626332	0.41	cps
Boron	10-1	2100	2142	1942	2061	5.12	cps
Boron	11-1	10763	10471	10446	10560	1.67	cps
Cadmium	111-1	4062	4001	3942	4001	1.50	cps
Cadmium	106-1	5760	5718	5626	5701	1.20	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	287136	285004	279494	283878	1.39	cps
Calcium	44-1	4706259	4705315	4636189	4682587	0.86	cps
Chromium	52-2	1500	1400	1383	1428	4.42	cps
Cobalt	59-2	230	200	220	217	7.05	cps
Copper	63-2	1432198	1424564	1437188	1431317	0.44	cps
Dysprosium	156-1	133	217	100	150	40.07	cps
Dysprosium	156-2	33	53	57	48	26.42	cps
Erbium	164-1	142	167	158	156	8.18	cps
Erbium	164-2	67	77	67	70	8.25	cps
Gadolinium	160-1	183	225	200	203	10.34	cps
Gadolinium	160-2	93	73	57	74	24.66	cps
Holmium	165-1	19993495	19780578	19875412	19883162	0.54	cps
Holmium	165-2	9595414	9529631	9575985	9567010	0.35	cps
Indium	115-1	15884080	15780934	15753557	15806190	0.44	cps
Indium	115-2	2950820	2936029	2974992	2953947	0.67	cps
Iron	56-2	124910	104160	99803	109624	12.24	cps
Iron	57-2	2489	2434	2700	2541	5.54	cps
Lead	206-1	2939	3128	3173	3080	4.02	cps
Lead	207-1	2617	2800	2695	2704	3.40	cps
Lead	208-1	12208	12642	12536	12462	1.81	cps
Lithium	6-1	1855142	1851094	1850697	1852311	0.13	cps
Magnesium	24-2	534774	531768	531855	532799	0.32	cps
Manganese	55-2	32018	31945	31394	31786	1.07	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-02	Instrumnet Name :	P7
Client Sample ID :	DC32463-02-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:14:41	DataFile Name :	070SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1042	1258	1100	1133	9.89	cps
Molybdenum	95-1	525	458	608	531	14.17	cps
Molybdenum	96-1	675	675	717	689	3.49	cps
Molybdenum	97-1	317	250	342	303	15.65	cps
Molybdenum	98-1	767	808	875	817	6.69	cps
Neodymium	150-1	107	120	67	98	28.39	cps
Neodymium	150-2	33	50	50	44	21.66	cps
Nickel	60-2	2240	2247	2367	2285	3.12	cps
Phosphorus	31-2	5610	5735	5676	5674	1.10	cps
Potassium	39-2	267152	264258	265146	265519	0.56	cps
Rhodium	103-1	14478462	14452922	14133718	14355034	1.34	cps
Rhodium	103-2	6791535	6715461	6748374	6751790	0.57	cps
Scandium	45-1	9243940	9142039	9052995	9146325	1.04	cps
Scandium	45-2	429276	426366	425583	427075	0.46	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	119	111	113	114	3.38	cps
Selenium	82-1	39	-50	-87	-33	-199.01	cps
Silicon	28-1	6694162	6630341	6714461	6679655	0.66	cps
Silver	109-1	200	158	200	186	12.93	cps
Silver	107-1	167	300	292	253	29.55	cps
Sodium	23-2	6815293	6773903	6774267	6787821	0.35	cps
Strontium	86-1	116595	114042	113898	114845	1.32	cps
Strontium	88-1	963061	953640	947901	954867	0.80	cps
Sulfur	34-1	846303	840200	842526	843010	0.37	cps
Terbium	159-1	20859167	20594828	20309440	20587812	1.34	cps
Terbium	159-2	9694422	9597545	9644502	9645489	0.50	cps
Thallium	203-1	283	275	300	286	4.45	cps
Thallium	205-1	625	708	708	681	7.07	cps
Tin	118-1	1158	1408	1325	1297	9.81	cps
Titanium	47-1	1225	1125	1275	1208	6.32	cps
Uranium	238-1	750	567	683	667	13.92	cps
Vanadium	51-2	177	213	203	198	9.58	cps
Yttrium	89-1	15635484	15609620	15399111	15548071	0.83	cps
Yttrium	89-2	2259443	2231717	2256663	2249274	0.68	cps
Zinc	66-2	20915	20962	20969	20949	0.14	cps
Zirconium	90-1	2459	2367	2417	2414	1.90	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-02	Instrumnet Name :	P7
Client Sample ID :	DC32463-02-BS-KI-W3-F	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:14:41	DataFile Name :	070SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	583	517	556	6.24	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:18:10	DataFile Name :	071CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1412176	1410049	1416974	1413066	0.25	cps
Antimony	121-1	7979370	7845445	7870367	7898394	0.90	cps
Arsenic	75-2	278526	279954	280279	279586	0.33	cps
Barium	135-1	9310852	9428975	9307359	9349062	0.74	cps
Barium	137-1	16252646	16198276	16247793	16232905	0.19	cps
Beryllium	9-1	1242546	1244913	1245949	1244469	0.14	cps
Bismuth	209-1	12529945	12618911	12432441	12527099	0.74	cps
Bismuth	209-2	7164154	7189493	7190636	7181428	0.21	cps
Boron	10-1	169708	171333	171022	170688	0.51	cps
Boron	11-1	844869	867777	862612	858419	1.40	cps
Cadmium	111-1	1962255	1967374	1961508	1963712	0.16	cps
Cadmium	106-1	222681	222589	223063	222778	0.11	cps
Cadmium	108-1	144811	147074	146523	146136	0.81	cps
Calcium	43-1	2079245	2092459	2110355	2094019	0.75	cps
Calcium	44-1	34031152	34030296	34029193	34030214	0.00	cps
Chromium	52-2	2384865	2392946	2399830	2392547	0.31	cps
Cobalt	59-2	3883291	3910788	3910785	3901621	0.41	cps
Copper	63-2	5322322	5353656	5376650	5350876	0.51	cps
Dysprosium	156-1	175	150	175	167	8.66	cps
Dysprosium	156-2	50	37	70	52	32.12	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	47	53	40	47	14.28	cps
Gadolinium	160-1	192	133	192	172	19.56	cps
Gadolinium	160-2	47	60	77	61	24.60	cps
Holmium	165-1	18501435	18599388	18948905	18683243	1.26	cps
Holmium	165-2	9246650	9298214	9254291	9266385	0.30	cps
Indium	115-1	14292562	14281836	14344147	14306182	0.23	cps
Indium	115-2	2799313	2806519	2804862	2803565	0.13	cps
Iron	56-2	103569941	103255313	103199722	103341659	0.19	cps
Iron	57-2	2509951	2508934	2517627	2512171	0.19	cps
Lead	206-1	6317170	6299039	6277806	6298005	0.31	cps
Lead	207-1	5735085	5737884	5701884	5724951	0.35	cps
Lead	208-1	26129085	26189796	25927926	26082269	0.53	cps
Lithium	6-1	1728773	1733935	1720954	1727887	0.38	cps
Magnesium	24-2	17213065	17226711	17108610	17182796	0.38	cps
Manganese	55-2	2709781	2714991	2725817	2716863	0.30	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:18:10	DataFile Name :	071CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6888093	6868744	6874170	6877002	0.15	cps
Molybdenum	95-1	3637567	3635883	3622692	3632047	0.22	cps
Molybdenum	96-1	4687953	4696729	4676606	4687096	0.22	cps
Molybdenum	97-1	2277018	2273129	2259548	2269898	0.40	cps
Molybdenum	98-1	6041758	5998264	5989264	6009762	0.47	cps
Neodymium	150-1	687	707	693	696	1.46	cps
Neodymium	150-2	53	43	67	54	21.51	cps
Nickel	60-2	1026208	1037334	1032241	1031928	0.54	cps
Phosphorus	31-2	79713	81455	79697	80288	1.26	cps
Potassium	39-2	8559967	8575147	8580554	8571889	0.12	cps
Rhodium	103-1	12903926	12900882	12922261	12909023	0.09	cps
Rhodium	103-2	6302045	6323353	6294428	6306609	0.24	cps
Scandium	45-1	8450573	8481090	8540052	8490572	0.54	cps
Scandium	45-2	409828	412504	414819	412384	0.61	cps
Selenium	77-2	5791	5695	5648	5711	1.28	cps
Selenium	78-2	19016	19311	19830	19386	2.13	cps
Selenium	82-1	120560	119682	119262	119835	0.55	cps
Silicon	28-1	4721114	4750645	4774651	4748804	0.56	cps
Silver	109-1	9345926	9440753	9410767	9399148	0.52	cps
Silver	107-1	9739992	9659690	9684290	9694657	0.42	cps
Sodium	23-2	34166723	34328907	34072501	34189377	0.38	cps
Strontium	86-1	2381665	2402138	2401809	2395204	0.49	cps
Strontium	88-1	21024500	21084084	20934005	21014196	0.36	cps
Sulfur	34-1	1403494	1403211	1394240	1400315	0.38	cps
Terbium	159-1	19548509	19409426	19182290	19380075	0.95	cps
Terbium	159-2	9221755	9340052	9345879	9302562	0.75	cps
Thallium	203-1	8011305	8136781	8166827	8104971	1.02	cps
Thallium	205-1	19155625	19255756	19112536	19174639	0.38	cps
Tin	118-1	6459467	6447249	6503906	6470207	0.46	cps
Titanium	47-1	1023071	1017907	1021426	1020801	0.26	cps
Uranium	238-1	27034567	26852325	26724255	26870383	0.58	cps
Vanadium	51-2	1952443	1958065	1962196	1957568	0.25	cps
Yttrium	89-1	14460422	14547301	14623021	14543581	0.56	cps
Yttrium	89-2	2172706	2180729	2191516	2181651	0.43	cps
Zinc	66-2	780727	787761	789544	786011	0.59	cps
Zirconium	90-1	12917966	12961841	12998959	12959589	0.31	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:18:10	DataFile Name :	071CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2847074	2841079	2856613	2848256	0.28	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:21:33	DataFile Name :	072CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	117	58	92	32.77	cps
Antimony	121-1	24589	28204	32288	28360	13.58	cps
Arsenic	75-2	298	326	298	307	5.22	cps
Barium	135-1	392	383	242	339	24.88	cps
Barium	137-1	667	517	467	550	18.92	cps
Beryllium	9-1	244	194	244	228	12.67	cps
Bismuth	209-1	13290075	13071800	13281881	13214585	0.94	cps
Bismuth	209-2	7372004	7375058	7381092	7376051	0.06	cps
Boron	10-1	3917	3326	3092	3445	12.35	cps
Boron	11-1	19163	17461	17077	17900	6.20	cps
Cadmium	111-1	3816	3773	3608	3732	2.94	cps
Cadmium	106-1	5360	5301	5118	5260	2.40	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	350	450	350	383	15.06	cps
Calcium	44-1	13090	13040	12439	12856	2.82	cps
Chromium	52-2	1520	1343	1353	1406	7.06	cps
Cobalt	59-2	177	180	187	181	2.81	cps
Copper	63-2	6448	6578	6188	6405	3.10	cps
Dysprosium	156-1	42	42	8	31	62.99	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	42	100	92	78	40.56	cps
Erbium	164-2	27	23	13	21	32.88	cps
Gadolinium	160-1	158	117	117	131	18.43	cps
Gadolinium	160-2	30	30	30	30	0.00	cps
Holmium	165-1	18926615	18781572	18870980	18859722	0.39	cps
Holmium	165-2	9294823	9279869	9170589	9248427	0.73	cps
Indium	115-1	14886937	14895460	15146839	14976412	0.99	cps
Indium	115-2	2853593	2837911	2828831	2840112	0.44	cps
Iron	56-2	12222	12083	11833	12046	1.64	cps
Iron	57-2	322	272	250	281	13.14	cps
Lead	206-1	2850	2611	2723	2728	4.38	cps
Lead	207-1	2384	2150	2072	2202	7.35	cps
Lead	208-1	10891	10135	10302	10443	3.80	cps
Lithium	6-1	1763139	1760765	1782174	1768693	0.66	cps
Magnesium	24-2	517	350	408	425	19.90	cps
Manganese	55-2	130	153	110	131	16.54	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:21:33	DataFile Name :	072CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3217	3659	4851	3909	21.62	cps
Molybdenum	95-1	3867	4776	6477	5040	26.28	cps
Molybdenum	96-1	4309	5835	7427	5857	26.62	cps
Molybdenum	97-1	2634	3276	4051	3320	21.37	cps
Molybdenum	98-1	6302	8086	10846	8411	27.22	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	307	333	301	11.73	cps
Phosphorus	31-2	158	233	200	197	19.05	cps
Potassium	39-2	48631	48598	48631	48620	0.04	cps
Rhodium	103-1	13749852	13707385	13876268	13777835	0.64	cps
Rhodium	103-2	6604589	6479407	6519677	6534558	0.98	cps
Scandium	45-1	8606997	8586905	8746880	8646928	1.01	cps
Scandium	45-2	409490	405818	404278	406529	0.66	cps
Selenium	77-2	7	7	17	10	57.72	cps
Selenium	78-2	141	137	133	137	2.70	cps
Selenium	82-1	-104	189	-113	-9	-1886.30	cps
Silicon	28-1	449977	440618	439145	443247	1.33	cps
Silver	109-1	492	567	492	517	8.38	cps
Silver	107-1	817	783	517	706	23.31	cps
Sodium	23-2	35443	36078	35100	35540	1.40	cps
Strontium	86-1	5735	5626	5301	5554	4.06	cps
Strontium	88-1	942	950	875	922	4.46	cps
Sulfur	34-1	695725	690231	706216	697391	1.16	cps
Terbium	159-1	19632469	19601191	20171700	19801786	1.62	cps
Terbium	159-2	9285659	9379995	9265904	9310519	0.65	cps
Thallium	203-1	2050	1684	1800	1845	10.16	cps
Thallium	205-1	4859	4251	4259	4457	7.83	cps
Tin	118-1	4026	4643	5410	4693	14.77	cps
Titanium	47-1	217	133	267	206	32.77	cps
Uranium	238-1	1250	983	1033	1089	13.02	cps
Vanadium	51-2	63	83	83	77	15.07	cps
Yttrium	89-1	14732583	14655331	15011094	14799669	1.26	cps
Yttrium	89-2	2171050	2157043	2151358	2159817	0.47	cps
Zinc	66-2	170	190	143	168	13.95	cps
Zirconium	90-1	2484	2600	2650	2578	3.32	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:21:33	DataFile Name :	072CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	558	458	481	14.44	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-03	Instrumnet Name :	P7
Client Sample ID :	DC32463-03-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:25:03	DataFile Name :	073SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7869	8244	8153	8089	2.42	cps
Antimony	121-1	9887	10154	11297	10446	7.17	cps
Arsenic	75-2	261	250	244	252	3.37	cps
Barium	135-1	66914	65647	65104	65888	1.41	cps
Barium	137-1	116487	114183	113209	114626	1.47	cps
Beryllium	9-1	144	117	122	128	11.50	cps
Bismuth	209-1	13999420	13773344	13763061	13845275	0.96	cps
Bismuth	209-2	7786766	7738484	7692380	7739210	0.61	cps
Boron	10-1	2950	3125	2967	3014	3.21	cps
Boron	11-1	16560	15992	16576	16376	2.03	cps
Cadmium	111-1	4142	4225	4140	4169	1.16	cps
Cadmium	106-1	5843	5985	5868	5899	1.28	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	284538	286211	283467	284739	0.49	cps
Calcium	44-1	4697761	4723752	4644103	4688539	0.87	cps
Chromium	52-2	1497	1693	1914	1701	12.27	cps
Cobalt	59-2	357	393	357	369	5.74	cps
Copper	63-2	1609334	1600804	1597953	1602697	0.37	cps
Dysprosium	156-1	42	175	125	114	59.14	cps
Dysprosium	156-2	57	63	43	54	18.71	cps
Erbium	164-1	183	125	92	133	34.80	cps
Erbium	164-2	40	57	57	51	18.83	cps
Gadolinium	160-1	208	275	233	239	14.10	cps
Gadolinium	160-2	80	107	93	93	14.29	cps
Holmium	165-1	20179911	20103167	19866722	20049933	0.81	cps
Holmium	165-2	9686313	9721951	9720866	9709710	0.21	cps
Indium	115-1	15899477	15812603	15664988	15792356	0.75	cps
Indium	115-2	3004443	2978536	2989574	2990851	0.43	cps
Iron	56-2	122490	99483	98671	106881	12.65	cps
Iron	57-2	2689	2606	2606	2634	1.83	cps
Lead	206-1	3473	3417	3695	3528	4.17	cps
Lead	207-1	2906	3439	3312	3219	8.65	cps
Lead	208-1	13820	14059	14715	14198	3.26	cps
Lithium	6-1	1874770	1847324	1838030	1853375	1.03	cps
Magnesium	24-2	529929	533407	526786	530041	0.62	cps
Manganese	55-2	31117	30699	30983	30933	0.69	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-03	Instrumnet Name :	P7
Client Sample ID :	DC32463-03-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:25:03	DataFile Name :	073SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3042	3084	3334	3153	5.00	cps
Molybdenum	95-1	1358	1675	2350	1795	28.23	cps
Molybdenum	96-1	2059	2142	2692	2298	14.98	cps
Molybdenum	97-1	900	975	1492	1122	28.71	cps
Molybdenum	98-1	1867	2975	3742	2862	32.95	cps
Neodymium	150-1	87	127	87	100	23.09	cps
Neodymium	150-2	40	40	27	36	21.64	cps
Nickel	60-2	11955	11701	11995	11884	1.34	cps
Phosphorus	31-2	5226	5368	4759	5118	6.22	cps
Potassium	39-2	254901	254440	256268	255203	0.37	cps
Rhodium	103-1	14345720	14398964	14510078	14418254	0.58	cps
Rhodium	103-2	6816476	6810218	6783935	6803543	0.25	cps
Scandium	45-1	9241367	9150038	9097299	9162901	0.80	cps
Scandium	45-2	430444	428918	429051	429471	0.20	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	139	117	117	124	10.34	cps
Selenium	82-1	-234	-94	-48	-125	-77.33	cps
Silicon	28-1	6890342	6412920	6423377	6575546	4.15	cps
Silver	109-1	400	350	325	358	10.66	cps
Silver	107-1	367	375	425	389	8.11	cps
Sodium	23-2	6850372	6787415	6757052	6798280	0.70	cps
Strontium	86-1	115318	111135	112286	112913	1.91	cps
Strontium	88-1	939650	927543	927128	931440	0.76	cps
Sulfur	34-1	803683	816219	811816	810573	0.78	cps
Terbium	159-1	20837121	20760805	20549680	20715869	0.72	cps
Terbium	159-2	9800056	9680449	9700038	9726848	0.66	cps
Thallium	203-1	792	683	592	689	14.53	cps
Thallium	205-1	1942	1759	1717	1806	6.63	cps
Tin	118-1	2900	3127	3109	3045	4.13	cps
Titanium	47-1	1283	1175	1409	1289	9.06	cps
Uranium	238-1	675	658	550	628	10.81	cps
Vanadium	51-2	233	220	250	234	6.41	cps
Yttrium	89-1	15843372	15632477	15573292	15683047	0.91	cps
Yttrium	89-2	2277078	2266709	2271202	2271663	0.23	cps
Zinc	66-2	58420	58778	57767	58321	0.88	cps
Zirconium	90-1	6118	6001	6585	6235	4.95	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-03	Instrumnet Name :	P7
Client Sample ID :	DC32463-03-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:25:03	DataFile Name :	073SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1292	1242	1325	1286	3.26	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-04	Instrumnet Name :	P7
Client Sample ID :	DC32463-04-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:28:31	DataFile Name :	074SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27835	29038	29147	28673	2.54	cps
Antimony	121-1	4217	4276	4501	4331	3.46	cps
Arsenic	75-2	219	196	246	220	11.37	cps
Barium	135-1	66661	64860	65698	65739	1.37	cps
Barium	137-1	116030	111763	114653	114149	1.91	cps
Beryllium	9-1	156	94	156	135	26.10	cps
Bismuth	209-1	13742964	13876597	13730593	13783385	0.59	cps
Bismuth	209-2	7766605	7700651	7735380	7734212	0.43	cps
Boron	10-1	2700	2767	2742	2736	1.23	cps
Boron	11-1	14966	13732	13523	14074	5.54	cps
Cadmium	111-1	3718	4151	3926	3932	5.52	cps
Cadmium	106-1	5268	5902	5560	5576	5.69	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	281584	275580	277388	278184	1.11	cps
Calcium	44-1	4599862	4560386	4539846	4566698	0.67	cps
Chromium	52-2	1343	1470	1550	1455	7.17	cps
Cobalt	59-2	397	427	477	433	9.33	cps
Copper	63-2	797993	790368	789420	792594	0.59	cps
Dysprosium	156-1	92	117	67	92	27.27	cps
Dysprosium	156-2	27	50	60	46	37.54	cps
Erbium	164-1	192	175	100	156	31.39	cps
Erbium	164-2	37	63	57	52	26.57	cps
Gadolinium	160-1	183	217	225	208	10.58	cps
Gadolinium	160-2	123	97	127	116	14.23	cps
Holmium	165-1	20154096	19785238	19967422	19968919	0.92	cps
Holmium	165-2	9713429	9689523	9670636	9691196	0.22	cps
Indium	115-1	15818176	15816719	15810136	15815010	0.03	cps
Indium	115-2	2993813	2970084	3007813	2990570	0.64	cps
Iron	56-2	95864	95922	100228	97338	2.57	cps
Iron	57-2	2856	2611	3203	2890	10.28	cps
Lead	206-1	3089	3023	3112	3075	1.50	cps
Lead	207-1	2728	2828	2617	2724	3.88	cps
Lead	208-1	12675	12764	12236	12558	2.25	cps
Lithium	6-1	1880607	1843736	1824869	1849737	1.53	cps
Magnesium	24-2	523255	516652	527334	522414	1.03	cps
Manganese	55-2	26918	25746	26404	26356	2.23	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-04	Instrumnet Name :	P7
Client Sample ID :	DC32463-04-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:28:31	DataFile Name :	074SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1642	1667	1950	1753	9.77	cps
Molybdenum	95-1	850	1108	1417	1125	25.22	cps
Molybdenum	96-1	1283	1425	1533	1414	8.87	cps
Molybdenum	97-1	750	717	892	786	11.82	cps
Molybdenum	98-1	1442	1642	2025	1703	17.41	cps
Neodymium	150-1	60	87	80	76	18.37	cps
Neodymium	150-2	20	33	20	24	31.49	cps
Nickel	60-2	1663	1790	1703	1719	3.77	cps
Phosphorus	31-2	5593	5960	5168	5574	7.11	cps
Potassium	39-2	260719	256187	260593	259166	1.00	cps
Rhodium	103-1	14457828	14589950	14263251	14437010	1.14	cps
Rhodium	103-2	6858921	6791619	6857793	6836111	0.56	cps
Scandium	45-1	9206164	9181517	9041625	9143102	0.97	cps
Scandium	45-2	432808	427203	429884	429965	0.65	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	87	109	124	107	17.46	cps
Selenium	82-1	-94	-288	-125	-169	-61.77	cps
Silicon	28-1	6638245	6496950	6641824	6592340	1.25	cps
Silver	109-1	258	308	183	250	25.17	cps
Silver	107-1	325	233	308	289	16.90	cps
Sodium	23-2	6897417	6789122	6790711	6825750	0.91	cps
Strontium	86-1	114949	111211	109818	111992	2.37	cps
Strontium	88-1	930642	935062	914947	926883	1.14	cps
Sulfur	34-1	808965	817603	826303	817624	1.06	cps
Terbium	159-1	20781254	20766486	20632019	20726587	0.40	cps
Terbium	159-2	9922815	9766739	9765118	9818224	0.92	cps
Thallium	203-1	542	575	533	550	4.01	cps
Thallium	205-1	1075	1092	1217	1128	6.87	cps
Tin	118-1	3509	3842	3742	3698	4.63	cps
Titanium	47-1	1142	1033	1333	1170	12.99	cps
Uranium	238-1	508	667	650	608	14.30	cps
Vanadium	51-2	363	267	260	297	19.50	cps
Yttrium	89-1	15801706	15688511	15512951	15667723	0.93	cps
Yttrium	89-2	2302778	2272640	2285170	2286863	0.66	cps
Zinc	66-2	8246	7695	7735	7892	3.89	cps
Zirconium	90-1	3184	2792	2900	2959	6.84	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-04	Instrumnet Name :	P7
Client Sample ID :	DC32463-04-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:28:31	DataFile Name :	074SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	775	725	717	8.78	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-05	Instrumnet Name :	P7
Client Sample ID :	DC32463-05-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:32:00	DataFile Name :	075SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17102	16902	17295	17100	1.15	cps
Antimony	121-1	8053	8019	8361	8144	2.31	cps
Arsenic	75-2	185	198	193	192	3.39	cps
Barium	135-1	67423	66192	67389	67001	1.05	cps
Barium	137-1	117402	117604	116663	117223	0.42	cps
Beryllium	9-1	128	117	106	117	9.52	cps
Bismuth	209-1	13852433	13568152	13632291	13684292	1.09	cps
Bismuth	209-2	7639799	7657957	7703442	7667066	0.43	cps
Boron	10-1	2617	2642	2692	2650	1.44	cps
Boron	11-1	13181	13648	12531	13120	4.28	cps
Cadmium	111-1	4174	4250	3956	4127	3.70	cps
Cadmium	106-1	5960	6060	5585	5868	4.27	cps
Cadmium	108-1	50	42	17	36	48.03	cps
Calcium	43-1	286169	285472	284527	285390	0.29	cps
Calcium	44-1	4695325	4642604	4640589	4659506	0.67	cps
Chromium	52-2	1440	1447	1360	1416	3.41	cps
Cobalt	59-2	487	433	477	466	6.09	cps
Copper	63-2	1113429	1118334	1108235	1113333	0.45	cps
Dysprosium	156-1	58	67	108	78	34.44	cps
Dysprosium	156-2	23	40	37	33	26.47	cps
Erbium	164-1	125	142	117	128	9.97	cps
Erbium	164-2	63	50	43	52	19.50	cps
Gadolinium	160-1	175	217	233	208	14.42	cps
Gadolinium	160-2	90	80	97	89	9.44	cps
Holmium	165-1	20025027	19551338	19603618	19726661	1.32	cps
Holmium	165-2	9722799	9665640	9618834	9669091	0.54	cps
Indium	115-1	15897233	15741510	15681232	15773325	0.71	cps
Indium	115-2	3008577	2998080	2980244	2995634	0.48	cps
Iron	56-2	102125	92682	99500	98102	4.97	cps
Iron	57-2	2356	2389	2111	2285	6.64	cps
Lead	206-1	6213	5768	5735	5905	4.52	cps
Lead	207-1	5474	5029	5296	5266	4.25	cps
Lead	208-1	24237	23615	23653	23835	1.46	cps
Lithium	6-1	1852834	1832182	1825957	1836991	0.77	cps
Magnesium	24-2	530419	534550	525938	530302	0.81	cps
Manganese	55-2	27923	27473	27803	27733	0.84	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-05	Instrumnet Name :	P7
Client Sample ID :	DC32463-05-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:32:00	DataFile Name :	075SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1308	1417	1333	1353	4.19	cps
Molybdenum	95-1	808	808	1233	950	25.83	cps
Molybdenum	96-1	892	1067	1317	1092	19.57	cps
Molybdenum	97-1	458	567	683	569	19.76	cps
Molybdenum	98-1	1108	1408	1592	1370	17.82	cps
Neodymium	150-1	60	107	207	124	60.23	cps
Neodymium	150-2	30	43	17	30	44.43	cps
Nickel	60-2	48650	48671	48256	48526	0.48	cps
Phosphorus	31-2	5118	5309	5001	5143	3.03	cps
Potassium	39-2	258892	258228	258159	258427	0.16	cps
Rhodium	103-1	14462239	14283479	14321464	14355727	0.66	cps
Rhodium	103-2	6837373	6817910	6853443	6836242	0.26	cps
Scandium	45-1	9282275	9162074	9134426	9192925	0.86	cps
Scandium	45-2	435587	430980	432057	432875	0.56	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	124	126	113	121	5.80	cps
Selenium	82-1	-34	179	-108	12	1209.06	cps
Silicon	28-1	6628611	6518848	6563908	6570456	0.84	cps
Silver	109-1	233	292	250	258	11.63	cps
Silver	107-1	258	300	300	286	8.41	cps
Sodium	23-2	6836111	6754568	6757024	6782568	0.68	cps
Strontium	86-1	112732	113471	112731	112978	0.38	cps
Strontium	88-1	946336	930410	931983	936243	0.94	cps
Sulfur	34-1	819543	821465	812806	817938	0.56	cps
Terbium	159-1	20787035	20462691	20310161	20519962	1.19	cps
Terbium	159-2	9803152	9711203	9634136	9716164	0.87	cps
Thallium	203-1	292	433	450	392	22.21	cps
Thallium	205-1	1108	1208	1100	1139	5.29	cps
Tin	118-1	3376	3351	2959	3228	7.24	cps
Titanium	47-1	1359	1125	1167	1217	10.23	cps
Uranium	238-1	642	633	650	642	1.30	cps
Vanadium	51-2	277	263	193	244	18.31	cps
Yttrium	89-1	15843613	15559118	15447889	15616873	1.31	cps
Yttrium	89-2	2291417	2293592	2279279	2288096	0.34	cps
Zinc	66-2	213903	216425	213026	214451	0.82	cps
Zirconium	90-1	2159	2642	2834	2545	13.67	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-05	Instrumnet Name :	P7
Client Sample ID :	DC32463-05-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:32:00	DataFile Name :	075SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	400	600	497	20.14	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-06	Instrumnet Name :	P7
Client Sample ID :	DC32463-06-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:35:28	DataFile Name :	076SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37975	37907	38435	38105	0.75	cps
Antimony	121-1	4259	4092	5243	4532	13.72	cps
Arsenic	75-2	178	200	191	190	5.89	cps
Barium	135-1	61696	61956	61420	61690	0.43	cps
Barium	137-1	109405	106902	105550	107285	1.82	cps
Beryllium	9-1	189	167	117	157	23.50	cps
Bismuth	209-1	12714744	12603359	12553593	12623899	0.65	cps
Bismuth	209-2	7109649	7120920	7198090	7142886	0.67	cps
Boron	10-1	2767	2484	2550	2600	5.70	cps
Boron	11-1	13390	13832	13849	13690	1.90	cps
Cadmium	111-1	3532	3722	3608	3621	2.65	cps
Cadmium	106-1	5026	5293	5109	5143	2.65	cps
Cadmium	108-1	17	29	21	22	28.64	cps
Calcium	43-1	246210	245157	247123	246163	0.40	cps
Calcium	44-1	4023462	4020195	4017140	4020266	0.08	cps
Chromium	52-2	2587	2324	2247	2386	7.48	cps
Cobalt	59-2	503	510	470	494	4.34	cps
Copper	63-2	887912	888549	894685	890382	0.42	cps
Dysprosium	156-1	83	100	83	89	10.83	cps
Dysprosium	156-2	67	43	67	59	22.88	cps
Erbium	164-1	175	225	183	194	13.78	cps
Erbium	164-2	70	97	100	89	18.50	cps
Gadolinium	160-1	200	250	217	222	11.46	cps
Gadolinium	160-2	107	137	103	116	15.89	cps
Holmium	165-1	18209884	18317170	18145051	18224035	0.48	cps
Holmium	165-2	9024060	9040823	9058455	9041113	0.19	cps
Indium	115-1	14505645	14642560	14605924	14584710	0.49	cps
Indium	115-2	2793837	2796498	2813215	2801183	0.38	cps
Iron	56-2	142203	141560	141396	141720	0.30	cps
Iron	57-2	3606	3701	3695	3667	1.45	cps
Lead	206-1	3712	3717	3517	3649	3.12	cps
Lead	207-1	2906	3017	3073	2999	2.83	cps
Lead	208-1	14643	14137	14187	14322	1.95	cps
Lithium	6-1	1692432	1704245	1702329	1699669	0.37	cps
Magnesium	24-2	463488	466794	465741	465341	0.36	cps
Manganese	55-2	34030	33562	34136	33909	0.90	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-06	Instrumnet Name :	P7
Client Sample ID :	DC32463-06-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:35:28	DataFile Name :	076SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1642	1659	1942	1747	9.65	cps
Molybdenum	95-1	475	683	758	639	22.98	cps
Molybdenum	96-1	875	1000	1375	1083	24.02	cps
Molybdenum	97-1	425	567	608	533	18.02	cps
Molybdenum	98-1	1208	1167	1617	1331	18.69	cps
Neodymium	150-1	120	113	87	107	16.53	cps
Neodymium	150-2	43	30	33	36	19.51	cps
Nickel	60-2	2557	2307	2260	2375	6.72	cps
Phosphorus	31-2	5268	5326	5201	5265	1.19	cps
Potassium	39-2	234643	236904	235838	235795	0.48	cps
Rhodium	103-1	13332495	13140691	13220769	13231318	0.73	cps
Rhodium	103-2	6368396	6420116	6441157	6409890	0.58	cps
Scandium	45-1	8408242	8400285	8449940	8419489	0.32	cps
Scandium	45-2	399395	402729	406244	402789	0.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	111	100	102	104	5.71	cps
Selenium	82-1	122	30	162	104	64.80	cps
Silicon	28-1	5884539	5912640	5982354	5926511	0.85	cps
Silver	109-1	183	283	267	244	21.92	cps
Silver	107-1	367	250	283	300	20.03	cps
Sodium	23-2	6094113	5991563	5985405	6023694	1.01	cps
Strontium	86-1	99762	99235	98629	99209	0.57	cps
Strontium	88-1	825559	822141	816508	821403	0.56	cps
Sulfur	34-1	819385	810231	809743	813119	0.67	cps
Terbium	159-1	19129653	18961467	19148171	19079764	0.54	cps
Terbium	159-2	9045114	8970688	9151108	9055637	1.00	cps
Thallium	203-1	475	667	583	575	16.71	cps
Thallium	205-1	1242	1133	1208	1195	4.65	cps
Tin	118-1	5618	5435	5643	5565	2.04	cps
Titanium	47-1	1475	1150	1208	1278	13.56	cps
Uranium	238-1	983	850	1033	956	9.92	cps
Vanadium	51-2	277	270	303	283	6.22	cps
Yttrium	89-1	14361816	14461636	14432535	14418663	0.36	cps
Yttrium	89-2	2129098	2129756	2153363	2137406	0.65	cps
Zinc	66-2	9093	8423	8769	8762	3.83	cps
Zirconium	90-1	2992	3476	3417	3295	8.01	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-06	Instrumnet Name :	P7
Client Sample ID :	DC32463-06-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:35:28	DataFile Name :	076SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	800	758	753	6.67	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-07	Instrumnet Name :	P7
Client Sample ID :	DC32463-07-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:38:56	DataFile Name :	077SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5735	5626	5309	5557	3.98	cps
Antimony	121-1	5093	5276	5101	5157	2.01	cps
Arsenic	75-2	131	167	169	156	13.42	cps
Barium	135-1	71367	70110	70169	70549	1.01	cps
Barium	137-1	124042	121595	122755	122797	1.00	cps
Beryllium	9-1	83	150	106	113	30.05	cps
Bismuth	209-1	14042748	13973511	13881499	13965919	0.58	cps
Bismuth	209-2	7676992	7770489	7785383	7744288	0.76	cps
Boron	10-1	2225	2459	2175	2286	6.62	cps
Boron	11-1	10804	11647	11838	11430	4.81	cps
Cadmium	111-1	3931	4127	4231	4096	3.71	cps
Cadmium	106-1	5560	5860	6002	5807	3.89	cps
Cadmium	108-1	21	29	29	26	18.25	cps
Calcium	43-1	289134	285526	285080	286580	0.78	cps
Calcium	44-1	4760091	4785137	4702069	4749099	0.90	cps
Chromium	52-2	1733	1773	1637	1715	4.10	cps
Cobalt	59-2	230	237	250	239	4.26	cps
Copper	63-2	2300816	2303418	2292472	2298902	0.25	cps
Dysprosium	156-1	67	83	100	83	20.00	cps
Dysprosium	156-2	50	53	40	48	14.52	cps
Erbium	164-1	92	133	133	119	20.14	cps
Erbium	164-2	63	60	47	57	15.56	cps
Gadolinium	160-1	83	225	208	172	44.96	cps
Gadolinium	160-2	83	90	93	89	5.73	cps
Holmium	165-1	20394752	20267034	19948351	20203379	1.14	cps
Holmium	165-2	9654778	9607418	9741946	9668047	0.71	cps
Indium	115-1	16076799	16120888	15956007	16051231	0.53	cps
Indium	115-2	2995478	3002851	2995087	2997806	0.15	cps
Iron	56-2	83272	82687	87372	84444	3.02	cps
Iron	57-2	2128	2150	2334	2204	5.12	cps
Lead	206-1	9620	10010	9609	9746	2.34	cps
Lead	207-1	8236	8164	8103	8168	0.82	cps
Lead	208-1	38017	38228	38134	38126	0.28	cps
Lithium	6-1	1896368	1880442	1854559	1877123	1.12	cps
Magnesium	24-2	537493	531477	528340	532437	0.87	cps
Manganese	55-2	24404	23900	23846	24050	1.28	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-07	Instrumnet Name :	P7
Client Sample ID :	DC32463-07-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:38:56	DataFile Name :	077SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1517	1308	1700	1508	12.99	cps
Molybdenum	95-1	758	692	692	714	5.39	cps
Molybdenum	96-1	867	717	950	845	14.00	cps
Molybdenum	97-1	392	567	525	494	18.49	cps
Molybdenum	98-1	892	900	1642	1145	37.64	cps
Neodymium	150-1	127	53	93	91	40.30	cps
Neodymium	150-2	27	37	10	24	55.11	cps
Nickel	60-2	1193	1180	1180	1185	0.65	cps
Phosphorus	31-2	5626	5335	6010	5657	5.99	cps
Potassium	39-2	263873	261779	263201	262951	0.41	cps
Rhodium	103-1	14948866	14628006	14662273	14746382	1.19	cps
Rhodium	103-2	6821893	6808077	6831590	6820520	0.17	cps
Scandium	45-1	9341805	9315982	9241852	9299880	0.56	cps
Scandium	45-2	434276	433443	431390	433036	0.34	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	104	81	100	95	12.53	cps
Selenium	82-1	159	-277	-122	-80	-275.85	cps
Silicon	28-1	6743183	6678521	6594324	6672009	1.12	cps
Silver	109-1	225	242	150	206	23.75	cps
Silver	107-1	317	300	375	331	11.91	cps
Sodium	23-2	6878188	6845649	6866495	6863444	0.24	cps
Strontium	86-1	116436	115715	112530	114894	1.81	cps
Strontium	88-1	958247	956315	953918	956160	0.23	cps
Sulfur	34-1	823962	828802	826472	826412	0.29	cps
Terbium	159-1	21188116	21058931	20953202	21066750	0.56	cps
Terbium	159-2	9702668	9687397	9628886	9672984	0.40	cps
Thallium	203-1	275	383	392	350	18.60	cps
Thallium	205-1	908	783	708	800	12.63	cps
Tin	118-1	12122	12681	11872	12225	3.39	cps
Titanium	47-1	1250	1258	1325	1278	3.22	cps
Uranium	238-1	533	558	325	472	27.13	cps
Vanadium	51-2	293	207	187	229	24.77	cps
Yttrium	89-1	15956114	15837417	15681110	15824880	0.87	cps
Yttrium	89-2	2280337	2274762	2293712	2282937	0.43	cps
Zinc	66-2	143812	143297	142558	143222	0.44	cps
Zirconium	90-1	3009	3142	2742	2964	6.87	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-07	Instrumnet Name :	P7
Client Sample ID :	DC32463-07-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:38:56	DataFile Name :	077SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2229	692	508	1143	82.67	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-08	Instrumnet Name :	P7
Client Sample ID :	DC32463-08-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:42:24	DataFile Name :	078SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2442	2367	11515	5442	96.67	cps
Antimony	121-1	1775	1659	1917	1784	7.25	cps
Arsenic	75-2	170	163	183	172	5.99	cps
Barium	135-1	69189	69642	68670	69167	0.70	cps
Barium	137-1	122444	122739	118982	121389	1.72	cps
Beryllium	9-1	128	100	100	109	14.68	cps
Bismuth	209-1	13751096	13785457	13634661	13723738	0.58	cps
Bismuth	209-2	7629841	7645925	7636833	7637533	0.11	cps
Boron	10-1	2434	2050	2350	2278	8.85	cps
Boron	11-1	11088	11146	10913	11049	1.10	cps
Cadmium	111-1	3939	4109	3750	3932	4.56	cps
Cadmium	106-1	5568	5835	5343	5582	4.41	cps
Cadmium	108-1	13	25	33	24	44.41	cps
Calcium	43-1	285050	278830	279146	281009	1.25	cps
Calcium	44-1	4625591	4658351	4598734	4627559	0.65	cps
Chromium	52-2	1523	1440	1547	1503	3.73	cps
Cobalt	59-2	247	243	203	231	10.43	cps
Copper	63-2	273598	270208	269819	271209	0.77	cps
Dysprosium	156-1	133	133	142	136	3.53	cps
Dysprosium	156-2	73	63	43	60	25.46	cps
Erbium	164-1	142	167	275	194	36.45	cps
Erbium	164-2	90	80	83	84	6.03	cps
Gadolinium	160-1	267	267	317	283	10.19	cps
Gadolinium	160-2	143	110	103	119	18.03	cps
Holmium	165-1	19882887	19798422	19458755	19713355	1.14	cps
Holmium	165-2	9739437	9575001	9583196	9632545	0.96	cps
Indium	115-1	15953934	15740811	15716759	15803834	0.83	cps
Indium	115-2	2970448	2949167	2950278	2956631	0.41	cps
Iron	56-2	316666	329190	321897	322584	1.95	cps
Iron	57-2	7880	8175	7791	7949	2.53	cps
Lead	206-1	4251	4223	3873	4116	5.12	cps
Lead	207-1	3606	3451	3895	3651	6.18	cps
Lead	208-1	16265	16638	16071	16325	1.77	cps
Lithium	6-1	1873356	1869045	1847018	1863140	0.76	cps
Magnesium	24-2	513828	515696	510478	513334	0.52	cps
Manganese	55-2	42024	42506	41699	42076	0.96	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-08	Instrumnet Name :	P7
Client Sample ID :	DC32463-08-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:42:24	DataFile Name :	078SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1167	958	1175	1100	11.16	cps
Molybdenum	95-1	450	533	708	564	23.38	cps
Molybdenum	96-1	767	750	950	822	13.50	cps
Molybdenum	97-1	342	442	383	389	12.92	cps
Molybdenum	98-1	767	925	1008	900	13.64	cps
Neodymium	150-1	173	113	140	142	21.14	cps
Neodymium	150-2	53	40	53	49	15.74	cps
Nickel	60-2	847	843	800	830	3.14	cps
Phosphorus	31-2	6068	5893	6243	6068	2.88	cps
Potassium	39-2	262218	258039	257656	259304	0.98	cps
Rhodium	103-1	14526706	14401148	14129339	14352398	1.42	cps
Rhodium	103-2	6814830	6728300	6757196	6766775	0.65	cps
Scandium	45-1	9166505	9130324	9032936	9109922	0.76	cps
Scandium	45-2	429539	427430	423312	426760	0.74	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	106	96	87	96	9.62	cps
Selenium	82-1	-28	18	55	15	277.84	cps
Silicon	28-1	6659833	6563771	6482819	6568808	1.35	cps
Silver	109-1	225	267	125	206	35.42	cps
Silver	107-1	383	292	217	297	28.08	cps
Sodium	23-2	6734324	6711029	6723772	6723042	0.17	cps
Strontium	86-1	112613	111867	111506	111995	0.50	cps
Strontium	88-1	942868	941392	918166	934142	1.48	cps
Sulfur	34-1	838557	829434	830070	832687	0.61	cps
Terbium	159-1	20822541	20775163	20363131	20653612	1.22	cps
Terbium	159-2	9672225	9538224	9559566	9590005	0.75	cps
Thallium	203-1	358	325	275	319	13.13	cps
Thallium	205-1	900	808	883	864	5.65	cps
Tin	118-1	12114	12414	12031	12186	1.66	cps
Titanium	47-1	1567	1592	1700	1620	4.38	cps
Uranium	238-1	1067	892	1083	1014	10.47	cps
Vanadium	51-2	247	293	287	276	9.16	cps
Yttrium	89-1	15580953	15698542	15497803	15592433	0.65	cps
Yttrium	89-2	2272882	2245284	2248336	2255501	0.67	cps
Zinc	66-2	6101	6311	6378	6264	2.31	cps
Zirconium	90-1	1984	1817	1825	1875	5.01	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-08	Instrumnet Name :	P7
Client Sample ID :	DC32463-08-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:42:24	DataFile Name :	078SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	358	458	389	15.50	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-09	Instrumnet Name :	P7
Client Sample ID :	DC32463-09-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:45:52	DataFile Name :	079SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4884	4860	4768	4837	1.27	cps
Antimony	121-1	1784	2217	2417	2139	15.14	cps
Arsenic	75-2	152	169	139	153	9.70	cps
Barium	135-1	66870	67263	66049	66727	0.93	cps
Barium	137-1	117529	115653	115553	116245	0.96	cps
Beryllium	9-1	128	56	117	100	38.89	cps
Bismuth	209-1	13298772	13191011	13245137	13244973	0.41	cps
Bismuth	209-2	7547335	7439058	7580584	7522326	0.98	cps
Boron	10-1	2092	1825	2100	2006	7.80	cps
Boron	11-1	10804	10446	10246	10498	2.70	cps
Cadmium	111-1	4129	3911	3667	3902	5.92	cps
Cadmium	106-1	5860	5610	5201	5557	5.98	cps
Cadmium	108-1	33	58	46	46	27.28	cps
Calcium	43-1	276125	268474	270273	271624	1.47	cps
Calcium	44-1	4499214	4418676	4434824	4450905	0.96	cps
Chromium	52-2	1510	1250	1467	1409	9.89	cps
Cobalt	59-2	233	290	237	253	12.55	cps
Copper	63-2	880713	876305	884224	880414	0.45	cps
Dysprosium	156-1	92	67	150	103	41.61	cps
Dysprosium	156-2	47	70	37	51	33.46	cps
Erbium	164-1	158	133	167	153	11.36	cps
Erbium	164-2	53	70	70	64	14.93	cps
Gadolinium	160-1	267	250	200	239	14.52	cps
Gadolinium	160-2	120	73	103	99	23.92	cps
Holmium	165-1	19354272	19083503	19096787	19178187	0.80	cps
Holmium	165-2	9383371	9366642	9448724	9399579	0.46	cps
Indium	115-1	15439045	15052552	15296407	15262668	1.28	cps
Indium	115-2	2894337	2889125	2895087	2892850	0.11	cps
Iron	56-2	252480	246286	261873	253547	3.10	cps
Iron	57-2	6546	6836	6346	6576	3.75	cps
Lead	206-1	12123	12067	11906	12032	0.94	cps
Lead	207-1	10176	10126	10171	10158	0.27	cps
Lead	208-1	46772	46889	46867	46843	0.13	cps
Lithium	6-1	1832633	1811287	1799158	1814359	0.93	cps
Magnesium	24-2	509571	503699	513485	508918	0.97	cps
Manganese	55-2	31380	31354	31003	31246	0.67	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-09	Instrumnet Name :	P7
Client Sample ID :	DC32463-09-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:45:52	DataFile Name :	079SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	942	1000	1000	981	3.43	cps
Molybdenum	95-1	467	467	683	539	23.21	cps
Molybdenum	96-1	683	683	717	694	2.77	cps
Molybdenum	97-1	375	433	417	408	7.36	cps
Molybdenum	98-1	750	808	1050	870	18.30	cps
Neodymium	150-1	73	160	73	102	48.95	cps
Neodymium	150-2	43	23	43	37	31.49	cps
Nickel	60-2	2234	2230	2180	2215	1.35	cps
Phosphorus	31-2	5526	5660	5593	5593	1.19	cps
Potassium	39-2	255242	251520	254155	253639	0.75	cps
Rhodium	103-1	14179809	13928446	13944876	14017710	1.00	cps
Rhodium	103-2	6624544	6636494	6563667	6608235	0.59	cps
Scandium	45-1	8945537	8840174	8894483	8893398	0.59	cps
Scandium	45-2	419077	416993	419374	418481	0.31	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	126	115	100	114	11.45	cps
Selenium	82-1	-29	-125	-70	-75	-64.34	cps
Silicon	28-1	6380643	6481996	6300579	6387739	1.42	cps
Silver	109-1	242	192	175	203	17.11	cps
Silver	107-1	375	242	225	281	29.30	cps
Sodium	23-2	6661479	6615799	6636050	6637776	0.34	cps
Strontium	86-1	109776	108357	109391	109174	0.67	cps
Strontium	88-1	905537	903639	898680	902619	0.39	cps
Sulfur	34-1	828044	817077	819420	821514	0.70	cps
Terbium	159-1	20194013	19768278	20031608	19997966	1.07	cps
Terbium	159-2	9476628	9499602	9473609	9483280	0.15	cps
Thallium	203-1	258	317	317	297	11.33	cps
Thallium	205-1	667	750	750	722	6.66	cps
Tin	118-1	3217	3384	3267	3289	2.60	cps
Titanium	47-1	1358	1492	1367	1406	5.31	cps
Uranium	238-1	767	867	658	764	13.64	cps
Vanadium	51-2	240	187	200	209	13.29	cps
Yttrium	89-1	15161099	15038615	15063910	15087875	0.43	cps
Yttrium	89-2	2222194	2216728	2224775	2221232	0.18	cps
Zinc	66-2	202878	201324	203520	202574	0.56	cps
Zirconium	90-1	1909	1525	1575	1670	12.48	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-09	Instrumnet Name :	P7
Client Sample ID :	DC32463-09-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:45:52	DataFile Name :	079SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	400	358	375	5.88	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-10	Instrumnet Name :	P7
Client Sample ID :	DC32463-10-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:49:20	DataFile Name :	080SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9921	10138	10213	10090	1.50	cps
Antimony	121-1	1242	1317	1417	1325	6.63	cps
Arsenic	75-2	141	157	189	162	15.06	cps
Barium	135-1	69785	70279	68235	69433	1.54	cps
Barium	137-1	124337	119410	119091	120946	2.43	cps
Beryllium	9-1	56	122	44	74	56.79	cps
Bismuth	209-1	13783417	13558423	13595928	13645923	0.88	cps
Bismuth	209-2	7622360	7790480	7658527	7690456	1.15	cps
Boron	10-1	2292	2417	2209	2306	4.55	cps
Boron	11-1	10838	10396	11038	10757	3.05	cps
Cadmium	111-1	3918	3925	4091	3978	2.47	cps
Cadmium	106-1	5551	5568	5810	5643	2.56	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	286754	280895	283409	283686	1.04	cps
Calcium	44-1	4635118	4613714	4593776	4614203	0.45	cps
Chromium	52-2	1397	1543	1487	1476	5.01	cps
Cobalt	59-2	283	240	310	278	12.72	cps
Copper	63-2	220809	219807	218799	219805	0.46	cps
Dysprosium	156-1	83	92	100	92	9.09	cps
Dysprosium	156-2	73	73	60	69	11.18	cps
Erbium	164-1	258	92	183	178	46.95	cps
Erbium	164-2	70	53	110	78	37.45	cps
Gadolinium	160-1	300	158	225	228	31.12	cps
Gadolinium	160-2	123	110	123	119	6.48	cps
Holmium	165-1	20020040	19875469	19770750	19888753	0.63	cps
Holmium	165-2	9606887	9733571	9631053	9657170	0.70	cps
Indium	115-1	15944706	15625369	15558984	15709687	1.31	cps
Indium	115-2	2960578	2992897	2964890	2972789	0.59	cps
Iron	56-2	402560	399965	419421	407315	2.59	cps
Iron	57-2	9987	10059	9904	9983	0.78	cps
Lead	206-1	4884	5196	5118	5066	3.20	cps
Lead	207-1	4362	4217	4195	4258	2.13	cps
Lead	208-1	20362	19795	19940	20032	1.47	cps
Lithium	6-1	1871128	1849382	1846390	1855633	0.73	cps
Magnesium	24-2	514232	520444	520551	518409	0.70	cps
Manganese	55-2	35630	36063	34551	35414	2.20	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-10	Instrumnet Name :	P7
Client Sample ID :	DC32463-10-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:49:20	DataFile Name :	080SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1042	1075	875	997	10.75	cps
Molybdenum	95-1	467	450	500	472	5.39	cps
Molybdenum	96-1	617	725	642	661	8.58	cps
Molybdenum	97-1	383	400	283	356	17.75	cps
Molybdenum	98-1	742	858	1075	892	18.97	cps
Neodymium	150-1	100	127	120	116	12.01	cps
Neodymium	150-2	60	40	63	54	23.18	cps
Nickel	60-2	850	1023	947	940	9.24	cps
Phosphorus	31-2	5526	6227	5885	5879	5.96	cps
Potassium	39-2	256717	259193	258682	258197	0.51	cps
Rhodium	103-1	14483783	14531591	14283925	14433100	0.91	cps
Rhodium	103-2	6793003	6779400	6753759	6775388	0.29	cps
Scandium	45-1	9229249	9084532	9105693	9139825	0.86	cps
Scandium	45-2	426062	430145	427791	427999	0.48	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	89	128	102	106	18.65	cps
Selenium	82-1	-158	14	-77	-74	-117.14	cps
Silicon	28-1	6650390	6682846	6538348	6623861	1.14	cps
Silver	109-1	192	183	183	186	2.59	cps
Silver	107-1	350	300	242	297	18.24	cps
Sodium	23-2	6728831	6823264	6804111	6785402	0.74	cps
Strontium	86-1	114126	111295	114301	113241	1.49	cps
Strontium	88-1	947307	929832	932800	936646	1.00	cps
Sulfur	34-1	838326	825285	830371	831327	0.79	cps
Terbium	159-1	20795346	20540803	20425621	20587257	0.92	cps
Terbium	159-2	9679129	9691370	9540344	9636947	0.87	cps
Thallium	203-1	200	292	342	278	25.87	cps
Thallium	205-1	708	542	675	642	13.74	cps
Tin	118-1	3776	3767	3642	3728	2.00	cps
Titanium	47-1	1467	1609	1517	1531	4.70	cps
Uranium	238-1	1017	858	833	903	11.01	cps
Vanadium	51-2	187	293	327	269	27.20	cps
Yttrium	89-1	15738329	15326830	15444072	15503077	1.37	cps
Yttrium	89-2	2275693	2275652	2257418	2269588	0.46	cps
Zinc	66-2	6488	6061	6482	6344	3.86	cps
Zirconium	90-1	1759	2042	1834	1878	7.82	cps

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Inst Id :P7
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-10	Instrumnet Name :	P7
Client Sample ID :	DC32463-10-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:49:20	DataFile Name :	080SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	367	383	397	9.91	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-11	Instrumnet Name :	P7
Client Sample ID :	DC32463-11-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:52:48	DataFile Name :	081SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6318	5326	6660	6102	11.36	cps
Antimony	121-1	2900	2817	2667	2795	4.23	cps
Arsenic	75-2	170	146	174	164	9.22	cps
Barium	135-1	68126	68872	68913	68637	0.65	cps
Barium	137-1	122335	120848	117494	120226	2.06	cps
Beryllium	9-1	83	111	111	102	15.74	cps
Bismuth	209-1	13793700	13841856	13638764	13758107	0.77	cps
Bismuth	209-2	7590793	7644516	7603853	7613054	0.37	cps
Boron	10-1	2042	2025	2159	2075	3.50	cps
Boron	11-1	10729	10412	10921	10688	2.40	cps
Cadmium	111-1	4244	3993	3723	3986	6.53	cps
Cadmium	106-1	6010	5701	5276	5662	6.51	cps
Cadmium	108-1	25	33	29	29	14.28	cps
Calcium	43-1	286779	282533	282915	284076	0.83	cps
Calcium	44-1	4692968	4638230	4626688	4652629	0.76	cps
Chromium	52-2	1523	1480	1510	1505	1.48	cps
Cobalt	59-2	227	247	273	249	9.41	cps
Copper	63-2	1182527	1180148	1185221	1182632	0.21	cps
Dysprosium	156-1	133	92	142	122	21.92	cps
Dysprosium	156-2	50	67	37	51	29.41	cps
Erbium	164-1	192	167	158	172	10.07	cps
Erbium	164-2	63	57	83	68	20.47	cps
Gadolinium	160-1	217	267	125	203	35.43	cps
Gadolinium	160-2	117	80	103	100	18.56	cps
Holmium	165-1	19816152	19717659	19716657	19750156	0.29	cps
Holmium	165-2	9588768	9561325	9477999	9542697	0.60	cps
Indium	115-1	15802718	15605498	15670107	15692774	0.64	cps
Indium	115-2	2945889	2961627	2988367	2965294	0.72	cps
Iron	56-2	200859	203113	201410	201794	0.58	cps
Iron	57-2	5268	5440	5162	5290	2.65	cps
Lead	206-1	17846	17991	17874	17903	0.43	cps
Lead	207-1	15003	14458	14659	14707	1.87	cps
Lead	208-1	70341	68687	68403	69144	1.51	cps
Lithium	6-1	1855002	1844422	1848858	1849427	0.29	cps
Magnesium	24-2	520608	526529	529953	525697	0.90	cps
Manganese	55-2	36091	35356	36422	35956	1.52	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-11	Instrumnet Name :	P7
Client Sample ID :	DC32463-11-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:52:48	DataFile Name :	081SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1092	875	967	978	11.12	cps
Molybdenum	95-1	425	525	542	497	12.69	cps
Molybdenum	96-1	542	592	642	592	8.45	cps
Molybdenum	97-1	383	408	433	408	6.12	cps
Molybdenum	98-1	733	792	775	767	3.92	cps
Neodymium	150-1	107	107	120	111	6.93	cps
Neodymium	150-2	33	40	33	36	10.83	cps
Nickel	60-2	1193	1167	1477	1279	13.43	cps
Phosphorus	31-2	5576	5976	5951	5835	3.84	cps
Potassium	39-2	256562	256994	265857	259805	2.02	cps
Rhodium	103-1	14280798	14236655	14318099	14278517	0.29	cps
Rhodium	103-2	6765853	6753268	6805739	6774954	0.40	cps
Scandium	45-1	9145229	9116520	9079410	9113720	0.36	cps
Scandium	45-2	428907	428790	432030	429909	0.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	96	93	98	5.80	cps
Selenium	82-1	-77	163	-22	21	594.38	cps
Silicon	28-1	6669061	6555414	6594211	6606228	0.87	cps
Silver	109-1	150	192	142	161	16.63	cps
Silver	107-1	250	275	275	267	5.41	cps
Sodium	23-2	6768514	6827420	6903687	6833207	0.99	cps
Strontium	86-1	114562	112337	112673	113191	1.06	cps
Strontium	88-1	944245	939812	928189	937415	0.88	cps
Sulfur	34-1	825404	822326	826775	824835	0.28	cps
Terbium	159-1	20525136	20675271	20339353	20513253	0.82	cps
Terbium	159-2	9575348	9607422	9614625	9599132	0.22	cps
Thallium	203-1	400	358	283	347	17.03	cps
Thallium	205-1	750	692	792	745	6.75	cps
Tin	118-1	5826	5735	6002	5854	2.32	cps
Titanium	47-1	1450	1225	1417	1364	8.90	cps
Uranium	238-1	750	633	742	708	9.19	cps
Vanadium	51-2	200	183	223	202	9.94	cps
Yttrium	89-1	15551524	15414085	15481885	15482498	0.44	cps
Yttrium	89-2	2255268	2264143	2279241	2266217	0.53	cps
Zinc	66-2	222179	220914	220783	221292	0.35	cps
Zirconium	90-1	1925	1826	1575	1775	10.16	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-11	Instrumnet Name :	P7
Client Sample ID :	DC32463-11-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:52:48	DataFile Name :	081SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	383	425	364	20.01	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-12	Instrumnet Name :	P7
Client Sample ID :	DC32463-12-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:56:17	DataFile Name :	082SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27043	25798	26258	26366	2.39	cps
Antimony	121-1	1283	1208	1158	1217	5.17	cps
Arsenic	75-2	200	150	180	177	14.24	cps
Barium	135-1	70212	68210	67808	68743	1.87	cps
Barium	137-1	119957	118840	120125	119641	0.58	cps
Beryllium	9-1	44	61	78	61	27.27	cps
Bismuth	209-1	13323084	13342752	13399421	13355086	0.30	cps
Bismuth	209-2	7592983	7507579	7708008	7602857	1.32	cps
Boron	10-1	2384	2109	2167	2220	6.53	cps
Boron	11-1	10262	10145	10171	10193	0.60	cps
Cadmium	111-1	3958	3883	3940	3927	1.00	cps
Cadmium	106-1	5651	5535	5601	5596	1.05	cps
Cadmium	108-1	21	29	8	19	53.95	cps
Calcium	43-1	273850	273979	272618	273482	0.27	cps
Calcium	44-1	4536667	4500633	4468512	4501937	0.76	cps
Chromium	52-2	1537	1480	1640	1552	5.23	cps
Cobalt	59-2	427	403	417	416	2.82	cps
Copper	63-2	210348	209365	210960	210224	0.38	cps
Dysprosium	156-1	142	142	133	139	3.46	cps
Dysprosium	156-2	110	60	100	90	29.40	cps
Erbium	164-1	175	150	183	169	10.24	cps
Erbium	164-2	73	73	73	73	0.01	cps
Gadolinium	160-1	300	225	267	264	14.24	cps
Gadolinium	160-2	113	143	147	134	13.65	cps
Holmium	165-1	19476632	19392267	19241065	19369988	0.62	cps
Holmium	165-2	9484069	9400404	9562692	9482388	0.86	cps
Indium	115-1	15480751	15260083	15224553	15321796	0.91	cps
Indium	115-2	2935822	2902535	2932592	2923650	0.63	cps
Iron	56-2	260002	250459	252361	254274	1.99	cps
Iron	57-2	6368	6229	6268	6289	1.14	cps
Lead	206-1	4595	4629	4301	4508	4.00	cps
Lead	207-1	3756	4023	3912	3897	3.44	cps
Lead	208-1	17494	17761	17933	17729	1.25	cps
Lithium	6-1	1798665	1785170	1785449	1789762	0.43	cps
Magnesium	24-2	514427	509252	512039	511906	0.51	cps
Manganese	55-2	42478	38825	39621	40308	4.77	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-12	Instrumnet Name :	P7
Client Sample ID :	DC32463-12-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:56:17	DataFile Name :	082SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	808	808	958	858	10.09	cps
Molybdenum	95-1	458	467	442	456	2.79	cps
Molybdenum	96-1	700	683	933	772	18.10	cps
Molybdenum	97-1	342	392	383	372	7.20	cps
Molybdenum	98-1	750	750	800	767	3.77	cps
Neodymium	150-1	120	127	113	120	5.55	cps
Neodymium	150-2	50	43	50	48	8.06	cps
Nickel	60-2	907	857	1013	926	8.65	cps
Phosphorus	31-2	5835	5835	5860	5843	0.25	cps
Potassium	39-2	258115	255742	261549	258469	1.13	cps
Rhodium	103-1	14052574	14044706	13985458	14027579	0.26	cps
Rhodium	103-2	6659535	6687957	6660628	6669374	0.24	cps
Scandium	45-1	8946219	9049222	8854101	8949847	1.09	cps
Scandium	45-2	427392	422510	422992	424298	0.63	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	85	104	94	94	9.80	cps
Selenium	82-1	-186	-103	-54	-115	-58.29	cps
Silicon	28-1	6506542	6439900	6593704	6513382	1.18	cps
Silver	109-1	208	217	283	236	17.41	cps
Silver	107-1	233	275	283	264	10.15	cps
Sodium	23-2	6706418	6693605	6777164	6725729	0.67	cps
Strontium	86-1	111061	109767	110447	110425	0.59	cps
Strontium	88-1	923465	912180	909389	915011	0.81	cps
Sulfur	34-1	808499	810502	811589	810197	0.19	cps
Terbium	159-1	20138236	20034792	20073516	20082181	0.26	cps
Terbium	159-2	9520300	9423101	9561886	9501762	0.75	cps
Thallium	203-1	258	325	250	278	14.80	cps
Thallium	205-1	550	517	700	589	16.58	cps
Tin	118-1	3867	3901	3817	3862	1.09	cps
Titanium	47-1	1492	1475	1492	1486	0.65	cps
Uranium	238-1	900	983	1083	989	9.28	cps
Vanadium	51-2	270	277	267	271	1.88	cps
Yttrium	89-1	15290647	15118248	15036688	15148528	0.86	cps
Yttrium	89-2	2241581	2242009	2257480	2247023	0.40	cps
Zinc	66-2	3877	3731	3837	3815	1.99	cps
Zirconium	90-1	1675	1700	1792	1722	3.57	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-12	Instrumnet Name :	P7
Client Sample ID :	DC32463-12-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 15:56:17	DataFile Name :	082SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	275	300	319	17.76	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:24:10	DataFile Name :	090SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1397021	1400802	1386873	1394899	0.52	cps
Antimony	121-1	7916694	7952095	7742266	7870352	1.43	cps
Arsenic	75-2	276869	279419	278937	278408	0.49	cps
Barium	135-1	9284580	9358691	9242492	9295254	0.63	cps
Barium	137-1	16098877	16294141	16082844	16158621	0.73	cps
Beryllium	9-1	1229966	1237296	1219638	1228967	0.72	cps
Bismuth	209-1	12282334	12302051	12143492	12242626	0.71	cps
Bismuth	209-2	6756837	6841530	6791382	6796583	0.63	cps
Boron	10-1	165124	169513	166404	167014	1.35	cps
Boron	11-1	846082	850296	843842	846740	0.39	cps
Cadmium	111-1	1963028	1959741	1955148	1959306	0.20	cps
Cadmium	106-1	224949	223615	221725	223430	0.73	cps
Cadmium	108-1	147386	146118	146283	146596	0.47	cps
Calcium	43-1	2091900	2089380	2055889	2079056	0.97	cps
Calcium	44-1	34103826	34102477	33644409	33950237	0.78	cps
Chromium	52-2	2364974	2376514	2372800	2371429	0.25	cps
Cobalt	59-2	3860347	3871025	3861792	3864388	0.15	cps
Copper	63-2	5400286	5401965	5422466	5408239	0.23	cps
Dysprosium	156-1	108	192	125	142	31.13	cps
Dysprosium	156-2	50	57	47	51	9.96	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	27	47	33	36	28.64	cps
Gadolinium	160-1	175	142	133	150	14.70	cps
Gadolinium	160-2	73	63	57	64	13.02	cps
Holmium	165-1	18358001	18158166	18320660	18278942	0.58	cps
Holmium	165-2	9108697	9118584	8960006	9062429	0.98	cps
Indium	115-1	14287609	14369770	14200462	14285947	0.59	cps
Indium	115-2	2772271	2769002	2753733	2765002	0.36	cps
Iron	56-2	101141774	101791447	101041108	101324776	0.40	cps
Iron	57-2	2449901	2455955	2447744	2451200	0.17	cps
Lead	206-1	6261325	6150187	6220069	6210527	0.90	cps
Lead	207-1	5670843	5579519	5642436	5630932	0.83	cps
Lead	208-1	25823025	25616583	25803514	25747707	0.44	cps
Lithium	6-1	1680476	1679574	1659898	1673316	0.69	cps
Magnesium	24-2	16951514	17078598	16914557	16981556	0.51	cps
Manganese	55-2	2685666	2709307	2693905	2696293	0.45	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:24:10	DataFile Name :	090SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6961047	6948058	6874642	6927915	0.67	cps
Molybdenum	95-1	3620469	3634919	3602070	3619153	0.45	cps
Molybdenum	96-1	4698576	4687483	4653476	4679845	0.50	cps
Molybdenum	97-1	2294486	2268880	2244173	2269179	1.11	cps
Molybdenum	98-1	6077689	6116670	5999825	6064728	0.98	cps
Neodymium	150-1	800	753	740	764	4.12	cps
Neodymium	150-2	50	43	63	52	19.50	cps
Nickel	60-2	1020109	1022714	1023392	1022072	0.17	cps
Phosphorus	31-2	79211	79160	79411	79261	0.17	cps
Potassium	39-2	8615130	8539668	8474676	8543158	0.82	cps
Rhodium	103-1	13008343	12912446	12797977	12906255	0.82	cps
Rhodium	103-2	6217404	6266693	6182890	6222329	0.68	cps
Scandium	45-1	8395344	8478616	8257138	8377032	1.34	cps
Scandium	45-2	406562	408880	406285	407242	0.35	cps
Selenium	77-2	5715	5751	5675	5713	0.67	cps
Selenium	78-2	19298	19437	19263	19333	0.48	cps
Selenium	82-1	119989	119983	119673	119882	0.15	cps
Silicon	28-1	4310257	4340906	4317884	4323016	0.37	cps
Silver	109-1	9269877	9306609	9346381	9307622	0.41	cps
Silver	107-1	9695570	9805895	9676468	9725977	0.72	cps
Sodium	23-2	33103450	33348555	33183335	33211780	0.38	cps
Strontium	86-1	2368787	2369692	2349013	2362498	0.49	cps
Strontium	88-1	20646606	20835013	20794427	20758682	0.48	cps
Sulfur	34-1	1421616	1426199	1408275	1418697	0.66	cps
Terbium	159-1	19061105	19016623	18799140	18958956	0.74	cps
Terbium	159-2	9074868	9077643	9144899	9099137	0.44	cps
Thallium	203-1	8025218	7980933	7961349	7989167	0.41	cps
Thallium	205-1	18917178	18915226	18766174	18866193	0.46	cps
Tin	118-1	6477273	6490360	6398538	6455391	0.77	cps
Titanium	47-1	1025407	1022461	1010918	1019595	0.75	cps
Uranium	238-1	26891182	27212887	26728284	26944118	0.92	cps
Vanadium	51-2	1936363	1956729	1935488	1942860	0.62	cps
Yttrium	89-1	14249113	14439820	14327444	14338792	0.67	cps
Yttrium	89-2	2157973	2156715	2143772	2152820	0.37	cps
Zinc	66-2	790979	797231	793375	793862	0.40	cps
Zirconium	90-1	12976788	13009451	12903478	12963239	0.42	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P7
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:24:10	DataFile Name :	090SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2852480	2876265	2854393	2861046	0.46	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:27:34	DataFile Name :	091SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	100	75	89	14.32	cps
Antimony	121-1	24948	28697	32397	28681	12.99	cps
Arsenic	75-2	291	311	326	309	5.71	cps
Barium	135-1	317	283	292	297	5.84	cps
Barium	137-1	625	533	525	561	9.89	cps
Beryllium	9-1	239	211	150	200	22.74	cps
Bismuth	209-1	13096861	12991249	13116271	13068127	0.51	cps
Bismuth	209-2	7438488	7373499	7403863	7405283	0.44	cps
Boron	10-1	3776	3526	3350	3551	6.02	cps
Boron	11-1	19713	19154	16276	18381	10.03	cps
Cadmium	111-1	4104	3966	4044	4038	1.71	cps
Cadmium	106-1	5776	5601	5660	5679	1.57	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	283	317	300	300	5.55	cps
Calcium	44-1	12898	12864	12714	12826	0.76	cps
Chromium	52-2	1533	1363	1227	1375	11.18	cps
Cobalt	59-2	237	163	170	190	21.34	cps
Copper	63-2	5788	6025	5765	5859	2.46	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	20	8	137.80	cps
Erbium	164-1	83	25	67	58	51.51	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	83	75	158	106	43.48	cps
Gadolinium	160-2	53	70	43	56	24.25	cps
Holmium	165-1	18781853	18840483	18844738	18822358	0.19	cps
Holmium	165-2	9290709	9165223	9236737	9230890	0.68	cps
Indium	115-1	14848536	14908473	14865320	14874110	0.21	cps
Indium	115-2	2861740	2846563	2854952	2854418	0.27	cps
Iron	56-2	11705	11255	11838	11599	2.64	cps
Iron	57-2	289	217	250	252	14.35	cps
Lead	206-1	2389	2034	2189	2204	8.09	cps
Lead	207-1	2056	2056	2000	2037	1.57	cps
Lead	208-1	9407	8979	9185	9190	2.33	cps
Lithium	6-1	1740384	1742280	1748693	1743786	0.25	cps
Magnesium	24-2	450	375	300	375	20.00	cps
Manganese	55-2	137	127	163	142	13.33	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:27:34	DataFile Name :	091SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2959	4242	4859	4020	24.12	cps
Molybdenum	95-1	4176	5351	7160	5562	27.03	cps
Molybdenum	96-1	4859	5918	7919	6232	24.93	cps
Molybdenum	97-1	2634	3709	4384	3576	24.69	cps
Molybdenum	98-1	6719	8786	11105	8870	24.74	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	327	293	240	287	15.25	cps
Phosphorus	31-2	267	192	242	233	16.37	cps
Potassium	39-2	49308	49425	49776	49503	0.49	cps
Rhodium	103-1	13694745	13739831	13722356	13718977	0.17	cps
Rhodium	103-2	6621139	6540378	6525455	6562324	0.78	cps
Scandium	45-1	8594961	8601440	8648785	8615062	0.34	cps
Scandium	45-2	410309	409143	410056	409836	0.15	cps
Selenium	77-2	3	10	17	10	66.70	cps
Selenium	78-2	128	154	141	141	9.21	cps
Selenium	82-1	59	-90	-47	-26	-293.10	cps
Silicon	28-1	436681	441052	439003	438912	0.50	cps
Silver	109-1	558	525	450	511	10.86	cps
Silver	107-1	517	517	508	514	0.94	cps
Sodium	23-2	35693	36771	36345	36270	1.50	cps
Strontium	86-1	5560	6160	5660	5793	5.55	cps
Strontium	88-1	833	850	775	820	4.81	cps
Sulfur	34-1	707369	718696	716928	714331	0.85	cps
Terbium	159-1	19494252	19563366	19526251	19527956	0.18	cps
Terbium	159-2	9265871	9310408	9308466	9294915	0.27	cps
Thallium	203-1	2000	1884	1700	1861	8.13	cps
Thallium	205-1	5010	4801	4209	4673	8.88	cps
Tin	118-1	4051	4551	5585	4729	16.54	cps
Titanium	47-1	258	208	183	217	17.63	cps
Uranium	238-1	1108	1075	1033	1072	3.50	cps
Vanadium	51-2	33	77	70	60	38.89	cps
Yttrium	89-1	14704658	14931106	14862892	14832885	0.78	cps
Yttrium	89-2	2172858	2164124	2174126	2170369	0.25	cps
Zinc	66-2	193	177	163	178	8.45	cps
Zirconium	90-1	2292	2550	2609	2484	6.79	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P7
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:27:34	DataFile Name :	091SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	592	600	558	11.66	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-13	Instrumnet Name :	P7
Client Sample ID :	DC32463-13-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:31:04	DataFile Name :	092SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3676	3976	4504	4052	10.34	cps
Antimony	121-1	6935	7602	7953	7497	6.89	cps
Arsenic	75-2	213	219	276	236	14.78	cps
Barium	135-1	69927	70027	68603	69519	1.14	cps
Barium	137-1	120823	122672	122109	121868	0.78	cps
Beryllium	9-1	172	122	139	144	17.63	cps
Bismuth	209-1	13628163	13493400	13467306	13529623	0.64	cps
Bismuth	209-2	7563446	7521871	7527270	7537529	0.30	cps
Boron	10-1	3234	3259	2884	3125	6.71	cps
Boron	11-1	16410	16660	16343	16471	1.02	cps
Cadmium	111-1	4148	4223	3702	4024	7.01	cps
Cadmium	106-1	5868	5977	5218	5688	7.21	cps
Cadmium	108-1	38	21	25	28	31.23	cps
Calcium	43-1	283527	277405	279270	280067	1.12	cps
Calcium	44-1	4634286	4568504	4574565	4592452	0.79	cps
Chromium	52-2	1383	1500	1383	1422	4.74	cps
Cobalt	59-2	293	347	353	331	9.93	cps
Copper	63-2	783915	783325	782248	783163	0.11	cps
Dysprosium	156-1	100	125	142	122	17.16	cps
Dysprosium	156-2	60	67	57	61	8.33	cps
Erbium	164-1	208	150	167	175	17.17	cps
Erbium	164-2	107	87	57	83	30.20	cps
Gadolinium	160-1	192	225	242	219	11.60	cps
Gadolinium	160-2	143	127	87	119	24.50	cps
Holmium	165-1	19714968	19617454	19603573	19645332	0.31	cps
Holmium	165-2	9462322	9459915	9437659	9453299	0.14	cps
Indium	115-1	15789240	15775230	15605923	15723465	0.65	cps
Indium	115-2	2947904	2919831	2933021	2933585	0.48	cps
Iron	56-2	313171	320495	309983	314550	1.71	cps
Iron	57-2	8292	7880	8164	8112	2.59	cps
Lead	206-1	12061	12200	12100	12121	0.59	cps
Lead	207-1	10171	10093	10571	10278	2.50	cps
Lead	208-1	47168	47629	47707	47501	0.61	cps
Lithium	6-1	1852524	1828770	1818590	1833295	0.95	cps
Magnesium	24-2	513077	512322	509965	511788	0.32	cps
Manganese	55-2	48002	48359	47433	47931	0.97	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-13	Instrumnet Name :	P7
Client Sample ID :	DC32463-13-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:31:04	DataFile Name :	092SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3367	3342	4118	3609	12.21	cps
Molybdenum	95-1	1300	1825	2142	1756	24.22	cps
Molybdenum	96-1	2109	2134	2559	2267	11.16	cps
Molybdenum	97-1	833	1150	1458	1147	27.24	cps
Molybdenum	98-1	2417	2700	3142	2753	13.27	cps
Neodymium	150-1	147	100	127	124	18.81	cps
Neodymium	150-2	73	30	47	50	43.71	cps
Nickel	60-2	1010	1003	1047	1020	2.29	cps
Phosphorus	31-2	5776	5451	5810	5679	3.49	cps
Potassium	39-2	257454	258438	257694	257862	0.20	cps
Rhodium	103-1	14287021	14173690	14177334	14212681	0.45	cps
Rhodium	103-2	6745289	6675616	6736238	6719048	0.56	cps
Scandium	45-1	9083381	9049271	9038633	9057095	0.26	cps
Scandium	45-2	422826	419464	421456	421249	0.40	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	109	128	119	119	7.81	cps
Selenium	82-1	152	66	-24	65	135.24	cps
Silicon	28-1	6479771	6443103	6444547	6455807	0.32	cps
Silver	109-1	325	300	325	317	4.56	cps
Silver	107-1	483	383	525	464	15.69	cps
Sodium	23-2	6665566	6666797	6655370	6662578	0.09	cps
Strontium	86-1	112162	112397	113068	112542	0.42	cps
Strontium	88-1	934559	926516	930853	930643	0.43	cps
Sulfur	34-1	833573	829050	826132	829585	0.45	cps
Terbium	159-1	20531494	20248059	20274378	20351310	0.77	cps
Terbium	159-2	9566613	9460979	9389961	9472518	0.94	cps
Thallium	203-1	775	842	675	764	10.98	cps
Thallium	205-1	1975	2000	1500	1825	15.44	cps
Tin	118-1	37467	37435	36724	37209	1.13	cps
Titanium	47-1	1625	1659	1868	1717	7.68	cps
Uranium	238-1	1075	1025	833	978	13.05	cps
Vanadium	51-2	217	263	253	244	10.05	cps
Yttrium	89-1	15421678	15365442	15442781	15409967	0.26	cps
Yttrium	89-2	2245883	2234269	2244888	2241680	0.29	cps
Zinc	66-2	79917	80339	80728	80328	0.51	cps
Zirconium	90-1	6552	6593	7094	6746	4.47	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-13	Instrumnet Name :	P7
Client Sample ID :	DC32463-13-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:31:04	DataFile Name :	092SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1408	1358	1458	1408	3.55	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-14	Instrumnet Name :	P7
Client Sample ID :	DC32463-14-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:34:32	DataFile Name :	093SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29906	28144	30142	29397	3.71	cps
Antimony	121-1	3451	3742	3842	3678	5.53	cps
Arsenic	75-2	198	176	217	197	10.36	cps
Barium	135-1	70705	69517	69122	69781	1.18	cps
Barium	137-1	123134	121454	120511	121699	1.09	cps
Beryllium	9-1	100	139	128	122	16.39	cps
Bismuth	209-1	13925232	13811709	13441324	13726089	1.84	cps
Bismuth	209-2	7694790	7646184	7532382	7624452	1.09	cps
Boron	10-1	2809	2625	2667	2700	3.56	cps
Boron	11-1	14207	14591	13623	14140	3.45	cps
Cadmium	111-1	4243	4059	4084	4129	2.42	cps
Cadmium	106-1	6027	5776	5801	5868	2.35	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	283185	282416	277251	280950	1.15	cps
Calcium	44-1	4682263	4627067	4541617	4616982	1.53	cps
Chromium	52-2	1530	1493	1417	1480	3.91	cps
Cobalt	59-2	443	527	427	466	11.51	cps
Copper	63-2	205991	209094	205937	207007	0.87	cps
Dysprosium	156-1	142	100	308	183	60.15	cps
Dysprosium	156-2	53	50	57	53	6.25	cps
Erbium	164-1	158	125	225	169	30.05	cps
Erbium	164-2	87	90	57	78	23.60	cps
Gadolinium	160-1	242	200	192	211	12.69	cps
Gadolinium	160-2	113	117	80	103	19.62	cps
Holmium	165-1	20072647	19987100	19717614	19925787	0.93	cps
Holmium	165-2	9661017	9700747	9433375	9598380	1.50	cps
Indium	115-1	15904544	15799599	15543483	15749209	1.18	cps
Indium	115-2	2953580	2964000	2939517	2952366	0.42	cps
Iron	56-2	181657	174919	176571	177716	1.98	cps
Iron	57-2	4412	4512	4673	4532	2.91	cps
Lead	206-1	4195	4368	3895	4153	5.76	cps
Lead	207-1	3756	3462	3451	3556	4.87	cps
Lead	208-1	16732	16961	15904	16532	3.36	cps
Lithium	6-1	1882310	1856441	1831377	1856709	1.37	cps
Magnesium	24-2	519875	516300	512978	516384	0.67	cps
Manganese	55-2	34517	34975	34805	34766	0.67	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-14	Instrumnet Name :	P7
Client Sample ID :	DC32463-14-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:34:32	DataFile Name :	093SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1617	1934	2017	1856	11.37	cps
Molybdenum	95-1	1000	1200	1433	1211	17.91	cps
Molybdenum	96-1	1258	1392	1834	1495	20.14	cps
Molybdenum	97-1	717	608	800	708	13.57	cps
Molybdenum	98-1	1592	1592	2100	1761	16.67	cps
Neodymium	150-1	140	93	93	109	24.74	cps
Neodymium	150-2	30	43	37	37	18.18	cps
Nickel	60-2	743	987	740	823	17.18	cps
Phosphorus	31-2	5718	5968	5868	5851	2.15	cps
Potassium	39-2	260370	259513	254124	258003	1.31	cps
Rhodium	103-1	14597476	14424069	14127145	14382897	1.65	cps
Rhodium	103-2	6705064	6747405	6678326	6710265	0.52	cps
Scandium	45-1	9216859	9128852	8992291	9112667	1.24	cps
Scandium	45-2	424885	424178	422409	423824	0.30	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	106	89	117	104	13.48	cps
Selenium	82-1	171	2	-45	43	266.88	cps
Silicon	28-1	6789866	6676249	6635632	6700582	1.19	cps
Silver	109-1	250	208	208	222	10.83	cps
Silver	107-1	342	350	350	347	1.39	cps
Sodium	23-2	6750615	6696873	6690365	6712618	0.49	cps
Strontium	86-1	114512	116167	110037	113572	2.79	cps
Strontium	88-1	956021	948915	924648	943195	1.74	cps
Sulfur	34-1	821325	821530	814716	819191	0.47	cps
Terbium	159-1	21071236	20569541	20331375	20657384	1.83	cps
Terbium	159-2	9614725	9652604	9527570	9598299	0.67	cps
Thallium	203-1	675	525	600	600	12.50	cps
Thallium	205-1	1342	1125	1258	1242	8.80	cps
Tin	118-1	4434	4834	4634	4634	4.32	cps
Titanium	47-1	1450	2162	1525	1712	22.83	cps
Uranium	238-1	758	817	900	825	8.63	cps
Vanadium	51-2	363	350	287	333	12.29	cps
Yttrium	89-1	15898153	15658099	15379481	15645245	1.66	cps
Yttrium	89-2	2239785	2259077	2229294	2242718	0.67	cps
Zinc	66-2	3674	3647	3934	3752	4.22	cps
Zirconium	90-1	4002	2950	3551	3501	15.06	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-14	Instrumnet Name :	P7
Client Sample ID :	DC32463-14-FL1-BRG-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:34:32	DataFile Name :	093SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	600	850	692	714	17.72	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-15	Instrumnet Name :	P7
Client Sample ID :	DC32463-15-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:38:01	DataFile Name :	094SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2711	1442	2318	2157	30.12	cps
Antimony	121-1	2784	3226	3459	3156	10.87	cps
Arsenic	75-2	176	143	178	165	11.97	cps
Barium	135-1	69583	67824	67205	68204	1.81	cps
Barium	137-1	118904	120100	117049	118684	1.30	cps
Beryllium	9-1	89	111	139	113	22.18	cps
Bismuth	209-1	13879951	13891179	13836315	13869148	0.21	cps
Bismuth	209-2	7661619	7774686	7758991	7731765	0.79	cps
Boron	10-1	2634	2534	2484	2550	3.00	cps
Boron	11-1	12397	12447	12289	12378	0.65	cps
Cadmium	111-1	4141	4222	4088	4151	1.62	cps
Cadmium	106-1	5893	6018	5810	5907	1.78	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	288294	287264	282006	285855	1.18	cps
Calcium	44-1	4697052	4625928	4615065	4646015	0.96	cps
Chromium	52-2	1383	1403	1347	1378	2.09	cps
Cobalt	59-2	273	220	250	248	10.79	cps
Copper	63-2	1031745	1035165	1030673	1032528	0.23	cps
Dysprosium	156-1	117	100	158	125	24.03	cps
Dysprosium	156-2	43	60	50	51	16.42	cps
Erbium	164-1	117	167	108	131	24.16	cps
Erbium	164-2	80	67	43	63	29.31	cps
Gadolinium	160-1	250	292	208	250	16.67	cps
Gadolinium	160-2	123	87	93	101	19.32	cps
Holmium	165-1	20027291	20179787	20076374	20094484	0.39	cps
Holmium	165-2	9752582	9767593	9630872	9717016	0.77	cps
Indium	115-1	15908242	15733874	15891731	15844616	0.61	cps
Indium	115-2	2996642	3002570	2989196	2996136	0.22	cps
Iron	56-2	125846	105749	108523	113373	9.61	cps
Iron	57-2	3682	2511	2645	2946	21.75	cps
Lead	206-1	3756	3790	3695	3747	1.28	cps
Lead	207-1	3128	2878	2956	2987	4.28	cps
Lead	208-1	14381	14242	14059	14227	1.14	cps
Lithium	6-1	1890095	1873709	1873657	1879154	0.50	cps
Magnesium	24-2	518744	519140	519279	519054	0.05	cps
Manganese	55-2	30214	30341	30669	30408	0.77	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-15	Instrumnet Name :	P7
Client Sample ID :	DC32463-15-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:38:01	DataFile Name :	094SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1325	1442	1717	1495	13.46	cps
Molybdenum	95-1	758	958	1083	933	17.56	cps
Molybdenum	96-1	1075	1117	1275	1156	9.13	cps
Molybdenum	97-1	508	567	683	586	15.20	cps
Molybdenum	98-1	1150	1233	1800	1395	25.37	cps
Neodymium	150-1	120	60	127	102	35.92	cps
Neodymium	150-2	23	40	40	34	27.94	cps
Nickel	60-2	1373	1277	1387	1346	4.46	cps
Phosphorus	31-2	5818	5910	5660	5796	2.18	cps
Potassium	39-2	260217	260957	258022	259732	0.59	cps
Rhodium	103-1	14463968	14610147	14473741	14515952	0.56	cps
Rhodium	103-2	6811765	6814029	6768008	6797934	0.38	cps
Scandium	45-1	9295824	9214130	9159435	9223130	0.74	cps
Scandium	45-2	427910	430406	428413	428910	0.31	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	119	102	87	102	15.37	cps
Selenium	82-1	-20	9	-83	-31	-150.94	cps
Silicon	28-1	6498227	6471676	6581702	6517202	0.88	cps
Silver	109-1	258	175	208	214	19.61	cps
Silver	107-1	183	275	375	278	34.51	cps
Sodium	23-2	6768018	6889909	6881050	6846325	0.99	cps
Strontium	86-1	113639	114477	113143	113753	0.59	cps
Strontium	88-1	946169	946436	944836	945813	0.09	cps
Sulfur	34-1	824669	819190	812769	818876	0.73	cps
Terbium	159-1	20856648	20973950	20723491	20851363	0.60	cps
Terbium	159-2	9628043	9710293	9710492	9682943	0.49	cps
Thallium	203-1	450	450	317	406	18.98	cps
Thallium	205-1	958	1150	967	1025	10.57	cps
Tin	118-1	2792	3184	2784	2920	7.84	cps
Titanium	47-1	1317	1584	1258	1386	12.50	cps
Uranium	238-1	725	758	800	761	4.94	cps
Vanadium	51-2	213	160	177	183	14.88	cps
Yttrium	89-1	15713931	15654168	15779562	15715887	0.40	cps
Yttrium	89-2	2265607	2285909	2278262	2276592	0.45	cps
Zinc	66-2	7018	7482	7275	7259	3.20	cps
Zirconium	90-1	2367	2792	2784	2648	9.18	cps

Reviewed By:jaswal
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-15	Instrumnet Name :	P7
Client Sample ID :	DC32463-15-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:38:01	DataFile Name :	094SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	492	575	531	7.91	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-16	Instrumnet Name :	P7
Client Sample ID :	DC32463-16-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:41:30	DataFile Name :	095SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1575	1500	1609	1561	3.56	cps
Antimony	121-1	3242	3301	3201	3248	1.55	cps
Arsenic	75-2	156	174	200	177	12.64	cps
Barium	135-1	69751	68033	67004	68263	2.03	cps
Barium	137-1	120984	118461	115797	118414	2.19	cps
Beryllium	9-1	61	128	128	106	36.47	cps
Bismuth	209-1	13888660	13513584	13395060	13599101	1.89	cps
Bismuth	209-2	7507282	7477711	7518782	7501258	0.28	cps
Boron	10-1	2250	2267	2200	2239	1.55	cps
Boron	11-1	11913	11113	11697	11574	3.58	cps
Cadmium	111-1	4214	3742	4066	4007	6.03	cps
Cadmium	106-1	5985	5335	5760	5693	5.80	cps
Cadmium	108-1	25	25	4	18	66.60	cps
Calcium	43-1	288412	280472	273475	280787	2.66	cps
Calcium	44-1	4745741	4643622	4502690	4630684	2.64	cps
Chromium	52-2	1693	1527	1320	1513	12.36	cps
Cobalt	59-2	317	227	253	266	17.41	cps
Copper	63-2	1053475	1054776	1054873	1054375	0.07	cps
Dysprosium	156-1	133	42	83	86	53.30	cps
Dysprosium	156-2	37	70	63	57	31.12	cps
Erbium	164-1	175	208	275	219	23.20	cps
Erbium	164-2	67	50	40	52	25.80	cps
Gadolinium	160-1	225	275	217	239	13.21	cps
Gadolinium	160-2	143	97	100	113	22.97	cps
Holmium	165-1	19983014	19844533	19179092	19668879	2.19	cps
Holmium	165-2	9444000	9423383	9392277	9419887	0.28	cps
Indium	115-1	15888316	15697652	15304608	15630192	1.90	cps
Indium	115-2	2892185	2881594	2901159	2891646	0.34	cps
Iron	56-2	185692	184886	188178	186252	0.92	cps
Iron	57-2	5096	4651	4668	4805	5.25	cps
Lead	206-1	4495	4240	4101	4279	4.68	cps
Lead	207-1	3656	3684	3712	3684	0.75	cps
Lead	208-1	17611	17294	17138	17348	1.39	cps
Lithium	6-1	1889194	1838348	1808702	1845415	2.21	cps
Magnesium	24-2	505877	504868	506994	505913	0.21	cps
Manganese	55-2	33528	33047	33806	33460	1.15	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-16	Instrumnet Name :	P7
Client Sample ID :	DC32463-16-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:41:30	DataFile Name :	095SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1309	1442	1192	1314	9.52	cps
Molybdenum	95-1	642	683	867	731	16.38	cps
Molybdenum	96-1	908	633	1017	853	23.17	cps
Molybdenum	97-1	500	558	558	539	6.25	cps
Molybdenum	98-1	975	1000	1308	1095	16.96	cps
Neodymium	150-1	87	127	73	96	29.04	cps
Neodymium	150-2	50	73	43	56	28.36	cps
Nickel	60-2	1803	1723	1860	1796	3.82	cps
Phosphorus	31-2	5660	5893	5618	5724	2.59	cps
Potassium	39-2	251098	250928	253971	251999	0.68	cps
Rhodium	103-1	14410559	14189985	13976120	14192221	1.53	cps
Rhodium	103-2	6649649	6640285	6588961	6626298	0.49	cps
Scandium	45-1	9285161	9087902	8790971	9054678	2.75	cps
Scandium	45-2	415285	412119	417716	415040	0.68	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	104	106	91	100	8.08	cps
Selenium	82-1	-226	-164	-119	-170	-31.60	cps
Silicon	28-1	6557036	6414011	6219776	6396941	2.65	cps
Silver	109-1	158	175	233	189	20.85	cps
Silver	107-1	292	342	125	253	44.88	cps
Sodium	23-2	6641186	6675033	6713905	6676708	0.55	cps
Strontium	86-1	112312	112084	110598	111665	0.83	cps
Strontium	88-1	947217	923509	910226	926984	2.02	cps
Sulfur	34-1	824209	821789	811658	819219	0.81	cps
Terbium	159-1	21174525	20368923	20069144	20537531	2.78	cps
Terbium	159-2	9354657	9425665	9356178	9378833	0.43	cps
Thallium	203-1	475	383	442	433	10.71	cps
Thallium	205-1	1017	1083	1033	1045	3.32	cps
Tin	118-1	5101	5285	5335	5240	2.35	cps
Titanium	47-1	1400	1926	1350	1559	20.48	cps
Uranium	238-1	875	850	758	828	7.42	cps
Vanadium	51-2	190	250	193	211	15.97	cps
Yttrium	89-1	15773886	15439534	15022918	15412113	2.44	cps
Yttrium	89-2	2212978	2212990	2204313	2210094	0.23	cps
Zinc	66-2	11712	11391	11932	11678	2.33	cps
Zirconium	90-1	2242	2309	2334	2295	2.07	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-16	Instrumnet Name :	P7
Client Sample ID :	DC32463-16-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:41:30	DataFile Name :	095SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	417	558	439	25.07	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-17	Instrumnet Name :	P7
Client Sample ID :	DC32463-17-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:44:58	DataFile Name :	096SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1726	1284	1417	1475	15.38	cps
Antimony	121-1	2284	2009	2284	2192	7.24	cps
Arsenic	75-2	146	167	174	162	8.86	cps
Barium	135-1	67272	68026	65915	67071	1.59	cps
Barium	137-1	117233	116997	115913	116714	0.60	cps
Beryllium	9-1	83	111	83	93	17.31	cps
Bismuth	209-1	13814842	13657904	13590928	13687891	0.84	cps
Bismuth	209-2	7619111	7631545	7677091	7642582	0.40	cps
Boron	10-1	2325	2300	2217	2281	2.49	cps
Boron	11-1	11330	11088	11046	11155	1.37	cps
Cadmium	111-1	4286	3944	4008	4080	4.46	cps
Cadmium	106-1	6077	5618	5693	5796	4.24	cps
Cadmium	108-1	13	25	8	15	56.79	cps
Calcium	43-1	280827	277743	275597	278056	0.95	cps
Calcium	44-1	4613336	4554657	4549823	4572606	0.77	cps
Chromium	52-2	1367	1513	1377	1419	5.77	cps
Cobalt	59-2	193	247	257	232	14.66	cps
Copper	63-2	1083565	1088347	1078211	1083374	0.47	cps
Dysprosium	156-1	75	92	67	78	16.37	cps
Dysprosium	156-2	57	100	37	64	50.23	cps
Erbium	164-1	167	125	133	142	15.56	cps
Erbium	164-2	77	90	73	80	11.02	cps
Gadolinium	160-1	225	217	208	217	3.84	cps
Gadolinium	160-2	70	113	63	82	33.02	cps
Holmium	165-1	20063045	19806921	19897399	19922455	0.65	cps
Holmium	165-2	9583241	9586146	9489189	9552859	0.58	cps
Indium	115-1	15873178	15743399	15538148	15718242	1.07	cps
Indium	115-2	2936260	2956205	2936127	2942864	0.39	cps
Iron	56-2	98606	99204	117718	105176	10.33	cps
Iron	57-2	2939	2661	2650	2750	5.95	cps
Lead	206-1	4334	4267	4134	4245	2.40	cps
Lead	207-1	3478	3506	3790	3591	4.80	cps
Lead	208-1	16471	16427	16421	16440	0.17	cps
Lithium	6-1	1859911	1847260	1843782	1850318	0.46	cps
Magnesium	24-2	513856	516874	516848	515859	0.34	cps
Manganese	55-2	28414	28438	30432	29095	3.98	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-17	Instrumnet Name :	P7
Client Sample ID :	DC32463-17-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:44:58	DataFile Name :	096SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1108	1250	1100	1153	7.31	cps
Molybdenum	95-1	483	567	792	614	25.98	cps
Molybdenum	96-1	883	742	983	870	13.97	cps
Molybdenum	97-1	483	500	400	461	11.62	cps
Molybdenum	98-1	817	1100	1042	986	15.17	cps
Neodymium	150-1	80	113	87	93	18.90	cps
Neodymium	150-2	27	10	33	23	51.50	cps
Nickel	60-2	937	883	927	916	3.10	cps
Phosphorus	31-2	5860	5526	6035	5807	4.45	cps
Potassium	39-2	254217	253726	258784	255575	1.09	cps
Rhodium	103-1	14404068	14143284	14241427	14262926	0.92	cps
Rhodium	103-2	6786772	6820732	6701709	6769738	0.91	cps
Scandium	45-1	9168330	9068583	9056753	9097888	0.67	cps
Scandium	45-2	424315	425861	426921	425699	0.31	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	113	107	128	116	9.07	cps
Selenium	82-1	19	-272	201	-17	-1376.24	cps
Silicon	28-1	6500911	6306228	6396110	6401083	1.52	cps
Silver	109-1	217	183	150	183	18.18	cps
Silver	107-1	242	208	200	217	10.18	cps
Sodium	23-2	6795595	6797932	6806581	6800036	0.09	cps
Strontium	86-1	113126	112463	113168	112919	0.35	cps
Strontium	88-1	942078	930073	928588	933579	0.79	cps
Sulfur	34-1	831813	839667	837180	836220	0.48	cps
Terbium	159-1	20705173	20667903	20506574	20626550	0.51	cps
Terbium	159-2	9568045	9521199	9624136	9571127	0.54	cps
Thallium	203-1	333	475	225	344	36.40	cps
Thallium	205-1	692	867	867	808	12.50	cps
Tin	118-1	1800	1809	1734	1781	2.31	cps
Titanium	47-1	1300	1409	1300	1336	4.68	cps
Uranium	238-1	558	742	708	669	14.59	cps
Vanadium	51-2	243	163	257	221	22.83	cps
Yttrium	89-1	15625462	15551129	15419837	15532143	0.67	cps
Yttrium	89-2	2252433	2261580	2247966	2253993	0.31	cps
Zinc	66-2	12556	12145	12522	12408	1.84	cps
Zirconium	90-1	1892	1850	2067	1936	5.94	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-17	Instrumnet Name :	P7
Client Sample ID :	DC32463-17-FL1-H-W2-I	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:44:58	DataFile Name :	096SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	633	367	497	26.83	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-18	Instrumnet Name :	P7
Client Sample ID :	DC3246-18-FL1-H-W2-BI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:48:26	DataFile Name :	097SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1525	992	1952	1490	32.30	cps
Antimony	121-1	2475	2600	2884	2653	7.89	cps
Arsenic	75-2	159	152	135	149	8.29	cps
Barium	135-1	69633	65690	68754	68025	3.04	cps
Barium	137-1	119906	116864	118645	118472	1.29	cps
Beryllium	9-1	111	150	89	117	26.51	cps
Bismuth	209-1	13832961	13791034	13695877	13773291	0.51	cps
Bismuth	209-2	7682757	7203467	6754540	7213588	6.43	cps
Boron	10-1	2317	1842	2017	2059	11.67	cps
Boron	11-1	10988	10095	10379	10487	4.35	cps
Cadmium	111-1	3846	3937	4096	3960	3.20	cps
Cadmium	106-1	5485	5618	5826	5643	3.05	cps
Cadmium	108-1	21	29	17	22	28.64	cps
Calcium	43-1	279223	278960	275785	277989	0.69	cps
Calcium	44-1	4617311	4572676	4548848	4579612	0.76	cps
Chromium	52-2	1463	1297	1427	1396	6.28	cps
Cobalt	59-2	203	193	157	184	13.32	cps
Copper	63-2	1472669	1398411	1381085	1417388	3.43	cps
Dysprosium	156-1	75	175	100	117	44.61	cps
Dysprosium	156-2	40	43	33	39	13.09	cps
Erbium	164-1	117	133	200	150	29.40	cps
Erbium	164-2	90	63	50	68	30.05	cps
Gadolinium	160-1	250	233	283	256	9.96	cps
Gadolinium	160-2	117	80	60	86	33.59	cps
Holmium	165-1	19945784	19591179	19757409	19764791	0.90	cps
Holmium	165-2	9597709	9024196	8845643	9155849	4.29	cps
Indium	115-1	15857798	15662197	15543249	15687748	1.01	cps
Indium	115-2	2954670	2775626	2733032	2821109	4.17	cps
Iron	56-2	97032	94969	98992	96998	2.07	cps
Iron	57-2	2467	2500	2601	2523	2.77	cps
Lead	206-1	3645	3712	3378	3578	4.93	cps
Lead	207-1	3162	2773	3162	3032	7.41	cps
Lead	208-1	14164	13848	14076	14029	1.16	cps
Lithium	6-1	1855711	1836963	1838372	1843682	0.57	cps
Magnesium	24-2	511683	483359	478460	491167	3.65	cps
Manganese	55-2	27476	25866	25526	26289	3.96	cps

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Inst Id :P7
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-18	Instrumnet Name :	P7
Client Sample ID :	DC3246-18-FL1-H-W2-BI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:48:26	DataFile Name :	097SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	958	1067	1000	1008	5.42	cps
Molybdenum	95-1	533	625	650	603	10.19	cps
Molybdenum	96-1	750	700	725	725	3.45	cps
Molybdenum	97-1	350	383	492	408	18.14	cps
Molybdenum	98-1	717	792	1158	889	26.59	cps
Neodymium	150-1	127	107	127	120	9.62	cps
Neodymium	150-2	37	53	27	39	34.63	cps
Nickel	60-2	907	903	833	881	4.70	cps
Phosphorus	31-2	5601	5143	4984	5243	6.11	cps
Potassium	39-2	253012	241381	238362	244252	3.17	cps
Rhodium	103-1	14406542	14256853	14258147	14307181	0.60	cps
Rhodium	103-2	6683416	6308552	6200217	6397395	3.96	cps
Scandium	45-1	9103868	9129016	9162698	9131861	0.32	cps
Scandium	45-2	421577	397691	392249	403839	3.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	119	104	96	106	10.66	cps
Selenium	82-1	-34	-148	-43	-75	-84.55	cps
Silicon	28-1	6444839	6378120	6410904	6411287	0.52	cps
Silver	109-1	108	150	150	136	17.67	cps
Silver	107-1	217	208	225	217	3.85	cps
Sodium	23-2	6777583	6383884	6218474	6459981	4.45	cps
Strontium	86-1	112379	112110	111312	111933	0.50	cps
Strontium	88-1	933313	928031	929663	930336	0.29	cps
Sulfur	34-1	829240	827163	826078	827493	0.19	cps
Terbium	159-1	20715558	20613068	20574978	20634535	0.35	cps
Terbium	159-2	9567058	9083547	8876552	9175719	3.86	cps
Thallium	203-1	333	300	467	367	24.05	cps
Thallium	205-1	733	700	758	731	4.01	cps
Tin	118-1	1792	2092	1925	1936	7.76	cps
Titanium	47-1	1875	1617	1550	1681	10.21	cps
Uranium	238-1	692	658	692	681	2.83	cps
Vanadium	51-2	213	163	190	189	13.24	cps
Yttrium	89-1	15611239	15349764	15475169	15478724	0.84	cps
Yttrium	89-2	2239094	2105380	2074483	2139652	4.09	cps
Zinc	66-2	17851	16977	16763	17197	3.35	cps
Zirconium	90-1	1867	1917	1934	1906	1.82	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-18	Instrumnet Name :	P7
Client Sample ID :	DC3246-18-FL1-H-W2-BI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:48:26	DataFile Name :	097SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	408	450	433	5.09	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-19	Instrumnet Name :	P7
Client Sample ID :	DC32463-19-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:51:55	DataFile Name :	098SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3251	3201	3226	3226	0.78	cps
Antimony	121-1	4209	4859	4543	4537	7.17	cps
Arsenic	75-2	180	156	139	158	12.96	cps
Barium	135-1	74936	73814	73938	74229	0.83	cps
Barium	137-1	132906	131005	129013	130974	1.49	cps
Beryllium	9-1	122	94	94	104	15.47	cps
Bismuth	209-1	13697154	13664477	13699181	13686937	0.14	cps
Bismuth	209-2	7477734	7494329	7475336	7482466	0.14	cps
Boron	10-1	1909	2200	2117	2075	7.24	cps
Boron	11-1	10279	10763	10554	10532	2.30	cps
Cadmium	111-1	3797	3990	3701	3829	3.84	cps
Cadmium	106-1	5401	5701	5285	5462	3.94	cps
Cadmium	108-1	13	38	33	28	48.22	cps
Calcium	43-1	283538	285395	280164	283032	0.94	cps
Calcium	44-1	4646005	4654629	4577838	4626157	0.91	cps
Chromium	52-2	1330	1490	1723	1515	13.06	cps
Cobalt	59-2	240	310	250	267	14.20	cps
Copper	63-2	930347	932324	935176	932616	0.26	cps
Dysprosium	156-1	83	50	100	78	32.74	cps
Dysprosium	156-2	43	23	33	33	30.00	cps
Erbium	164-1	125	142	150	139	9.16	cps
Erbium	164-2	43	57	63	54	18.71	cps
Gadolinium	160-1	250	158	208	206	22.33	cps
Gadolinium	160-2	80	60	80	73	15.75	cps
Holmium	165-1	19801562	19593397	19541792	19645584	0.70	cps
Holmium	165-2	9462636	9457799	9426593	9449009	0.21	cps
Indium	115-1	15628294	15641054	15646524	15638624	0.06	cps
Indium	115-2	2923876	2876594	2915759	2905410	0.87	cps
Iron	56-2	107788	108013	113464	109755	2.93	cps
Iron	57-2	2845	2923	2661	2810	4.77	cps
Lead	206-1	4106	4229	3978	4104	3.05	cps
Lead	207-1	3373	3506	3534	3471	2.48	cps
Lead	208-1	15793	16132	16449	16125	2.03	cps
Lithium	6-1	1845040	1836665	1797274	1826326	1.40	cps
Magnesium	24-2	520252	508814	515278	514782	1.11	cps
Manganese	55-2	26504	26912	26992	26802	0.98	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-19	Instrumnet Name :	P7
Client Sample ID :	DC32463-19-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:51:55	DataFile Name :	098SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	900	1017	817	911	11.03	cps
Molybdenum	95-1	558	542	517	539	3.89	cps
Molybdenum	96-1	583	717	917	739	22.71	cps
Molybdenum	97-1	358	358	492	403	19.11	cps
Molybdenum	98-1	892	775	1033	900	14.37	cps
Neodymium	150-1	73	80	100	84	16.43	cps
Neodymium	150-2	73	27	30	43	60.10	cps
Nickel	60-2	38253	36776	37304	37445	2.00	cps
Phosphorus	31-2	5318	5718	5334	5457	4.15	cps
Potassium	39-2	253783	251226	254039	253016	0.61	cps
Rhodium	103-1	14330719	14300903	14173638	14268420	0.58	cps
Rhodium	103-2	6580861	6582988	6621512	6595120	0.35	cps
Scandium	45-1	9161893	9107485	8975404	9081594	1.06	cps
Scandium	45-2	417897	417367	422326	419197	0.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	102	91	106	99	7.76	cps
Selenium	82-1	-36	80	-230	-62	-252.35	cps
Silicon	28-1	6571872	6574198	6533122	6559731	0.35	cps
Silver	109-1	208	242	167	206	18.28	cps
Silver	107-1	175	250	250	225	19.25	cps
Sodium	23-2	6637001	6626813	6695292	6653035	0.56	cps
Strontium	86-1	114276	112731	111967	112991	1.04	cps
Strontium	88-1	943662	950197	933669	942509	0.88	cps
Sulfur	34-1	820819	828177	828428	825808	0.52	cps
Terbium	159-1	20430381	20482641	20527245	20480089	0.24	cps
Terbium	159-2	9497737	9387653	9530655	9472015	0.79	cps
Thallium	203-1	383	283	342	336	14.95	cps
Thallium	205-1	792	775	683	750	7.78	cps
Tin	118-1	1517	1509	1408	1478	4.08	cps
Titanium	47-1	1467	1342	1225	1345	8.99	cps
Uranium	238-1	617	867	608	697	21.06	cps
Vanadium	51-2	210	183	187	193	7.51	cps
Yttrium	89-1	15507468	15450066	15433289	15463608	0.25	cps
Yttrium	89-2	2224331	2198393	2219970	2214232	0.63	cps
Zinc	66-2	201411	200870	203858	202046	0.79	cps
Zirconium	90-1	1934	1775	1892	1867	4.40	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-19	Instrumnet Name :	P7
Client Sample ID :	DC32463-19-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:51:55	DataFile Name :	098SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	333	392	364	8.04	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-20	Instrumnet Name :	P7
Client Sample ID :	DC32463-20-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:55:23	DataFile Name :	099SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1383	1684	1667	1578	10.70	cps
Antimony	121-1	1292	1233	1367	1297	5.15	cps
Arsenic	75-2	163	139	183	162	13.76	cps
Barium	135-1	68596	68963	66460	68006	1.99	cps
Barium	137-1	118386	119411	117553	118450	0.79	cps
Beryllium	9-1	61	72	106	80	29.05	cps
Bismuth	209-1	13708357	13626038	13594208	13642868	0.43	cps
Bismuth	209-2	7541716	7518463	7608490	7556223	0.62	cps
Boron	10-1	2134	1875	2009	2006	6.44	cps
Boron	11-1	10879	10287	10221	10462	3.47	cps
Cadmium	111-1	3675	3825	3824	3775	2.28	cps
Cadmium	106-1	5243	5435	5418	5365	1.98	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	283664	280334	276923	280307	1.20	cps
Calcium	44-1	4629534	4580307	4568472	4592771	0.71	cps
Chromium	52-2	1503	1513	1507	1508	0.34	cps
Cobalt	59-2	137	207	163	169	20.92	cps
Copper	63-2	96177	95741	97250	96389	0.81	cps
Dysprosium	156-1	142	100	100	114	21.12	cps
Dysprosium	156-2	60	70	33	54	34.82	cps
Erbium	164-1	150	142	192	161	16.63	cps
Erbium	164-2	53	80	73	69	20.15	cps
Gadolinium	160-1	192	192	175	186	5.17	cps
Gadolinium	160-2	110	103	107	107	3.12	cps
Holmium	165-1	19946539	19835999	19662519	19815019	0.72	cps
Holmium	165-2	9481265	9553361	9619919	9551515	0.73	cps
Indium	115-1	15861786	15691552	15669702	15741013	0.67	cps
Indium	115-2	2934988	2937007	2953018	2941671	0.34	cps
Iron	56-2	147768	154758	158039	153522	3.42	cps
Iron	57-2	3878	3545	3801	3741	4.66	cps
Lead	206-1	2723	2495	2650	2623	4.44	cps
Lead	207-1	2095	2156	2217	2156	2.84	cps
Lead	208-1	10269	10124	10502	10298	1.85	cps
Lithium	6-1	1842664	1802299	1808343	1817769	1.20	cps
Magnesium	24-2	513978	511181	516675	513945	0.53	cps
Manganese	55-2	26524	26878	26661	26688	0.67	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-20	Instrumnet Name :	P7
Client Sample ID :	DC32463-20-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:55:23	DataFile Name :	099SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	900	850	958	903	6.01	cps
Molybdenum	95-1	417	442	492	450	8.49	cps
Molybdenum	96-1	658	708	725	697	4.98	cps
Molybdenum	97-1	342	425	467	411	15.48	cps
Molybdenum	98-1	667	717	1000	795	22.63	cps
Neodymium	150-1	87	140	107	111	24.25	cps
Neodymium	150-2	27	37	50	38	30.98	cps
Nickel	60-2	1383	1370	1313	1356	2.74	cps
Phosphorus	31-2	6043	5993	6001	6013	0.45	cps
Potassium	39-2	259227	254336	260295	257953	1.23	cps
Rhodium	103-1	14375753	14064128	14208765	14216215	1.10	cps
Rhodium	103-2	6683091	6663079	6699993	6682054	0.28	cps
Scandium	45-1	9127159	9057739	9013304	9066067	0.63	cps
Scandium	45-2	427185	425452	429304	427314	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	87	130	109	19.55	cps
Selenium	82-1	104	-42	22	28	257.66	cps
Silicon	28-1	6472797	6457807	6363034	6431213	0.93	cps
Silver	109-1	183	142	208	178	18.94	cps
Silver	107-1	158	267	225	217	25.22	cps
Sodium	23-2	6782237	6613727	6719237	6705067	1.27	cps
Strontium	86-1	115007	111598	111868	112824	1.68	cps
Strontium	88-1	932580	927405	915120	925035	0.97	cps
Sulfur	34-1	802316	803933	807615	804622	0.34	cps
Terbium	159-1	20822153	20559422	20448910	20610162	0.93	cps
Terbium	159-2	9518069	9505228	9613049	9545449	0.62	cps
Thallium	203-1	150	175	317	214	42.02	cps
Thallium	205-1	550	567	675	597	11.36	cps
Tin	118-1	883	900	967	917	4.81	cps
Titanium	47-1	1217	1258	1325	1267	4.31	cps
Uranium	238-1	883	1042	858	928	10.73	cps
Vanadium	51-2	180	203	220	201	9.99	cps
Yttrium	89-1	15727402	15541435	15253567	15507468	1.54	cps
Yttrium	89-2	2236689	2242061	2252477	2243742	0.36	cps
Zinc	66-2	6118	5925	5898	5980	2.01	cps
Zirconium	90-1	1800	1800	1842	1814	1.33	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-20	Instrumnet Name :	P7
Client Sample ID :	DC32463-20-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:55:23	DataFile Name :	099SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	300	425	372	17.39	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-21	Instrumnet Name :	P7
Client Sample ID :	DC32463-21-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:58:51	DataFile Name :	100SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4851	5577	5476	5301	7.42	cps
Antimony	121-1	3551	3351	3501	3467	3.00	cps
Arsenic	75-2	174	178	135	162	14.53	cps
Barium	135-1	72908	71459	72640	72336	1.07	cps
Barium	137-1	127026	125581	125254	125954	0.75	cps
Beryllium	9-1	67	67	61	65	4.95	cps
Bismuth	209-1	13738345	13565069	13491176	13598196	0.93	cps
Bismuth	209-2	7586392	7545870	7577246	7569836	0.28	cps
Boron	10-1	1717	2109	2225	2017	13.20	cps
Boron	11-1	10187	10537	10604	10443	2.14	cps
Cadmium	111-1	3833	3834	3606	3758	3.50	cps
Cadmium	106-1	5451	5435	5143	5343	3.25	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	286210	285318	282133	284554	0.75	cps
Calcium	44-1	4743525	4663669	4658114	4688436	1.02	cps
Chromium	52-2	1540	1487	1427	1485	3.82	cps
Cobalt	59-2	317	340	343	333	4.36	cps
Copper	63-2	787688	790454	785729	787957	0.30	cps
Dysprosium	156-1	100	92	117	103	12.38	cps
Dysprosium	156-2	30	40	67	46	41.61	cps
Erbium	164-1	108	108	150	122	19.68	cps
Erbium	164-2	57	70	80	69	16.99	cps
Gadolinium	160-1	242	258	217	239	8.78	cps
Gadolinium	160-2	70	110	97	92	22.08	cps
Holmium	165-1	20057708	19748674	19768172	19858185	0.87	cps
Holmium	165-2	9554656	9603598	9470483	9542912	0.71	cps
Indium	115-1	15668538	15698211	15528462	15631737	0.58	cps
Indium	115-2	2946324	2954351	2947616	2949431	0.15	cps
Iron	56-2	137274	132975	131886	134045	2.13	cps
Iron	57-2	3273	3656	3701	3543	6.64	cps
Lead	206-1	3478	3545	3639	3554	2.28	cps
Lead	207-1	3284	3145	3145	3191	2.51	cps
Lead	208-1	14459	14176	14720	14452	1.89	cps
Lithium	6-1	1808961	1793403	1794486	1798950	0.48	cps
Magnesium	24-2	515976	517946	517630	517184	0.20	cps
Manganese	55-2	28885	29106	27833	28608	2.38	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-21	Instrumnet Name :	P7
Client Sample ID :	DC32463-21-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:58:51	DataFile Name :	100SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	775	975	792	847	13.10	cps
Molybdenum	95-1	592	542	558	564	4.52	cps
Molybdenum	96-1	650	658	650	653	0.74	cps
Molybdenum	97-1	342	325	317	328	3.88	cps
Molybdenum	98-1	767	933	792	831	10.82	cps
Neodymium	150-1	120	153	100	124	21.65	cps
Neodymium	150-2	23	17	33	24	34.31	cps
Nickel	60-2	58797	58818	59413	59009	0.59	cps
Phosphorus	31-2	5826	5860	5401	5696	4.49	cps
Potassium	39-2	258507	257760	260098	258788	0.46	cps
Rhodium	103-1	14304671	14197201	14187904	14229925	0.46	cps
Rhodium	103-2	6727322	6747681	6700585	6725196	0.35	cps
Scandium	45-1	9100382	9001375	9015178	9038978	0.59	cps
Scandium	45-2	422550	427018	426504	425357	0.57	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	102	111	126	113	10.75	cps
Selenium	82-1	266	-323	-257	-104	-309.09	cps
Silicon	28-1	6577073	6489243	6475315	6513877	0.85	cps
Silver	109-1	150	267	225	214	27.64	cps
Silver	107-1	183	225	225	211	11.40	cps
Sodium	23-2	6727712	6719720	6678651	6708694	0.39	cps
Strontium	86-1	114646	113873	111782	113434	1.31	cps
Strontium	88-1	953035	935628	936270	941645	1.05	cps
Sulfur	34-1	815231	820587	817229	817682	0.33	cps
Terbium	159-1	20357361	20409133	20352790	20373095	0.15	cps
Terbium	159-2	9547280	9463920	9462844	9491348	0.51	cps
Thallium	203-1	267	242	317	275	13.89	cps
Thallium	205-1	583	783	633	667	15.61	cps
Tin	118-1	1967	1967	2067	2000	2.89	cps
Titanium	47-1	1192	1342	1384	1306	7.72	cps
Uranium	238-1	858	767	842	822	5.94	cps
Vanadium	51-2	230	233	227	230	1.45	cps
Yttrium	89-1	15595927	15398860	15457592	15484126	0.65	cps
Yttrium	89-2	2240533	2246339	2240427	2242433	0.15	cps
Zinc	66-2	30459	30769	30121	30450	1.06	cps
Zirconium	90-1	1700	1692	1558	1650	4.82	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-21	Instrumnet Name :	P7
Client Sample ID :	DC32463-21-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 16:58:51	DataFile Name :	100SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	283	375	358	19.04	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-22	Instrumnet Name :	P7
Client Sample ID :	DC32463-22-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:02:19	DataFile Name :	101SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3626	3150	3944	3573	11.17	cps
Antimony	121-1	1433	1225	1458	1372	9.34	cps
Arsenic	75-2	154	200	146	167	17.46	cps
Barium	135-1	69919	67632	67590	68380	1.95	cps
Barium	137-1	120091	116284	117922	118099	1.62	cps
Beryllium	9-1	94	117	100	104	11.15	cps
Bismuth	209-1	13941387	13721871	13554602	13739286	1.41	cps
Bismuth	209-2	7610476	7695111	7659280	7654955	0.55	cps
Boron	10-1	2225	2050	2092	2122	4.31	cps
Boron	11-1	10287	10638	10913	10613	2.95	cps
Cadmium	111-1	4272	4161	3750	4061	6.77	cps
Cadmium	106-1	6077	5901	5326	5768	6.81	cps
Cadmium	108-1	21	17	4	14	62.43	cps
Calcium	43-1	284427	279289	276379	280032	1.46	cps
Calcium	44-1	4642084	4556630	4573618	4590777	0.99	cps
Chromium	52-2	1577	1557	1657	1597	3.31	cps
Cobalt	59-2	240	227	280	249	11.15	cps
Copper	63-2	177333	180430	178669	178811	0.87	cps
Dysprosium	156-1	92	108	108	103	9.36	cps
Dysprosium	156-2	73	47	60	60	22.22	cps
Erbium	164-1	125	158	167	150	14.70	cps
Erbium	164-2	93	63	87	81	19.43	cps
Gadolinium	160-1	225	233	242	233	3.57	cps
Gadolinium	160-2	70	157	83	103	45.16	cps
Holmium	165-1	20129454	19976203	19840018	19981891	0.72	cps
Holmium	165-2	9686788	9620439	9655241	9654156	0.34	cps
Indium	115-1	15901865	15863595	15632164	15799208	0.92	cps
Indium	115-2	2945848	2962210	2951953	2953337	0.28	cps
Iron	56-2	148151	156025	170443	158206	7.15	cps
Iron	57-2	3723	3778	3728	3743	0.82	cps
Lead	206-1	2873	2534	2617	2674	6.60	cps
Lead	207-1	2284	2211	2384	2293	3.77	cps
Lead	208-1	10830	10585	11136	10850	2.54	cps
Lithium	6-1	1841217	1823362	1791493	1818691	1.38	cps
Magnesium	24-2	514363	510492	512671	512509	0.38	cps
Manganese	55-2	26507	28850	26361	27239	5.13	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-22	Instrumnet Name :	P7
Client Sample ID :	DC32463-22-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:02:19	DataFile Name :	101SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	783	775	767	775	1.07	cps
Molybdenum	95-1	417	433	533	461	13.68	cps
Molybdenum	96-1	592	667	767	675	13.01	cps
Molybdenum	97-1	308	425	400	378	16.26	cps
Molybdenum	98-1	775	692	833	767	9.29	cps
Neodymium	150-1	100	127	113	113	11.77	cps
Neodymium	150-2	27	23	30	27	12.51	cps
Nickel	60-2	13850	14414	14507	14257	2.49	cps
Phosphorus	31-2	6177	6093	5651	5974	4.72	cps
Potassium	39-2	257506	260953	255929	258129	1.00	cps
Rhodium	103-1	14535422	14327386	14070784	14311197	1.63	cps
Rhodium	103-2	6656917	6763162	6686041	6702040	0.82	cps
Scandium	45-1	9230729	9071238	9053472	9118480	1.07	cps
Scandium	45-2	426831	424978	429298	427036	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	128	111	100	113	12.38	cps
Selenium	82-1	99	-83	6	8	1189.37	cps
Silicon	28-1	6728748	6639450	6407068	6591755	2.52	cps
Silver	109-1	117	125	183	142	25.64	cps
Silver	107-1	200	242	317	253	23.39	cps
Sodium	23-2	6686901	6701533	6669393	6685943	0.24	cps
Strontium	86-1	113361	111917	112665	112647	0.64	cps
Strontium	88-1	937501	932130	917045	928892	1.14	cps
Sulfur	34-1	841780	834888	825434	834034	0.98	cps
Terbium	159-1	20814696	20558623	20192903	20522074	1.52	cps
Terbium	159-2	9699283	9561908	9618543	9626578	0.72	cps
Thallium	203-1	258	225	283	256	11.45	cps
Thallium	205-1	725	633	775	711	10.10	cps
Tin	118-1	1058	1050	1167	1092	5.96	cps
Titanium	47-1	1400	1459	1375	1411	3.03	cps
Uranium	238-1	925	817	833	858	6.80	cps
Vanadium	51-2	237	213	273	241	12.54	cps
Yttrium	89-1	15666906	15430804	15562423	15553378	0.76	cps
Yttrium	89-2	2251164	2259279	2249112	2253185	0.24	cps
Zinc	66-2	7199	7235	7235	7223	0.29	cps
Zirconium	90-1	1617	1617	1967	1734	11.66	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-22	Instrumnet Name :	P7
Client Sample ID :	DC32463-22-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:02:19	DataFile Name :	101SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	400	367	408	11.36	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:05:47	DataFile Name :	102CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1390369	1395986	1405422	1397259	0.54	cps
Antimony	121-1	8075174	7880462	7875071	7943569	1.44	cps
Arsenic	75-2	277152	275541	276178	276291	0.29	cps
Barium	135-1	9613146	9359776	9391887	9454937	1.46	cps
Barium	137-1	16637580	16285260	16237483	16386774	1.33	cps
Beryllium	9-1	1384878	1355295	1365786	1368653	1.10	cps
Bismuth	209-1	12792641	12332038	12367786	12497489	2.05	cps
Bismuth	209-2	7005670	6760159	6802454	6856094	1.91	cps
Boron	10-1	171586	166211	169082	168960	1.59	cps
Boron	11-1	866161	850728	850201	855697	1.06	cps
Cadmium	111-1	1982079	1945161	1961269	1962836	0.94	cps
Cadmium	106-1	229520	222411	223342	225091	1.72	cps
Cadmium	108-1	148438	145863	143392	145897	1.73	cps
Calcium	43-1	2124903	2097756	2087832	2103497	0.91	cps
Calcium	44-1	34609706	34239587	33858976	34236090	1.10	cps
Chromium	52-2	2361729	2344931	2376066	2360909	0.66	cps
Cobalt	59-2	3848049	3840553	3869587	3852729	0.39	cps
Copper	63-2	5246551	5246254	5290932	5261245	0.49	cps
Dysprosium	156-1	183	200	175	186	6.84	cps
Dysprosium	156-2	20	27	50	32	48.88	cps
Erbium	164-1	83	92	133	103	26.06	cps
Erbium	164-2	40	50	37	42	16.43	cps
Gadolinium	160-1	175	58	133	122	48.37	cps
Gadolinium	160-2	47	100	50	66	45.57	cps
Holmium	165-1	18687052	18593433	18541141	18607209	0.40	cps
Holmium	165-2	9154112	9087775	9132286	9124725	0.37	cps
Indium	115-1	14625059	14403362	14399967	14476129	0.89	cps
Indium	115-2	2743894	2750738	2777032	2757221	0.63	cps
Iron	56-2	103836702	102207677	103146502	103063627	0.79	cps
Iron	57-2	2494344	2481367	2494909	2490207	0.31	cps
Lead	206-1	6390465	6275527	6201566	6289186	1.51	cps
Lead	207-1	5788456	5657022	5631601	5692360	1.48	cps
Lead	208-1	26450848	25730620	25753480	25978316	1.58	cps
Lithium	6-1	1716283	1659938	1673357	1683193	1.75	cps
Magnesium	24-2	16984650	16966134	16960944	16970576	0.07	cps
Manganese	55-2	2695623	2685360	2702479	2694487	0.32	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:05:47	DataFile Name :	102CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7030129	6873278	6917221	6940209	1.17	cps
Molybdenum	95-1	3689068	3631480	3607864	3642804	1.15	cps
Molybdenum	96-1	4773442	4699180	4681120	4717914	1.04	cps
Molybdenum	97-1	2335139	2272663	2267143	2291648	1.65	cps
Molybdenum	98-1	6164237	6022645	6000051	6062311	1.47	cps
Neodymium	150-1	647	787	660	698	11.07	cps
Neodymium	150-2	63	53	60	59	8.65	cps
Nickel	60-2	1018237	1014280	1019472	1017330	0.27	cps
Phosphorus	31-2	81866	80718	80819	81134	0.78	cps
Potassium	39-2	8603774	8537453	8569329	8570186	0.39	cps
Rhodium	103-1	13191015	12839460	12987068	13005848	1.36	cps
Rhodium	103-2	6119097	6137149	6272557	6176268	1.36	cps
Scandium	45-1	8604136	8412419	8480276	8498944	1.14	cps
Scandium	45-2	408832	406294	411296	408807	0.61	cps
Selenium	77-2	5768	5484	6021	5758	4.66	cps
Selenium	78-2	19072	19530	19187	19263	1.24	cps
Selenium	82-1	121251	119954	118453	119886	1.17	cps
Silicon	28-1	4666361	4652604	4649199	4656055	0.20	cps
Silver	109-1	9566819	9342496	9284561	9397958	1.59	cps
Silver	107-1	9847841	9747072	9728341	9774418	0.66	cps
Sodium	23-2	33620028	33495323	33557854	33557735	0.19	cps
Strontium	86-1	2453102	2389632	2374846	2405860	1.73	cps
Strontium	88-1	21555325	20959826	20688944	21068032	2.10	cps
Sulfur	34-1	1398116	1390045	1386464	1391542	0.43	cps
Terbium	159-1	19613684	19037571	19350864	19334040	1.49	cps
Terbium	159-2	9203265	9114090	8999988	9105781	1.12	cps
Thallium	203-1	8262446	8102377	8018894	8127906	1.52	cps
Thallium	205-1	19617902	19045709	18982727	19215446	1.82	cps
Tin	118-1	6643376	6465237	6456081	6521565	1.62	cps
Titanium	47-1	1044567	1024562	1023650	1030926	1.15	cps
Uranium	238-1	27052826	26158419	26339976	26517074	1.78	cps
Vanadium	51-2	1935145	1926708	1947122	1936325	0.53	cps
Yttrium	89-1	14856754	14509537	14402278	14589523	1.63	cps
Yttrium	89-2	2134542	2138627	2157072	2143414	0.56	cps
Zinc	66-2	773283	771286	777879	774149	0.44	cps
Zirconium	90-1	13251381	12955103	12946306	13050930	1.33	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:05:47	DataFile Name :	102CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2898911	2847630	2835067	2860536	1.18	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:09:10	DataFile Name :	103CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	108	108	7.69	cps
Antimony	121-1	23312	27687	32455	27818	16.44	cps
Arsenic	75-2	315	333	346	331	4.77	cps
Barium	135-1	283	192	283	253	20.94	cps
Barium	137-1	725	392	433	517	35.15	cps
Beryllium	9-1	206	239	211	219	8.17	cps
Bismuth	209-1	13212694	13122044	13011949	13115562	0.77	cps
Bismuth	209-2	7450166	7466486	7385593	7434081	0.58	cps
Boron	10-1	3367	3526	3159	3351	5.49	cps
Boron	11-1	17911	17344	15717	16991	6.70	cps
Cadmium	111-1	3853	4071	3748	3890	4.23	cps
Cadmium	106-1	5385	5685	5276	5448	3.88	cps
Cadmium	108-1	17	13	42	24	66.81	cps
Calcium	43-1	250	333	308	297	14.39	cps
Calcium	44-1	12965	13131	12965	13020	0.74	cps
Chromium	52-2	1577	1227	1377	1393	12.60	cps
Cobalt	59-2	167	167	163	166	1.16	cps
Copper	63-2	5208	5204	5184	5199	0.24	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	27	33	20	27	24.99	cps
Gadolinium	160-1	142	100	100	114	21.12	cps
Gadolinium	160-2	40	33	57	43	27.74	cps
Holmium	165-1	18892808	19047658	18702149	18880872	0.92	cps
Holmium	165-2	9286572	9389427	9349021	9341673	0.55	cps
Indium	115-1	14958908	15163837	15016629	15046458	0.70	cps
Indium	115-2	2869455	2862077	2867733	2866422	0.13	cps
Iron	56-2	10554	10738	10832	10708	1.32	cps
Iron	57-2	278	211	228	239	14.52	cps
Lead	206-1	2206	2128	2300	2211	3.90	cps
Lead	207-1	1922	2089	2034	2015	4.21	cps
Lead	208-1	8913	8779	8757	8816	0.95	cps
Lithium	6-1	1739771	1731324	1709316	1726804	0.91	cps
Magnesium	24-2	483	483	308	425	23.77	cps
Manganese	55-2	150	130	120	133	11.46	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:09:10	DataFile Name :	103CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3242	3659	4968	3956	22.76	cps
Molybdenum	95-1	4034	5301	7111	5482	28.20	cps
Molybdenum	96-1	5001	6160	7586	6249	20.72	cps
Molybdenum	97-1	2609	3334	4459	3467	26.89	cps
Molybdenum	98-1	6643	8153	10796	8531	24.64	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	243	320	323	296	15.31	cps
Phosphorus	31-2	217	175	225	206	13.03	cps
Potassium	39-2	48974	49124	48965	49021	0.18	cps
Rhodium	103-1	13811140	13683947	13713421	13736169	0.48	cps
Rhodium	103-2	6601032	6571675	6564131	6578946	0.30	cps
Scandium	45-1	8639742	8674731	8682122	8665532	0.26	cps
Scandium	45-2	416081	411608	413200	413630	0.55	cps
Selenium	77-2	3	3	20	9	108.30	cps
Selenium	78-2	124	109	104	112	9.37	cps
Selenium	82-1	237	-26	172	128	107.41	cps
Silicon	28-1	449070	444102	451581	448251	0.85	cps
Silver	109-1	450	617	433	500	20.28	cps
Silver	107-1	742	650	417	603	27.80	cps
Sodium	23-2	37414	36947	35660	36674	2.48	cps
Strontium	86-1	5893	5451	5751	5699	3.96	cps
Strontium	88-1	1083	975	975	1011	6.19	cps
Sulfur	34-1	699078	702948	699093	700373	0.32	cps
Terbium	159-1	19842784	19731008	19683264	19752352	0.41	cps
Terbium	159-2	9376965	9302407	9392969	9357447	0.52	cps
Thallium	203-1	2192	1825	1884	1967	10.02	cps
Thallium	205-1	4993	4601	4393	4662	6.54	cps
Tin	118-1	4184	4826	5009	4673	9.27	cps
Titanium	47-1	183	242	150	192	24.21	cps
Uranium	238-1	1008	833	908	917	9.58	cps
Vanadium	51-2	57	60	63	60	5.56	cps
Yttrium	89-1	14961902	14852716	14638429	14817683	1.11	cps
Yttrium	89-2	2191684	2191561	2190228	2191158	0.04	cps
Zinc	66-2	167	150	183	167	10.00	cps
Zirconium	90-1	2084	2159	2259	2167	4.05	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:09:10	DataFile Name :	103CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	458	492	464	5.49	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-23	Instrumnet Name :	P7
Client Sample ID :	DC32463-23-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:12:40	DataFile Name :	104SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3817	3334	3667	3606	6.86	cps
Antimony	121-1	9520	10554	11222	10432	8.22	cps
Arsenic	75-2	202	259	213	225	13.55	cps
Barium	135-1	71316	68888	70403	70203	1.75	cps
Barium	137-1	123564	120773	120124	121487	1.50	cps
Beryllium	9-1	144	172	122	146	17.12	cps
Bismuth	209-1	14168667	13857617	13601370	13875885	2.05	cps
Bismuth	209-2	7663969	7759902	7588164	7670678	1.12	cps
Boron	10-1	3250	3250	3100	3200	2.71	cps
Boron	11-1	16693	15609	15584	15962	3.97	cps
Cadmium	111-1	3891	4204	3985	4027	3.99	cps
Cadmium	106-1	5510	5977	5660	5715	4.17	cps
Cadmium	108-1	46	42	50	46	9.09	cps
Calcium	43-1	286583	284318	282823	284574	0.67	cps
Calcium	44-1	4742771	4671868	4615360	4676666	1.37	cps
Chromium	52-2	1477	1520	1470	1489	1.82	cps
Cobalt	59-2	260	280	267	269	3.79	cps
Copper	63-2	1790716	1790405	1782156	1787759	0.27	cps
Dysprosium	156-1	50	150	67	89	60.28	cps
Dysprosium	156-2	57	33	23	38	45.29	cps
Erbium	164-1	183	158	158	167	8.66	cps
Erbium	164-2	53	80	87	73	24.06	cps
Gadolinium	160-1	208	250	242	233	9.45	cps
Gadolinium	160-2	123	127	87	112	19.78	cps
Holmium	165-1	20164251	20073975	19751916	19996714	1.08	cps
Holmium	165-2	9688822	9690495	9679588	9686302	0.06	cps
Indium	115-1	16227653	16072922	15728314	16009630	1.60	cps
Indium	115-2	3009571	2970954	2992223	2990916	0.65	cps
Iron	56-2	98950	92985	95828	95921	3.11	cps
Iron	57-2	2656	2784	2473	2637	5.93	cps
Lead	206-1	13413	13168	12818	13133	2.28	cps
Lead	207-1	11722	11472	11077	11424	2.85	cps
Lead	208-1	54133	52681	51502	52772	2.50	cps
Lithium	6-1	1849694	1822214	1815286	1829065	0.99	cps
Magnesium	24-2	533736	532366	532486	532863	0.14	cps
Manganese	55-2	27469	27165	27386	27340	0.57	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-23	Instrumnet Name :	P7
Client Sample ID :	DC32463-23-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:12:40	DataFile Name :	104SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2992	3167	3226	3128	3.88	cps
Molybdenum	95-1	1592	1809	2317	1906	19.53	cps
Molybdenum	96-1	1834	2492	2609	2311	18.08	cps
Molybdenum	97-1	1025	1125	1475	1208	19.56	cps
Molybdenum	98-1	2367	2800	3817	2995	24.86	cps
Neodymium	150-1	87	53	67	69	24.35	cps
Neodymium	150-2	37	27	40	34	20.14	cps
Nickel	60-2	1123	1100	1080	1101	1.97	cps
Phosphorus	31-2	5585	6060	5926	5857	4.19	cps
Potassium	39-2	264941	265035	264849	264942	0.04	cps
Rhodium	103-1	14748780	14243663	14343794	14445412	1.85	cps
Rhodium	103-2	6855667	6784321	6815455	6818481	0.52	cps
Scandium	45-1	9391847	9171010	9103934	9222264	1.63	cps
Scandium	45-2	431401	433849	430877	432042	0.37	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	106	111	93	103	9.22	cps
Selenium	82-1	259	-103	1	52	356.12	cps
Silicon	28-1	6882545	6662696	6627198	6724146	2.06	cps
Silver	109-1	350	392	367	369	5.68	cps
Silver	107-1	350	292	392	344	14.58	cps
Sodium	23-2	6826448	6816728	6817295	6820157	0.08	cps
Strontium	86-1	116940	113337	112723	114333	1.99	cps
Strontium	88-1	960563	940143	932721	944476	1.53	cps
Sulfur	34-1	832628	824848	809607	822361	1.42	cps
Terbium	159-1	21057422	20739668	20575732	20790941	1.18	cps
Terbium	159-2	9696575	9684200	9734731	9705169	0.27	cps
Thallium	203-1	742	792	767	767	3.26	cps
Thallium	205-1	2100	1992	1884	1992	5.44	cps
Tin	118-1	3501	3084	3376	3320	6.44	cps
Titanium	47-1	1542	1258	1492	1431	10.57	cps
Uranium	238-1	825	758	633	739	13.17	cps
Vanadium	51-2	187	220	270	226	18.60	cps
Yttrium	89-1	15969980	15716388	15668420	15784929	1.03	cps
Yttrium	89-2	2270603	2279900	2274974	2275159	0.20	cps
Zinc	66-2	129518	128751	127672	128647	0.72	cps
Zirconium	90-1	5643	5485	6268	5799	7.15	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-23	Instrumnet Name :	P7
Client Sample ID :	DC32463-23-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:12:40	DataFile Name :	104SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1075	1442	1458	1325	16.35	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-24	Instrumnet Name :	P7
Client Sample ID :	DC32463-24-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:16:08	DataFile Name :	105SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3901	3760	3334	3665	8.05	cps
Antimony	121-1	3984	3767	4743	4165	12.30	cps
Arsenic	75-2	191	254	239	228	14.45	cps
Barium	135-1	71083	68243	68302	69209	2.34	cps
Barium	137-1	123665	120327	119024	121005	1.98	cps
Beryllium	9-1	128	117	78	107	24.44	cps
Bismuth	209-1	13842654	13823699	13564000	13743451	1.13	cps
Bismuth	209-2	7591166	7608458	7603906	7601176	0.12	cps
Boron	10-1	2834	2884	3000	2906	2.94	cps
Boron	11-1	13373	13657	13782	13604	1.54	cps
Cadmium	111-1	4215	3842	4030	4029	4.64	cps
Cadmium	106-1	5985	5468	5735	5729	4.51	cps
Cadmium	108-1	17	33	25	25	33.32	cps
Calcium	43-1	284516	283630	278508	282218	1.15	cps
Calcium	44-1	4728859	4639771	4638104	4668911	1.11	cps
Chromium	52-2	1503	1613	1523	1547	3.79	cps
Cobalt	59-2	290	283	197	257	20.29	cps
Copper	63-2	413251	413325	411205	412593	0.29	cps
Dysprosium	156-1	83	100	117	100	16.66	cps
Dysprosium	156-2	47	47	67	53	21.65	cps
Erbium	164-1	175	200	200	192	7.53	cps
Erbium	164-2	87	60	80	76	18.37	cps
Gadolinium	160-1	250	183	225	219	15.35	cps
Gadolinium	160-2	117	133	127	126	6.68	cps
Holmium	165-1	19958483	20114706	19851232	19974807	0.66	cps
Holmium	165-2	9535644	9653071	9683532	9624083	0.81	cps
Indium	115-1	15990655	15985855	15749952	15908821	0.86	cps
Indium	115-2	2954665	2972413	2951146	2959408	0.39	cps
Iron	56-2	283814	326363	282884	297687	8.34	cps
Iron	57-2	7052	7285	7035	7124	1.96	cps
Lead	206-1	4957	5101	4973	5010	1.58	cps
Lead	207-1	4145	4406	4001	4184	4.91	cps
Lead	208-1	19851	19906	19223	19660	1.93	cps
Lithium	6-1	1845282	1821792	1817915	1828330	0.81	cps
Magnesium	24-2	518389	520495	510787	516557	0.99	cps
Manganese	55-2	35593	35453	36108	35718	0.97	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-24	Instrumnet Name :	P7
Client Sample ID :	DC32463-24-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:16:08	DataFile Name :	105SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1492	1859	2000	1784	14.71	cps
Molybdenum	95-1	833	1125	1408	1122	25.62	cps
Molybdenum	96-1	1200	1358	1592	1383	14.24	cps
Molybdenum	97-1	750	775	925	817	11.59	cps
Molybdenum	98-1	1558	1934	2284	1925	18.84	cps
Neodymium	150-1	200	153	93	149	35.91	cps
Neodymium	150-2	57	47	47	50	11.55	cps
Nickel	60-2	873	770	663	769	13.66	cps
Phosphorus	31-2	5793	5910	5410	5704	4.59	cps
Potassium	39-2	260126	261368	259251	260249	0.41	cps
Rhodium	103-1	14645460	14452964	14436772	14511732	0.80	cps
Rhodium	103-2	6803030	6840216	6759007	6800751	0.60	cps
Scandium	45-1	9294139	9133390	9175803	9201111	0.91	cps
Scandium	45-2	427756	427499	427506	427587	0.03	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	120	106	89	105	15.01	cps
Selenium	82-1	108	65	-61	37	237.09	cps
Silicon	28-1	6730734	6616627	6627609	6658324	0.95	cps
Silver	109-1	167	317	292	258	31.11	cps
Silver	107-1	267	408	417	364	23.17	cps
Sodium	23-2	6678126	6702506	6702632	6694421	0.21	cps
Strontium	86-1	113622	113857	111211	112897	1.30	cps
Strontium	88-1	946935	940203	930699	939279	0.87	cps
Sulfur	34-1	827800	826841	819542	824728	0.55	cps
Terbium	159-1	21176632	20632808	20873581	20894340	1.30	cps
Terbium	159-2	9500800	9765229	9571674	9612568	1.42	cps
Thallium	203-1	583	525	567	558	5.38	cps
Thallium	205-1	1283	1283	1025	1197	12.46	cps
Tin	118-1	20282	20157	20407	20282	0.62	cps
Titanium	47-1	1817	1467	1367	1550	15.25	cps
Uranium	238-1	1108	1033	950	1031	7.69	cps
Vanadium	51-2	250	243	253	249	2.05	cps
Yttrium	89-1	15700691	15634597	15408496	15581261	0.98	cps
Yttrium	89-2	2258018	2265343	2259634	2260998	0.17	cps
Zinc	66-2	6685	6912	6748	6782	1.73	cps
Zirconium	90-1	3092	3050	3684	3276	10.82	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-24	Instrumnet Name :	P7
Client Sample ID :	DC32463-24-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:16:08	DataFile Name :	105SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	825	850	708	795	9.52	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-25	Instrumnet Name :	P7
Client Sample ID :	DC32463-25-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:19:37	DataFile Name :	106SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6735	6869	7171	6925	3.22	cps
Antimony	121-1	4434	4368	4784	4529	4.94	cps
Arsenic	75-2	193	215	198	202	5.73	cps
Barium	135-1	68745	67807	68369	68307	0.69	cps
Barium	137-1	121470	120283	118620	120124	1.19	cps
Beryllium	9-1	133	122	117	124	6.84	cps
Bismuth	209-1	13798122	13750949	13693002	13747358	0.38	cps
Bismuth	209-2	7732794	7791766	7603594	7709385	1.25	cps
Boron	10-1	2692	2109	2542	2448	12.38	cps
Boron	11-1	12289	12364	12089	12247	1.16	cps
Cadmium	111-1	3873	3839	4195	3969	4.95	cps
Cadmium	106-1	5451	5451	5926	5610	4.89	cps
Cadmium	108-1	25	50	17	31	56.77	cps
Calcium	43-1	281545	278329	278264	279379	0.67	cps
Calcium	44-1	4634327	4682633	4597034	4637998	0.93	cps
Chromium	52-2	1510	1460	1593	1521	4.43	cps
Cobalt	59-2	320	287	313	307	5.75	cps
Copper	63-2	2085504	2078078	2074066	2079216	0.28	cps
Dysprosium	156-1	75	100	92	89	14.33	cps
Dysprosium	156-2	37	37	20	31	30.93	cps
Erbium	164-1	133	150	158	147	8.65	cps
Erbium	164-2	37	63	30	43	40.70	cps
Gadolinium	160-1	225	225	200	217	6.66	cps
Gadolinium	160-2	133	100	93	109	19.68	cps
Holmium	165-1	20153613	20096063	20064902	20104859	0.22	cps
Holmium	165-2	9831014	9777528	9649469	9752670	0.96	cps
Indium	115-1	15954849	16043268	15840980	15946366	0.64	cps
Indium	115-2	3020654	2991207	2999995	3003952	0.50	cps
Iron	56-2	98267	97624	99284	98392	0.85	cps
Iron	57-2	2767	2673	2611	2684	2.92	cps
Lead	206-1	17501	17262	17868	17543	1.74	cps
Lead	207-1	15298	15354	14853	15168	1.81	cps
Lead	208-1	69784	69773	69489	69682	0.24	cps
Lithium	6-1	1835075	1833992	1826081	1831716	0.27	cps
Magnesium	24-2	530263	527873	523849	527328	0.61	cps
Manganese	55-2	29003	28254	27539	28265	2.59	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-25	Instrumnet Name :	P7
Client Sample ID :	DC32463-25-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:19:37	DataFile Name :	106SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1325	1433	1400	1386	4.00	cps
Molybdenum	95-1	667	842	1092	867	24.65	cps
Molybdenum	96-1	900	1158	1325	1128	18.99	cps
Molybdenum	97-1	475	542	650	556	15.90	cps
Molybdenum	98-1	1192	1525	1450	1389	12.59	cps
Neodymium	150-1	93	73	127	98	27.55	cps
Neodymium	150-2	43	47	27	39	27.55	cps
Nickel	60-2	1143	1267	1257	1222	5.60	cps
Phosphorus	31-2	5776	6151	5560	5829	5.14	cps
Potassium	39-2	265494	260422	262517	262811	0.97	cps
Rhodium	103-1	14511031	14440685	14400786	14450834	0.39	cps
Rhodium	103-2	6881222	6806001	6847108	6844777	0.55	cps
Scandium	45-1	9245404	9144974	9096724	9162367	0.83	cps
Scandium	45-2	438067	432591	433103	434587	0.70	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	96	76	100	91	14.28	cps
Selenium	82-1	67	130	119	105	32.39	cps
Silicon	28-1	6616639	6582674	6474712	6558009	1.13	cps
Silver	109-1	225	142	233	200	25.35	cps
Silver	107-1	350	400	317	356	11.80	cps
Sodium	23-2	6850275	6862289	6816070	6842878	0.35	cps
Strontium	86-1	112446	113428	114060	113311	0.72	cps
Strontium	88-1	938226	932503	943234	937988	0.57	cps
Sulfur	34-1	837797	829379	834867	834015	0.51	cps
Terbium	159-1	20845531	20780068	20683814	20769804	0.39	cps
Terbium	159-2	9743810	9791799	9678085	9737898	0.59	cps
Thallium	203-1	517	442	442	467	9.28	cps
Thallium	205-1	1050	1225	967	1081	12.20	cps
Tin	118-1	2792	2834	3201	2942	7.64	cps
Titanium	47-1	1267	1475	1425	1389	7.84	cps
Uranium	238-1	642	708	608	653	7.80	cps
Vanadium	51-2	203	223	203	210	5.50	cps
Yttrium	89-1	15705249	15717833	15807892	15743658	0.36	cps
Yttrium	89-2	2304410	2288950	2291698	2295019	0.36	cps
Zinc	66-2	294938	294326	294588	294617	0.10	cps
Zirconium	90-1	2359	2867	2342	2523	11.83	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-25	Instrumnet Name :	P7
Client Sample ID :	DC32463-25-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:19:37	DataFile Name :	106SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	425	608	508	18.26	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-26	Instrumnet Name :	P7
Client Sample ID :	DC32463-26-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:23:05	DataFile Name :	107SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16134	16869	16093	16366	2.67	cps
Antimony	121-1	2150	2050	2109	2103	2.39	cps
Arsenic	75-2	178	148	198	175	14.39	cps
Barium	135-1	70554	67983	68829	69122	1.90	cps
Barium	137-1	120436	117629	119142	119069	1.18	cps
Beryllium	9-1	94	117	133	115	16.99	cps
Bismuth	209-1	13835419	13727768	13691797	13751661	0.54	cps
Bismuth	209-2	7619886	7683044	7608390	7637107	0.53	cps
Boron	10-1	2350	2209	2434	2331	4.88	cps
Boron	11-1	11855	11922	12297	12025	1.98	cps
Cadmium	111-1	4019	3958	3629	3869	5.43	cps
Cadmium	106-1	5726	5610	5160	5499	5.44	cps
Cadmium	108-1	21	21	29	24	20.39	cps
Calcium	43-1	294786	287188	286091	289355	1.64	cps
Calcium	44-1	4774464	4687061	4694051	4718525	1.03	cps
Chromium	52-2	1307	1423	1573	1435	9.32	cps
Cobalt	59-2	377	337	420	378	11.03	cps
Copper	63-2	227875	227177	228454	227836	0.28	cps
Dysprosium	156-1	133	92	125	117	18.90	cps
Dysprosium	156-2	40	43	50	44	11.46	cps
Erbium	164-1	183	175	117	158	22.94	cps
Erbium	164-2	40	83	97	73	40.40	cps
Gadolinium	160-1	267	175	258	233	21.72	cps
Gadolinium	160-2	110	150	137	132	15.40	cps
Holmium	165-1	19947012	20016775	19888629	19950805	0.32	cps
Holmium	165-2	9594533	9738985	9627809	9653776	0.78	cps
Indium	115-1	15802193	15906098	15617182	15775158	0.93	cps
Indium	115-2	3001446	2997777	2977758	2992327	0.43	cps
Iron	56-2	213382	217576	204953	211970	3.03	cps
Iron	57-2	5062	5051	5457	5190	4.45	cps
Lead	206-1	3795	3890	3812	3832	1.32	cps
Lead	207-1	3523	3528	3489	3514	0.60	cps
Lead	208-1	15548	15376	15248	15391	0.98	cps
Lithium	6-1	1829352	1828953	1807573	1821959	0.68	cps
Magnesium	24-2	520598	520767	523094	521486	0.27	cps
Manganese	55-2	32847	33017	32095	32653	1.50	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-26	Instrumnet Name :	P7
Client Sample ID :	DC32463-26-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:23:05	DataFile Name :	107SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1183	1017	1267	1156	11.02	cps
Molybdenum	95-1	767	692	967	808	17.59	cps
Molybdenum	96-1	917	975	842	911	7.34	cps
Molybdenum	97-1	392	433	450	425	7.07	cps
Molybdenum	98-1	1050	1025	1558	1211	24.85	cps
Neodymium	150-1	93	73	153	107	39.03	cps
Neodymium	150-2	70	60	37	56	30.79	cps
Nickel	60-2	813	780	917	837	8.52	cps
Phosphorus	31-2	6385	6302	6177	6288	1.67	cps
Potassium	39-2	264723	261720	262828	263090	0.58	cps
Rhodium	103-1	14611390	14418416	14309672	14446493	1.06	cps
Rhodium	103-2	6937341	6831628	6817738	6862236	0.95	cps
Scandium	45-1	9363204	9121996	9159533	9214911	1.41	cps
Scandium	45-2	432492	431564	428597	430884	0.47	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	100	98	102	100	1.85	cps
Selenium	82-1	44	-227	-167	-117	-121.84	cps
Silicon	28-1	6920340	6631803	6556529	6702891	2.87	cps
Silver	109-1	175	167	200	181	9.61	cps
Silver	107-1	300	200	350	283	26.96	cps
Sodium	23-2	6852206	6820619	6793076	6821967	0.43	cps
Strontium	86-1	115151	112555	111967	113224	1.50	cps
Strontium	88-1	940548	943079	938775	940801	0.23	cps
Sulfur	34-1	822727	821250	813525	819167	0.60	cps
Terbium	159-1	21242751	20902972	20671397	20939040	1.37	cps
Terbium	159-2	9748660	9616711	9680116	9681829	0.68	cps
Thallium	203-1	358	383	308	350	10.91	cps
Thallium	205-1	950	950	875	925	4.68	cps
Tin	118-1	5268	5718	5443	5476	4.14	cps
Titanium	47-1	1384	1367	1475	1408	4.14	cps
Uranium	238-1	958	925	733	872	13.92	cps
Vanadium	51-2	250	307	257	271	11.42	cps
Yttrium	89-1	15722632	15760415	15616134	15699727	0.48	cps
Yttrium	89-2	2285281	2283363	2268437	2279027	0.40	cps
Zinc	66-2	5374	5154	5234	5254	2.12	cps
Zirconium	90-1	2292	1925	2259	2159	9.39	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-26	Instrumnet Name :	P7
Client Sample ID :	DC32463-26-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:23:05	DataFile Name :	107SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	483	483	519	12.04	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-27	Instrumnet Name :	P7
Client Sample ID :	DC32463-27-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:26:33	DataFile Name :	108SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6035	5760	6193	5996	3.66	cps
Antimony	121-1	2625	3084	3134	2948	9.51	cps
Arsenic	75-2	143	178	152	157	11.59	cps
Barium	135-1	70689	68244	68160	69031	2.08	cps
Barium	137-1	123184	120579	118385	120716	1.99	cps
Beryllium	9-1	89	83	78	83	6.67	cps
Bismuth	209-1	14076236	13882924	13760482	13906547	1.14	cps
Bismuth	209-2	7469198	7405394	7602481	7492358	1.34	cps
Boron	10-1	2292	2292	2275	2286	0.42	cps
Boron	11-1	11480	11363	11430	11424	0.51	cps
Cadmium	111-1	4236	4056	4027	4106	2.76	cps
Cadmium	106-1	5968	5710	5693	5790	2.66	cps
Cadmium	108-1	42	46	42	43	5.58	cps
Calcium	43-1	288168	282046	282625	284280	1.19	cps
Calcium	44-1	4769152	4723086	4675486	4722575	0.99	cps
Chromium	52-2	1380	1283	1563	1409	10.10	cps
Cobalt	59-2	270	243	283	266	7.67	cps
Copper	63-2	1772346	1793671	1811470	1792495	1.09	cps
Dysprosium	156-1	125	108	158	131	19.50	cps
Dysprosium	156-2	53	37	50	47	18.89	cps
Erbium	164-1	117	125	150	131	13.29	cps
Erbium	164-2	87	63	57	69	22.87	cps
Gadolinium	160-1	233	142	250	208	28.00	cps
Gadolinium	160-2	70	60	77	69	12.18	cps
Holmium	165-1	20355227	20208887	20149931	20238015	0.52	cps
Holmium	165-2	9294177	9478022	9489946	9420715	1.16	cps
Indium	115-1	16099929	15969172	15970909	16013337	0.47	cps
Indium	115-2	2900298	2905101	2952024	2919141	0.98	cps
Iron	56-2	95426	99606	96362	97132	2.26	cps
Iron	57-2	2350	2973	2428	2584	13.13	cps
Lead	206-1	16538	16144	16255	16312	1.25	cps
Lead	207-1	13468	13613	13535	13539	0.53	cps
Lead	208-1	63645	62909	63038	63197	0.62	cps
Lithium	6-1	1865081	1846314	1817059	1842818	1.31	cps
Magnesium	24-2	511287	514216	520355	515286	0.90	cps
Manganese	55-2	28077	28277	29119	28491	1.94	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-27	Instrumnet Name :	P7
Client Sample ID :	DC32463-27-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:26:33	DataFile Name :	108SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1108	1175	1275	1186	7.07	cps
Molybdenum	95-1	542	558	658	586	10.77	cps
Molybdenum	96-1	833	883	892	870	3.63	cps
Molybdenum	97-1	417	483	583	494	16.97	cps
Molybdenum	98-1	933	1117	1317	1122	17.09	cps
Neodymium	150-1	100	107	113	107	6.25	cps
Neodymium	150-2	33	57	17	36	56.51	cps
Nickel	60-2	1360	1550	1257	1389	10.71	cps
Phosphorus	31-2	5568	5501	5643	5571	1.27	cps
Potassium	39-2	255565	254504	258363	256144	0.78	cps
Rhodium	103-1	14668712	14440084	14547627	14552141	0.79	cps
Rhodium	103-2	6611782	6667747	6782116	6687215	1.30	cps
Scandium	45-1	9381562	9224283	9165478	9257108	1.21	cps
Scandium	45-2	415713	416684	424939	419112	1.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	102	80	122	101	21.04	cps
Selenium	82-1	-241	-133	131	-81	-236.78	cps
Silicon	28-1	6634702	6590214	6784873	6669930	1.53	cps
Silver	109-1	208	192	208	203	4.74	cps
Silver	107-1	267	325	250	281	14.04	cps
Sodium	23-2	6598584	6611355	6735416	6648452	1.14	cps
Strontium	86-1	116696	115511	112824	115010	1.72	cps
Strontium	88-1	967386	947492	934392	949757	1.75	cps
Sulfur	34-1	828938	826196	826633	827256	0.18	cps
Terbium	159-1	21141226	20997151	20524904	20887760	1.54	cps
Terbium	159-2	9466362	9409361	9541087	9472270	0.70	cps
Thallium	203-1	375	375	450	400	10.83	cps
Thallium	205-1	733	817	925	825	11.65	cps
Tin	118-1	2509	2875	2584	2656	7.30	cps
Titanium	47-1	1383	1434	1342	1386	3.31	cps
Uranium	238-1	575	617	850	681	21.78	cps
Vanadium	51-2	190	160	190	180	9.62	cps
Yttrium	89-1	16094025	15775534	15707658	15859072	1.30	cps
Yttrium	89-2	2215646	2222465	2251212	2229774	0.85	cps
Zinc	66-2	205433	207495	209063	207330	0.88	cps
Zirconium	90-1	1959	2100	2009	2022	3.55	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-27	Instrumnet Name :	P7
Client Sample ID :	DC32463-27-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:26:33	DataFile Name :	108SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	492	525	561	16.58	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-28	Instrumnet Name :	P7
Client Sample ID :	DC32463-28-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:30:02	DataFile Name :	109SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2909	2684	2700	2764	4.54	cps
Antimony	121-1	1483	1959	1767	1736	13.77	cps
Arsenic	75-2	126	194	146	156	22.62	cps
Barium	135-1	68679	68695	68956	68776	0.23	cps
Barium	137-1	121737	120141	119234	120371	1.05	cps
Beryllium	9-1	106	61	78	81	27.56	cps
Bismuth	209-1	13880565	13748136	13684365	13771022	0.73	cps
Bismuth	209-2	7697544	7685661	7728840	7704015	0.29	cps
Boron	10-1	2200	2234	2142	2192	2.12	cps
Boron	11-1	11246	11138	10963	11116	1.29	cps
Cadmium	111-1	3966	3825	3818	3870	2.16	cps
Cadmium	106-1	5635	5418	5451	5501	2.12	cps
Cadmium	108-1	17	25	21	21	19.99	cps
Calcium	43-1	285955	288377	285316	286549	0.56	cps
Calcium	44-1	4753040	4755816	4704602	4737819	0.61	cps
Chromium	52-2	1643	1577	1587	1602	2.24	cps
Cobalt	59-2	253	213	217	228	9.74	cps
Copper	63-2	193144	191934	189766	191614	0.89	cps
Dysprosium	156-1	108	108	150	122	19.68	cps
Dysprosium	156-2	73	57	70	67	13.22	cps
Erbium	164-1	150	175	142	156	11.15	cps
Erbium	164-2	67	57	53	59	11.79	cps
Gadolinium	160-1	267	225	233	242	9.12	cps
Gadolinium	160-2	113	147	90	117	24.41	cps
Holmium	165-1	20012453	19950378	19846008	19936279	0.42	cps
Holmium	165-2	9696601	9647747	9679215	9674521	0.26	cps
Indium	115-1	16039994	16003813	15762058	15935288	0.95	cps
Indium	115-2	2986641	2968038	2966925	2973868	0.37	cps
Iron	56-2	221434	232807	223149	225796	2.72	cps
Iron	57-2	5874	5334	5585	5598	4.82	cps
Lead	206-1	3501	3734	3895	3710	5.35	cps
Lead	207-1	3289	3067	3173	3176	3.50	cps
Lead	208-1	14459	14526	14437	14474	0.32	cps
Lithium	6-1	1829342	1816144	1811348	1818945	0.51	cps
Magnesium	24-2	521963	514456	517578	517999	0.73	cps
Manganese	55-2	29914	29192	29416	29508	1.25	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-28	Instrumnet Name :	P7
Client Sample ID :	DC32463-28-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:30:02	DataFile Name :	109SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	983	1000	1100	1028	6.14	cps
Molybdenum	95-1	575	608	717	633	11.70	cps
Molybdenum	96-1	883	808	1025	906	12.15	cps
Molybdenum	97-1	392	417	467	425	8.98	cps
Molybdenum	98-1	1050	1125	1150	1108	4.70	cps
Neodymium	150-1	73	140	107	107	31.25	cps
Neodymium	150-2	50	17	30	32	52.06	cps
Nickel	60-2	793	773	790	786	1.36	cps
Phosphorus	31-2	6202	5910	6177	6096	2.65	cps
Potassium	39-2	263169	262684	262814	262889	0.10	cps
Rhodium	103-1	14463596	14391324	14346134	14400351	0.41	cps
Rhodium	103-2	6817433	6819444	6850499	6829125	0.27	cps
Scandium	45-1	9165954	9283525	9151115	9200198	0.79	cps
Scandium	45-2	430559	429174	431053	430262	0.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	113	106	110	3.50	cps
Selenium	82-1	-280	-147	26	-134	-114.63	cps
Silicon	28-1	6584714	6512817	6545052	6547528	0.55	cps
Silver	109-1	142	183	208	178	18.95	cps
Silver	107-1	392	258	267	306	24.45	cps
Sodium	23-2	6845747	6805833	6786743	6812774	0.44	cps
Strontium	86-1	115773	113554	112496	113941	1.47	cps
Strontium	88-1	945349	941980	940576	942635	0.26	cps
Sulfur	34-1	830028	830306	832720	831018	0.18	cps
Terbium	159-1	20801015	20704063	20773931	20759670	0.24	cps
Terbium	159-2	9665833	9617044	9621517	9634798	0.28	cps
Thallium	203-1	300	242	542	361	44.05	cps
Thallium	205-1	800	883	767	817	7.36	cps
Tin	118-1	3551	3484	3534	3523	0.98	cps
Titanium	47-1	1425	1408	1450	1428	1.47	cps
Uranium	238-1	850	1033	975	953	9.83	cps
Vanadium	51-2	223	240	223	229	4.20	cps
Yttrium	89-1	15661058	15915768	15603125	15726650	1.06	cps
Yttrium	89-2	2276781	2260681	2264250	2267237	0.37	cps
Zinc	66-2	7405	7399	7482	7429	0.62	cps
Zirconium	90-1	1875	1967	1925	1922	2.39	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-28	Instrumnet Name :	P7
Client Sample ID :	DC32463-28-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:30:02	DataFile Name :	109SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	283	400	386	25.02	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-29	Instrumnet Name :	P7
Client Sample ID :	DC32463-29-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:33:30	DataFile Name :	110SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5460	5551	5444	5485	1.06	cps
Antimony	121-1	3176	3667	3401	3414	7.21	cps
Arsenic	75-2	176	163	152	164	7.37	cps
Barium	135-1	71383	70755	69231	70457	1.57	cps
Barium	137-1	120588	120166	119888	120214	0.29	cps
Beryllium	9-1	67	111	78	85	27.15	cps
Bismuth	209-1	13903489	13657462	13591714	13717555	1.20	cps
Bismuth	209-2	7683215	7625712	7626563	7645163	0.43	cps
Boron	10-1	2259	2167	2200	2209	2.10	cps
Boron	11-1	11221	10779	10804	10935	2.27	cps
Cadmium	111-1	4056	3856	3965	3959	2.53	cps
Cadmium	106-1	5801	5468	5610	5626	2.97	cps
Cadmium	108-1	38	25	29	31	20.83	cps
Calcium	43-1	283560	284237	282237	283345	0.36	cps
Calcium	44-1	4673635	4661150	4647069	4660618	0.29	cps
Chromium	52-2	1667	1363	1527	1519	10.00	cps
Cobalt	59-2	267	260	200	242	15.16	cps
Copper	63-2	1731782	1724137	1732775	1729565	0.27	cps
Dysprosium	156-1	50	125	92	89	42.28	cps
Dysprosium	156-2	23	40	50	38	35.67	cps
Erbium	164-1	192	117	150	153	24.60	cps
Erbium	164-2	40	103	67	70	45.43	cps
Gadolinium	160-1	250	200	158	203	22.63	cps
Gadolinium	160-2	87	120	77	94	24.02	cps
Holmium	165-1	20022348	19782109	19792274	19865577	0.68	cps
Holmium	165-2	9726913	9764405	9730643	9740654	0.21	cps
Indium	115-1	15911300	15827445	15691192	15809979	0.70	cps
Indium	115-2	2978303	2946366	2971753	2965474	0.57	cps
Iron	56-2	116631	113516	106902	112350	4.42	cps
Iron	57-2	2673	2539	3462	2891	17.25	cps
Lead	206-1	9865	10499	10021	10128	3.26	cps
Lead	207-1	8547	8603	8497	8549	0.62	cps
Lead	208-1	40086	40030	39329	39815	1.06	cps
Lithium	6-1	1845709	1831030	1798312	1825017	1.33	cps
Magnesium	24-2	525994	525082	524265	525114	0.16	cps
Manganese	55-2	29099	28802	29657	29186	1.49	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-29	Instrumnet Name :	P7
Client Sample ID :	DC32463-29-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:33:30	DataFile Name :	110SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	917	992	878	15.67	cps
Molybdenum	95-1	592	467	650	569	16.45	cps
Molybdenum	96-1	608	667	792	689	13.60	cps
Molybdenum	97-1	450	375	367	397	11.55	cps
Molybdenum	98-1	892	800	900	864	6.42	cps
Neodymium	150-1	107	87	87	93	12.37	cps
Neodymium	150-2	43	37	30	37	18.18	cps
Nickel	60-2	1110	953	1060	1041	7.69	cps
Phosphorus	31-2	5776	6435	6193	6135	5.43	cps
Potassium	39-2	259726	258616	259293	259212	0.22	cps
Rhodium	103-1	14568250	14406045	14341113	14438470	0.81	cps
Rhodium	103-2	6802308	6662714	6731607	6732210	1.04	cps
Scandium	45-1	9210949	9094981	9053505	9119812	0.89	cps
Scandium	45-2	428509	422926	428687	426707	0.77	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	128	117	119	121	4.92	cps
Selenium	82-1	-18	-25	54	4	1244.04	cps
Silicon	28-1	6552908	6522463	6433917	6503096	0.95	cps
Silver	109-1	158	183	133	158	15.79	cps
Silver	107-1	250	233	242	242	3.45	cps
Sodium	23-2	6815042	6826783	6720672	6787499	0.86	cps
Strontium	86-1	114647	112714	111656	113006	1.34	cps
Strontium	88-1	944576	944672	934612	941287	0.61	cps
Sulfur	34-1	833808	826020	829727	829852	0.47	cps
Terbium	159-1	20723480	20855916	20572803	20717400	0.68	cps
Terbium	159-2	9710725	9706663	9639152	9685514	0.42	cps
Thallium	203-1	300	333	250	294	14.25	cps
Thallium	205-1	800	658	750	736	9.76	cps
Tin	118-1	4268	3892	3792	3984	6.29	cps
Titanium	47-1	1450	1267	1233	1317	8.86	cps
Uranium	238-1	642	667	525	611	12.37	cps
Vanadium	51-2	287	143	197	209	34.68	cps
Yttrium	89-1	15653541	15786847	15397501	15612630	1.27	cps
Yttrium	89-2	2278893	2262458	2272999	2271450	0.37	cps
Zinc	66-2	230719	228475	229012	229402	0.51	cps
Zirconium	90-1	1483	1709	1642	1611	7.17	cps

Reviewed By:jaswal
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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-29	Instrumnet Name :	P7
Client Sample ID :	DC32463-29-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:33:30	DataFile Name :	110SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	367	450	406	10.34	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-30	Instrumnet Name :	P7
Client Sample ID :	DC32463-30-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:36:58	DataFile Name :	111SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4126	4334	4268	4243	2.50	cps
Antimony	121-1	1342	1433	1408	1395	3.40	cps
Arsenic	75-2	152	185	159	165	10.58	cps
Barium	135-1	68848	68956	69625	69143	0.61	cps
Barium	137-1	124117	119940	120797	121618	1.81	cps
Beryllium	9-1	83	83	39	69	37.45	cps
Bismuth	209-1	13768909	13816340	13795948	13793732	0.17	cps
Bismuth	209-2	7641123	7704644	7636911	7660893	0.50	cps
Boron	10-1	2217	2092	1892	2067	7.93	cps
Boron	11-1	10571	10671	10696	10646	0.62	cps
Cadmium	111-1	4024	4136	4031	4064	1.55	cps
Cadmium	106-1	5726	5868	5718	5771	1.46	cps
Cadmium	108-1	25	13	13	17	43.30	cps
Calcium	43-1	289380	285488	282653	285840	1.18	cps
Calcium	44-1	4754923	4687712	4620030	4687555	1.44	cps
Chromium	52-2	1413	1563	1467	1481	5.13	cps
Cobalt	59-2	213	257	193	221	14.64	cps
Copper	63-2	157325	156903	156614	156947	0.23	cps
Dysprosium	156-1	100	83	108	97	13.09	cps
Dysprosium	156-2	60	67	50	59	14.25	cps
Erbium	164-1	142	192	167	167	15.00	cps
Erbium	164-2	77	87	77	80	7.22	cps
Gadolinium	160-1	233	317	225	258	19.62	cps
Gadolinium	160-2	107	123	123	118	8.17	cps
Holmium	165-1	20438499	20112196	19933367	20161354	1.27	cps
Holmium	165-2	9620236	9746727	9665380	9677448	0.66	cps
Indium	115-1	15924497	16113589	15731415	15923167	1.20	cps
Indium	115-2	2950083	2973894	2967807	2963928	0.42	cps
Iron	56-2	173283	174439	188462	178728	4.73	cps
Iron	57-2	4501	4229	4240	4323	3.56	cps
Lead	206-1	2950	2956	2812	2906	2.82	cps
Lead	207-1	2589	2511	2478	2526	2.26	cps
Lead	208-1	11725	11830	11408	11654	1.89	cps
Lithium	6-1	1858864	1860463	1828850	1849393	0.96	cps
Magnesium	24-2	514158	517530	523573	518420	0.92	cps
Manganese	55-2	27730	27756	27322	27603	0.88	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-30	Instrumnet Name :	P7
Client Sample ID :	DC32463-30-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:36:58	DataFile Name :	111SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	783	825	975	861	11.71	cps
Molybdenum	95-1	458	508	600	522	13.76	cps
Molybdenum	96-1	658	933	650	747	21.58	cps
Molybdenum	97-1	342	392	400	378	8.35	cps
Molybdenum	98-1	708	817	892	806	11.44	cps
Neodymium	150-1	53	167	113	111	51.03	cps
Neodymium	150-2	37	40	43	40	8.32	cps
Nickel	60-2	867	700	793	787	10.62	cps
Phosphorus	31-2	6101	6151	5660	5971	4.53	cps
Potassium	39-2	261062	262854	262535	262150	0.36	cps
Rhodium	103-1	14599081	14517388	14397897	14504789	0.70	cps
Rhodium	103-2	6734608	6769199	6753847	6752552	0.26	cps
Scandium	45-1	9138224	9193816	9151214	9161085	0.32	cps
Scandium	45-2	426462	428481	427576	427506	0.24	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	83	104	96	94	10.92	cps
Selenium	82-1	-238	-355	-126	-240	-47.82	cps
Silicon	28-1	6540459	6551650	6892620	6661576	3.00	cps
Silver	109-1	217	142	217	192	22.59	cps
Silver	107-1	250	308	175	244	27.34	cps
Sodium	23-2	6756639	6752721	6829701	6779687	0.64	cps
Strontium	86-1	115326	115201	114563	115030	0.36	cps
Strontium	88-1	960974	949418	934244	948212	1.41	cps
Sulfur	34-1	835149	829562	828952	831221	0.41	cps
Terbium	159-1	21241952	20724456	20768461	20911623	1.37	cps
Terbium	159-2	9648952	9658441	9740347	9682580	0.52	cps
Thallium	203-1	392	292	292	325	17.76	cps
Thallium	205-1	817	775	758	783	3.84	cps
Tin	118-1	1650	1667	1675	1664	0.76	cps
Titanium	47-1	1317	7384	1200	3300	107.17	cps
Uranium	238-1	925	908	767	867	10.04	cps
Vanadium	51-2	210	337	197	248	31.19	cps
Yttrium	89-1	15885106	15804471	15571866	15753814	1.03	cps
Yttrium	89-2	2252720	2264216	2257079	2258005	0.26	cps
Zinc	66-2	8573	8696	8803	8690	1.33	cps
Zirconium	90-1	1809	1559	1725	1697	7.50	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I3002-30	Instrumnet Name :	P7
Client Sample ID :	DC32463-30-FL1-BRB-W	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:36:58	DataFile Name :	111SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	342	425	400	12.67	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:48:44	DataFile Name :	114CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1423664	1413798	1435389	1424284	0.76	cps
Antimony	121-1	8049063	8063297	7985318	8032559	0.52	cps
Arsenic	75-2	279698	278948	278892	279179	0.16	cps
Barium	135-1	9535335	9510525	9610502	9552121	0.55	cps
Barium	137-1	16432586	16668809	16712645	16604680	0.91	cps
Beryllium	9-1	1394490	1390400	1395359	1393416	0.19	cps
Bismuth	209-1	12572941	12582426	12532095	12562487	0.21	cps
Bismuth	209-2	6718016	6757243	7040285	6838515	2.57	cps
Boron	10-1	172716	173450	176906	174357	1.28	cps
Boron	11-1	870752	871691	880842	874428	0.64	cps
Cadmium	111-1	1973399	1972564	1988572	1978178	0.46	cps
Cadmium	106-1	225998	225492	225326	225606	0.16	cps
Cadmium	108-1	147479	145613	148762	147285	1.08	cps
Calcium	43-1	2124341	2125433	2129369	2126381	0.12	cps
Calcium	44-1	34678817	34595493	34922870	34732393	0.49	cps
Chromium	52-2	2401291	2394426	2408827	2401515	0.30	cps
Cobalt	59-2	3883045	3908197	3918195	3903145	0.46	cps
Copper	63-2	5331320	5306088	5347114	5328174	0.39	cps
Dysprosium	156-1	233	225	200	219	7.91	cps
Dysprosium	156-2	20	23	33	26	27.15	cps
Erbium	164-1	75	75	100	83	17.33	cps
Erbium	164-2	37	33	23	31	22.31	cps
Gadolinium	160-1	108	117	142	122	14.19	cps
Gadolinium	160-2	63	87	70	73	16.39	cps
Holmium	165-1	18764910	18732522	18696925	18731452	0.18	cps
Holmium	165-2	9215668	9103758	9133733	9151053	0.63	cps
Indium	115-1	14316067	14424599	14497171	14412612	0.63	cps
Indium	115-2	2745589	2783051	2764261	2764300	0.68	cps
Iron	56-2	103323300	103929336	103943197	103731944	0.34	cps
Iron	57-2	2511597	2523182	2542131	2525637	0.61	cps
Lead	206-1	6346861	6386482	6359550	6364297	0.32	cps
Lead	207-1	5763911	5791697	5727600	5761069	0.56	cps
Lead	208-1	26217154	26564416	26275685	26352418	0.71	cps
Lithium	6-1	1682068	1688821	1687924	1686271	0.22	cps
Magnesium	24-2	17219030	17154803	17341704	17238512	0.55	cps
Manganese	55-2	2745413	2731243	2751080	2742579	0.37	cps

Reviewed By:jaswal
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:48:44	DataFile Name :	114CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7073246	6989544	7052300	7038364	0.62	cps
Molybdenum	95-1	3745106	3697508	3706423	3716345	0.68	cps
Molybdenum	96-1	4808893	4786688	4774086	4789889	0.37	cps
Molybdenum	97-1	2318672	2313712	2304982	2312455	0.30	cps
Molybdenum	98-1	6187202	6137166	6164488	6162952	0.41	cps
Neodymium	150-1	700	800	727	742	6.98	cps
Neodymium	150-2	47	40	80	56	38.57	cps
Nickel	60-2	1029541	1031568	1034290	1031800	0.23	cps
Phosphorus	31-2	82687	80677	82495	81953	1.35	cps
Potassium	39-2	8714443	8649936	8769753	8711377	0.69	cps
Rhodium	103-1	13066235	13009420	12930542	13002066	0.52	cps
Rhodium	103-2	6262097	6196612	6227748	6228819	0.53	cps
Scandium	45-1	8606923	8617274	8597650	8607282	0.11	cps
Scandium	45-2	410788	412070	416531	413130	0.73	cps
Selenium	77-2	5698	5444	5861	5668	3.71	cps
Selenium	78-2	19105	19324	19547	19325	1.14	cps
Selenium	82-1	120335	120750	120762	120616	0.20	cps
Silicon	28-1	5072703	5162573	5226405	5153893	1.50	cps
Silver	109-1	9538719	9386099	9427550	9450789	0.84	cps
Silver	107-1	9814873	9832753	9848331	9831986	0.17	cps
Sodium	23-2	34339382	34180038	34265389	34261603	0.23	cps
Strontium	86-1	2448750	2442085	2448750	2446529	0.16	cps
Strontium	88-1	21308337	21232635	21335335	21292103	0.25	cps
Sulfur	34-1	1397311	1395534	1396611	1396485	0.06	cps
Terbium	159-1	19662626	19319098	19365655	19449126	0.96	cps
Terbium	159-2	9095034	9142724	9138506	9125421	0.29	cps
Thallium	203-1	8319134	8186768	8107979	8204627	1.30	cps
Thallium	205-1	19643097	19461560	19442655	19515771	0.57	cps
Tin	118-1	6559685	6608494	6545264	6571148	0.50	cps
Titanium	47-1	1038348	1041195	1046455	1041999	0.39	cps
Uranium	238-1	26662152	26966331	27396512	27008332	1.37	cps
Vanadium	51-2	1968948	1964505	1973245	1968899	0.22	cps
Yttrium	89-1	14575178	14562449	14517188	14551605	0.21	cps
Yttrium	89-2	2155019	2149198	2151124	2151780	0.14	cps
Zinc	66-2	785940	782116	783327	783795	0.25	cps
Zirconium	90-1	13085044	13171736	13105240	13120673	0.35	cps

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Inst Id :P7
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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:48:44	DataFile Name :	114CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2885153	2910260	2899673	2898362	0.43	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:55:37	DataFile Name :	116CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	83	42	61	34.32	cps
Antimony	121-1	7611	8553	9854	8673	12.99	cps
Arsenic	75-2	93	133	154	127	24.59	cps
Barium	135-1	125	58	92	92	36.36	cps
Barium	137-1	200	158	167	175	12.60	cps
Beryllium	9-1	178	222	206	202	11.12	cps
Bismuth	209-1	13279571	13186686	13200814	13222357	0.38	cps
Bismuth	209-2	7367407	7434181	7312965	7371518	0.82	cps
Boron	10-1	1708	1700	1592	1667	3.90	cps
Boron	11-1	9328	9253	8628	9070	4.24	cps
Cadmium	111-1	3548	3604	3614	3589	0.99	cps
Cadmium	106-1	5076	5118	5159	5118	0.81	cps
Cadmium	108-1	38	17	21	25	44.09	cps
Calcium	43-1	217	333	233	261	24.16	cps
Calcium	44-1	12531	12673	12548	12584	0.62	cps
Chromium	52-2	1330	1473	1400	1401	5.12	cps
Cobalt	59-2	83	140	187	137	37.86	cps
Copper	63-2	4487	4474	4691	4551	2.67	cps
Dysprosium	156-1	42	8	8	19	99.00	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	67	58	67	64	7.53	cps
Erbium	164-2	30	20	10	20	50.00	cps
Gadolinium	160-1	117	150	133	133	12.50	cps
Gadolinium	160-2	73	27	40	47	51.51	cps
Holmium	165-1	19101875	19173542	19210196	19161871	0.29	cps
Holmium	165-2	9361285	9378126	9166693	9302034	1.26	cps
Indium	115-1	15255146	15063120	15194099	15170788	0.65	cps
Indium	115-2	2865765	2877086	2838741	2860531	0.69	cps
Iron	56-2	6541	6596	6841	6659	2.40	cps
Iron	57-2	133	167	100	133	25.00	cps
Lead	206-1	2289	2095	2211	2198	4.45	cps
Lead	207-1	2056	1989	1945	1997	2.80	cps
Lead	208-1	8846	8524	8835	8735	2.09	cps
Lithium	6-1	1718469	1728422	1721341	1722744	0.30	cps
Magnesium	24-2	308	342	300	317	6.96	cps
Manganese	55-2	130	87	110	109	19.92	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:55:37	DataFile Name :	116CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1183	1542	1609	1445	15.82	cps
Molybdenum	95-1	1225	1650	2500	1792	36.24	cps
Molybdenum	96-1	1425	1784	2642	1950	32.06	cps
Molybdenum	97-1	850	1083	1242	1058	18.62	cps
Molybdenum	98-1	2209	2917	3434	2853	21.56	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	277	243	337	286	16.56	cps
Phosphorus	31-2	208	200	258	222	14.20	cps
Potassium	39-2	47552	49417	50119	49029	2.71	cps
Rhodium	103-1	13976699	13860998	13905857	13914518	0.42	cps
Rhodium	103-2	6589828	6578712	6509940	6559493	0.66	cps
Scandium	45-1	8822532	8761333	8757066	8780310	0.42	cps
Scandium	45-2	414068	417017	412693	414592	0.53	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	100	113	93	102	10.12	cps
Selenium	82-1	75	-208	-174	-102	-150.92	cps
Silicon	28-1	444547	442436	448475	445153	0.69	cps
Silver	109-1	300	300	408	336	18.61	cps
Silver	107-1	350	350	433	378	12.74	cps
Sodium	23-2	37565	37347	37640	37517	0.41	cps
Strontium	86-1	5876	5660	5693	5743	2.03	cps
Strontium	88-1	517	392	500	469	14.46	cps
Sulfur	34-1	692706	689500	693707	691971	0.32	cps
Terbium	159-1	20012668	19808166	19859317	19893384	0.53	cps
Terbium	159-2	9394612	9348320	9214485	9319139	1.00	cps
Thallium	203-1	958	983	925	956	3.06	cps
Thallium	205-1	2400	2475	2375	2417	2.15	cps
Tin	118-1	1700	2025	2525	2084	19.95	cps
Titanium	47-1	208	175	125	169	24.75	cps
Uranium	238-1	225	183	275	228	20.15	cps
Vanadium	51-2	43	37	27	36	23.58	cps
Yttrium	89-1	14952594	15153044	14959754	15021797	0.76	cps
Yttrium	89-2	2198190	2207065	2184221	2196492	0.52	cps
Zinc	66-2	147	167	140	151	9.18	cps
Zirconium	90-1	1342	1408	1458	1403	4.17	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:55:37	DataFile Name :	116CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	242	267	222	25.53	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BL	Instrumnet Name :	P7
Client Sample ID :	PB98733BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:59:07	DataFile Name :	117CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	125	92	32.78	cps
Antimony	121-1	6160	7185	8219	7188	14.33	cps
Arsenic	75-2	98	102	113	104	7.39	cps
Barium	135-1	50	42	92	61	43.83	cps
Barium	137-1	167	100	175	147	27.93	cps
Beryllium	9-1	183	161	100	148	29.13	cps
Bismuth	209-1	12290540	12495560	12367860	12384653	0.84	cps
Bismuth	209-2	6734223	7090342	7112520	6979029	3.04	cps
Boron	10-1	1592	1467	1658	1572	6.19	cps
Boron	11-1	7627	7652	7327	7536	2.40	cps
Cadmium	111-1	3562	3547	3676	3595	1.97	cps
Cadmium	106-1	5084	5051	5268	5135	2.27	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	233	367	292	297	22.49	cps
Calcium	44-1	13565	13924	13323	13604	2.22	cps
Chromium	52-2	1893	1893	1930	1906	1.11	cps
Cobalt	59-2	133	133	177	148	16.93	cps
Copper	63-2	4944	4738	4868	4850	2.15	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	75	42	61	28.38	cps
Erbium	164-2	13	20	23	19	26.96	cps
Gadolinium	160-1	133	117	108	119	10.66	cps
Gadolinium	160-2	40	70	40	50	34.64	cps
Holmium	165-1	18115477	18040411	18079813	18078567	0.21	cps
Holmium	165-2	8963049	8938519	9015673	8972414	0.44	cps
Indium	115-1	14259965	14407573	14288138	14318559	0.55	cps
Indium	115-2	2752399	2775919	2774444	2767588	0.48	cps
Iron	56-2	6802	7369	7613	7261	5.73	cps
Iron	57-2	122	150	156	143	12.52	cps
Lead	206-1	2295	2189	2167	2217	3.08	cps
Lead	207-1	1722	1978	1878	1859	6.93	cps
Lead	208-1	7990	8512	8490	8331	3.55	cps
Lithium	6-1	1633907	1635254	1636506	1635222	0.08	cps
Magnesium	24-2	258	275	342	292	15.12	cps
Manganese	55-2	100	127	113	113	11.77	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BL	Instrumnet Name :	P7
Client Sample ID :	PB98733BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:59:07	DataFile Name :	117CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1292	1467	1767	1508	15.93	cps
Molybdenum	95-1	883	908	1425	1072	28.52	cps
Molybdenum	96-1	900	1500	1675	1358	29.92	cps
Molybdenum	97-1	558	708	883	717	22.70	cps
Molybdenum	98-1	1375	1809	2200	1795	23.00	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	260	257	277	11.49	cps
Phosphorus	31-2	183	317	200	233	31.13	cps
Potassium	39-2	48263	49350	47569	48394	1.86	cps
Rhodium	103-1	13004606	13254229	13135432	13131422	0.95	cps
Rhodium	103-2	6239616	6369757	6379892	6329755	1.24	cps
Scandium	45-1	8156708	8297158	8301606	8251824	1.00	cps
Scandium	45-2	396130	397777	402477	398795	0.83	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	109	93	91	98	10.46	cps
Selenium	82-1	-17	-51	10	-19	-156.65	cps
Silicon	28-1	484283	485037	481371	483564	0.40	cps
Silver	109-1	233	342	233	269	23.21	cps
Silver	107-1	317	250	358	308	17.72	cps
Sodium	23-2	41984	43447	43021	42817	1.76	cps
Strontium	86-1	5410	5626	5710	5582	2.78	cps
Strontium	88-1	608	667	767	681	11.77	cps
Sulfur	34-1	704448	708916	715605	709656	0.79	cps
Terbium	159-1	18362808	18871593	18866256	18700219	1.56	cps
Terbium	159-2	8954015	9087907	9061980	9034634	0.79	cps
Thallium	203-1	633	867	733	745	15.72	cps
Thallium	205-1	1842	1717	2025	1861	8.33	cps
Tin	118-1	1875	2075	2509	2153	15.04	cps
Titanium	47-1	158	150	100	136	23.18	cps
Uranium	238-1	142	242	142	175	32.99	cps
Vanadium	51-2	33	33	37	34	5.60	cps
Yttrium	89-1	14021489	14110478	14118977	14083648	0.38	cps
Yttrium	89-2	2101079	2120083	2124761	2115308	0.59	cps
Zinc	66-2	187	223	233	214	11.46	cps
Zirconium	90-1	1925	1734	2125	1928	10.16	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BL	Instrumnet Name :	P7
Client Sample ID :	PB98733BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 17:59:07	DataFile Name :	117CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	458	517	453	14.76	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BS	Instrumnet Name :	P7
Client Sample ID :	PB98733BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:02:37	DataFile Name :	118CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1428016	1449950	1440065	1439343	0.76	cps
Antimony	121-1	8219365	8141623	8045919	8135636	1.07	cps
Arsenic	75-2	284521	286488	283918	284976	0.47	cps
Barium	135-1	9660049	9724120	9672788	9685653	0.35	cps
Barium	137-1	17022159	17036077	16859906	16972714	0.58	cps
Beryllium	9-1	1436689	1423170	1421941	1427267	0.57	cps
Bismuth	209-1	12770750	12775443	12572291	12706161	0.91	cps
Bismuth	209-2	6827260	7102373	7038441	6989358	2.06	cps
Boron	10-1	175170	175563	176273	175669	0.32	cps
Boron	11-1	888865	892476	892008	891116	0.22	cps
Cadmium	111-1	2028473	2022114	2007970	2019519	0.52	cps
Cadmium	106-1	234216	229752	232102	232024	0.96	cps
Cadmium	108-1	152518	150413	150476	151136	0.79	cps
Calcium	43-1	2188592	2187782	2171197	2182524	0.45	cps
Calcium	44-1	35591963	35811886	35326721	35576857	0.68	cps
Chromium	52-2	2445683	2463995	2451828	2453835	0.38	cps
Cobalt	59-2	3948595	3971363	3975072	3965010	0.36	cps
Copper	63-2	5399280	5425518	5388433	5404410	0.35	cps
Dysprosium	156-1	158	167	217	181	17.48	cps
Dysprosium	156-2	40	43	53	46	15.23	cps
Erbium	164-1	142	75	92	103	33.76	cps
Erbium	164-2	30	40	23	31	26.97	cps
Gadolinium	160-1	133	183	158	158	15.79	cps
Gadolinium	160-2	57	67	80	68	17.27	cps
Holmium	165-1	19180375	19066808	18990042	19079075	0.50	cps
Holmium	165-2	9278558	9328212	9228316	9278362	0.54	cps
Indium	115-1	14838258	14822352	14651483	14770698	0.70	cps
Indium	115-2	2817087	2811017	2810164	2812756	0.13	cps
Iron	56-2	105579825	105874955	105695311	105716697	0.14	cps
Iron	57-2	2554709	2570960	2562996	2562888	0.32	cps
Lead	206-1	6465746	6475791	6414615	6452051	0.51	cps
Lead	207-1	5829583	5826748	5830658	5828996	0.03	cps
Lead	208-1	26678366	26694761	26527323	26633483	0.35	cps
Lithium	6-1	1722805	1720464	1721067	1721445	0.07	cps
Magnesium	24-2	17419746	17647938	17410800	17492828	0.77	cps
Manganese	55-2	2772687	2799056	2792687	2788143	0.49	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BS	Instrumnet Name :	P7
Client Sample ID :	PB98733BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:02:37	DataFile Name :	118CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7191990	7168980	7100309	7153760	0.67	cps
Molybdenum	95-1	3788550	3770995	3741744	3767096	0.63	cps
Molybdenum	96-1	4883137	4875190	4839893	4866074	0.47	cps
Molybdenum	97-1	2368061	2364991	2345840	2359631	0.51	cps
Molybdenum	98-1	6265886	6318200	6175338	6253142	1.16	cps
Neodymium	150-1	713	660	660	678	4.54	cps
Neodymium	150-2	73	57	53	61	17.53	cps
Nickel	60-2	1046273	1053892	1049805	1049990	0.36	cps
Phosphorus	31-2	84197	82687	82997	83294	0.96	cps
Potassium	39-2	8796666	8890687	8790225	8825859	0.64	cps
Rhodium	103-1	13477846	13477898	13331376	13429040	0.63	cps
Rhodium	103-2	6343224	6267428	6268233	6292962	0.69	cps
Scandium	45-1	8812107	8785832	8820805	8806248	0.21	cps
Scandium	45-2	418043	421252	418836	419377	0.40	cps
Selenium	77-2	5865	5805	5965	5878	1.38	cps
Selenium	78-2	20129	19832	19700	19887	1.10	cps
Selenium	82-1	123127	124208	123869	123734	0.45	cps
Silicon	28-1	4995621	5074438	5108821	5059627	1.15	cps
Silver	109-1	9711619	9585311	9554648	9617193	0.87	cps
Silver	107-1	10165735	10037039	9972937	10058570	0.98	cps
Sodium	23-2	34558931	34835653	34644478	34679687	0.41	cps
Strontium	86-1	2489740	2484381	2486935	2487019	0.11	cps
Strontium	88-1	21770041	21807493	21749495	21775676	0.14	cps
Sulfur	34-1	1425798	1428628	1429009	1427812	0.12	cps
Terbium	159-1	19854923	19655447	19779506	19763292	0.51	cps
Terbium	159-2	9263817	9297900	9294049	9285256	0.20	cps
Thallium	203-1	8358965	8326778	8255491	8313745	0.64	cps
Thallium	205-1	19819019	19677100	19582886	19693002	0.60	cps
Tin	118-1	6727479	6711321	6713374	6717391	0.13	cps
Titanium	47-1	1063675	1062668	1060623	1062322	0.15	cps
Uranium	238-1	27432603	27385745	27359533	27392627	0.14	cps
Vanadium	51-2	1988362	2004193	1997925	1996827	0.40	cps
Yttrium	89-1	14996467	15069942	14923503	14996637	0.49	cps
Yttrium	89-2	2207643	2204148	2198584	2203459	0.21	cps
Zinc	66-2	796425	796469	794371	795755	0.15	cps
Zirconium	90-1	13359909	13356427	13344672	13353669	0.06	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98733BS	Instrumnet Name :	P7
Client Sample ID :	PB98733BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:02:37	DataFile Name :	118CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2944060	2952908	2945483	2947484	0.16	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:06:00	DataFile Name :	119SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	496794	482434	504219	494482	2.24	cps
Antimony	121-1	65193	74365	81395	73651	11.03	cps
Arsenic	75-2	2196	2167	2254	2206	2.01	cps
Barium	135-1	398869	398741	393675	397095	0.75	cps
Barium	137-1	699964	694036	684932	692977	1.09	cps
Beryllium	9-1	1039	883	867	930	10.22	cps
Bismuth	209-1	12200333	12046025	12023077	12089812	0.80	cps
Bismuth	209-2	6151112	6145222	6146168	6147500	0.05	cps
Boron	10-1	65894	64438	63684	64672	1.74	cps
Boron	11-1	332982	332975	331499	332485	0.26	cps
Cadmium	111-1	13034	12692	13026	12917	1.51	cps
Cadmium	106-1	5693	5776	5868	5779	1.52	cps
Cadmium	108-1	667	763	688	706	7.14	cps
Calcium	43-1	3848808	3824393	3797020	3823407	0.68	cps
Calcium	44-1	63095116	62167468	62055112	62439232	0.91	cps
Chromium	52-2	35110	34450	34754	34772	0.95	cps
Cobalt	59-2	107889	106838	107094	107274	0.51	cps
Copper	63-2	222954	229746	229832	227511	1.73	cps
Dysprosium	156-1	39959	41280	40127	40455	1.78	cps
Dysprosium	156-2	17121	17532	17548	17400	1.39	cps
Erbium	164-1	35598	35004	36199	35600	1.68	cps
Erbium	164-2	15783	15749	15569	15700	0.73	cps
Gadolinium	160-1	37151	38530	37335	37672	1.99	cps
Gadolinium	160-2	19574	19931	19521	19675	1.13	cps
Holmium	165-1	18734548	18462180	18633803	18610177	0.74	cps
Holmium	165-2	8696152	8681827	8736943	8704974	0.33	cps
Indium	115-1	14210058	14077419	14048098	14111858	0.61	cps
Indium	115-2	2508989	2514785	2499196	2507657	0.31	cps
Iron	56-2	26471114	26047008	26129983	26216035	0.86	cps
Iron	57-2	633647	641390	629661	634899	0.94	cps
Lead	206-1	68811	68565	68766	68714	0.19	cps
Lead	207-1	56297	56062	55968	56109	0.30	cps
Lead	208-1	265558	263894	265376	264942	0.34	cps
Lithium	6-1	1854554	1887449	1881816	1874606	0.94	cps
Magnesium	24-2	12621088	12472395	12435065	12509516	0.79	cps
Manganese	55-2	43756529	43516418	43253111	43508686	0.58	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:06:00	DataFile Name :	119SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25467	24301	24841	24870	2.34	cps
Molybdenum	95-1	15192	17586	18312	17030	9.59	cps
Molybdenum	96-1	18237	20065	22110	20137	9.62	cps
Molybdenum	97-1	9420	10196	10429	10015	5.27	cps
Molybdenum	98-1	23529	25432	27519	25493	7.83	cps
Neodymium	150-1	52360	53076	50916	52117	2.11	cps
Neodymium	150-2	19484	19504	19354	19447	0.42	cps
Nickel	60-2	65348	65773	66553	65892	0.93	cps
Phosphorus	31-2	1634	1533	1717	1628	5.64	cps
Potassium	39-2	2546414	2552740	2526478	2541878	0.54	cps
Rhodium	103-1	12295272	12328070	12370495	12331279	0.31	cps
Rhodium	103-2	5526743	5531596	5531978	5530106	0.05	cps
Scandium	45-1	8216163	7989736	7958044	8054648	1.75	cps
Scandium	45-2	353923	353022	352838	353261	0.16	cps
Selenium	77-2	133	73	107	104	28.79	cps
Selenium	78-2	206	169	172	182	11.20	cps
Selenium	82-1	864	885	1058	936	11.39	cps
Silicon	28-1	59913733	58582468	58076126	58857442	1.61	cps
Silver	109-1	16594	14975	13557	15042	10.10	cps
Silver	107-1	18296	15325	14066	15896	13.66	cps
Sodium	23-2	274028081	270944656	269073981	271348906	0.92	cps
Strontium	86-1	2687256	2662175	2658299	2669243	0.59	cps
Strontium	88-1	23783859	23544988	23502164	23610337	0.64	cps
Sulfur	34-1	3452288	3418741	3369335	3413455	1.22	cps
Terbium	159-1	19034598	19355558	19183721	19191292	0.84	cps
Terbium	159-2	8581629	8689312	8626040	8632327	0.63	cps
Thallium	203-1	9229	6735	6602	7522	19.67	cps
Thallium	205-1	20525	16845	14901	17423	16.40	cps
Tin	118-1	39757	39833	40351	39980	0.81	cps
Titanium	47-1	350799	360832	349345	353659	1.77	cps
Uranium	238-1	27380	27505	26612	27166	1.78	cps
Vanadium	51-2	38006	37732	37414	37717	0.78	cps
Yttrium	89-1	14598199	14631434	14460027	14563220	0.62	cps
Yttrium	89-2	1987551	1996335	1985617	1989834	0.29	cps
Zinc	66-2	19206	20251	19677	19711	2.65	cps
Zirconium	90-1	38647	39152	37676	38492	1.95	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:06:00	DataFile Name :	119SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8586	8879	8895	8787	1.98	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:09:29	DataFile Name :	120SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	683	450	569	20.50	cps
Antimony	121-1	19965	22586	25082	22544	11.35	cps
Arsenic	75-2	285	317	267	290	8.73	cps
Barium	135-1	234309	228661	229876	230949	1.29	cps
Barium	137-1	410302	398481	399978	402920	1.60	cps
Beryllium	9-1	178	200	122	167	24.04	cps
Bismuth	209-1	11848020	11554624	11788967	11730537	1.32	cps
Bismuth	209-2	6004806	5991066	5998595	5998156	0.11	cps
Boron	10-1	62295	61031	60990	61439	1.21	cps
Boron	11-1	311300	307651	312125	310359	0.77	cps
Cadmium	111-1	10493	9535	10353	10127	5.11	cps
Cadmium	106-1	5510	4776	5610	5298	8.59	cps
Cadmium	108-1	504	454	500	486	5.71	cps
Calcium	43-1	3913853	3867652	3837489	3872998	0.99	cps
Calcium	44-1	63642981	63270822	62940747	63284850	0.56	cps
Chromium	52-2	1853	1950	1910	1905	2.55	cps
Cobalt	59-2	84656	84327	83221	84068	0.89	cps
Copper	63-2	105224	102694	102636	103518	1.43	cps
Dysprosium	156-1	1267	1592	1208	1356	15.24	cps
Dysprosium	156-2	657	720	657	678	5.39	cps
Erbium	164-1	2542	2300	2167	2336	8.14	cps
Erbium	164-2	1087	1100	1130	1106	2.01	cps
Gadolinium	160-1	1634	1567	1734	1645	5.10	cps
Gadolinium	160-2	897	807	900	868	6.10	cps
Holmium	165-1	18156556	18021171	18184791	18120839	0.48	cps
Holmium	165-2	8561858	8696433	8502063	8586785	1.16	cps
Indium	115-1	13775472	13451164	13716774	13647803	1.27	cps
Indium	115-2	2455311	2469078	2461615	2462001	0.28	cps
Iron	56-2	31345	32655	31663	31888	2.14	cps
Iron	57-2	1772	2089	1767	1876	9.83	cps
Lead	206-1	7108	6769	7280	7052	3.69	cps
Lead	207-1	6185	6085	5896	6055	2.42	cps
Lead	208-1	28296	27495	27195	27662	2.06	cps
Lithium	6-1	1768176	1743794	1755898	1755956	0.69	cps
Magnesium	24-2	12779053	12678673	12619712	12692479	0.63	cps
Manganese	55-2	38290552	38069343	37958679	38106191	0.44	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:09:29	DataFile Name :	120SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7978	7961	8261	8067	2.09	cps
Molybdenum	95-1	12406	12322	12840	12523	2.22	cps
Molybdenum	96-1	12706	12823	12948	12826	0.94	cps
Molybdenum	97-1	7144	6835	7519	7166	4.78	cps
Molybdenum	98-1	18129	18471	18605	18401	1.33	cps
Neodymium	150-1	1427	1447	1240	1371	8.31	cps
Neodymium	150-2	470	460	423	451	5.45	cps
Nickel	60-2	51169	52139	52731	52013	1.52	cps
Phosphorus	31-2	325	208	300	278	22.11	cps
Potassium	39-2	2494629	2488935	2480488	2488017	0.29	cps
Rhodium	103-1	12096905	11938769	11769099	11934924	1.37	cps
Rhodium	103-2	5456369	5465995	5448778	5457047	0.16	cps
Scandium	45-1	7718997	7573416	7643165	7645193	0.95	cps
Scandium	45-2	346040	344214	340608	343621	0.80	cps
Selenium	77-2	40	37	30	36	14.32	cps
Selenium	78-2	104	113	109	109	4.29	cps
Selenium	82-1	542	662	669	625	11.47	cps
Silicon	28-1	23396305	23377860	23336577	23370247	0.13	cps
Silver	109-1	6318	6277	6302	6299	0.33	cps
Silver	107-1	6360	6418	6293	6357	0.98	cps
Sodium	23-2	279801440	280296223	278239765	279445809	0.38	cps
Strontium	86-1	2753432	2699558	2741693	2731561	1.04	cps
Strontium	88-1	24085254	23697267	24041631	23941384	0.89	cps
Sulfur	34-1	3387677	3335444	3323985	3349035	1.01	cps
Terbium	159-1	18926494	18575243	18574722	18692153	1.09	cps
Terbium	159-2	8604312	8630671	8528103	8587695	0.62	cps
Thallium	203-1	3576	3626	3409	3537	3.21	cps
Thallium	205-1	8428	8703	8253	8461	2.68	cps
Tin	118-1	22544	22319	22994	22619	1.52	cps
Titanium	47-1	992	958	1008	986	2.58	cps
Uranium	238-1	8178	7944	8236	8120	1.90	cps
Vanadium	51-2	1170	1393	1197	1253	9.73	cps
Yttrium	89-1	13631931	13425421	13692301	13583218	1.03	cps
Yttrium	89-2	1905023	1890851	1893804	1896559	0.39	cps
Zinc	66-2	8846	8456	8886	8729	2.72	cps
Zirconium	90-1	3676	4534	4042	4084	10.55	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06	Instrumnet Name :	P7
Client Sample ID :	TWP-07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:09:29	DataFile Name :	120SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	1017	1042	1061	5.35	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:12:59	DataFile Name :	121SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294805	295855	292182	294281	0.64	cps
Antimony	121-1	14358	15793	16836	15662	7.94	cps
Arsenic	75-2	1324	1267	1348	1313	3.19	cps
Barium	135-1	315838	304502	309816	310052	1.83	cps
Barium	137-1	541582	539611	537596	539596	0.37	cps
Beryllium	9-1	606	556	589	583	4.36	cps
Bismuth	209-1	11810146	11737371	11800846	11782788	0.34	cps
Bismuth	209-2	6014352	6033245	6023573	6023723	0.16	cps
Boron	10-1	57619	58472	58121	58070	0.74	cps
Boron	11-1	298658	297472	300810	298980	0.57	cps
Cadmium	111-1	11495	12265	11626	11795	3.49	cps
Cadmium	106-1	5710	6018	5785	5838	2.76	cps
Cadmium	108-1	529	567	608	568	6.97	cps
Calcium	43-1	3484303	3489519	3458241	3477354	0.48	cps
Calcium	44-1	56966791	56733645	56518789	56739742	0.39	cps
Chromium	52-2	22905	23499	22845	23083	1.57	cps
Cobalt	59-2	92657	92942	92710	92770	0.16	cps
Copper	63-2	180632	180649	178615	179965	0.65	cps
Dysprosium	156-1	35091	34820	33425	34445	2.60	cps
Dysprosium	156-2	14658	15325	14788	14924	2.37	cps
Erbium	164-1	30861	31529	30401	30930	1.83	cps
Erbium	164-2	13847	13977	13981	13935	0.55	cps
Gadolinium	160-1	33208	32857	33584	33216	1.09	cps
Gadolinium	160-2	17191	17465	16941	17199	1.52	cps
Holmium	165-1	18115252	18367604	18162005	18214954	0.74	cps
Holmium	165-2	8541922	8586265	8521430	8549872	0.39	cps
Indium	115-1	13644940	13709925	13712053	13688973	0.28	cps
Indium	115-2	2433633	2424913	2437978	2432175	0.27	cps
Iron	56-2	15706049	16303624	15636943	15882205	2.31	cps
Iron	57-2	382617	377915	380758	380430	0.62	cps
Lead	206-1	50284	51148	50797	50743	0.86	cps
Lead	207-1	42345	42479	41437	42087	1.35	cps
Lead	208-1	197507	197856	195427	196930	0.67	cps
Lithium	6-1	1730146	1706863	1721591	1719533	0.68	cps
Magnesium	24-2	11472941	11426859	11351308	11417036	0.54	cps
Manganese	55-2	40066101	39765733	39881570	39904468	0.38	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:12:59	DataFile Name :	121SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16569	16519	16510	16532	0.19	cps
Molybdenum	95-1	7761	8161	8395	8105	3.95	cps
Molybdenum	96-1	9912	9437	10555	9968	5.63	cps
Molybdenum	97-1	4359	4968	4859	4729	6.86	cps
Molybdenum	98-1	11255	11213	12323	11597	5.42	cps
Neodymium	150-1	45616	44807	44647	45023	1.15	cps
Neodymium	150-2	16617	16243	16540	16467	1.20	cps
Nickel	60-2	57175	57074	56284	56844	0.86	cps
Phosphorus	31-2	992	1042	1042	1025	2.82	cps
Potassium	39-2	2282599	2286448	2274056	2281034	0.28	cps
Rhodium	103-1	11896002	11883206	11973657	11917621	0.41	cps
Rhodium	103-2	5418502	5395508	5440399	5418137	0.41	cps
Scandium	45-1	7648517	7744622	7639581	7677573	0.76	cps
Scandium	45-2	339554	341037	339030	339874	0.31	cps
Selenium	77-2	80	107	60	82	28.48	cps
Selenium	78-2	159	148	146	151	4.63	cps
Selenium	82-1	692	892	667	750	16.48	cps
Silicon	28-1	42025898	41210411	43300250	42178853	2.50	cps
Silver	109-1	5143	4968	5009	5040	1.81	cps
Silver	107-1	5343	4976	5185	5168	3.56	cps
Sodium	23-2	251647206	252383839	251074739	251701928	0.26	cps
Strontium	86-1	2468113	2452999	2460961	2460691	0.31	cps
Strontium	88-1	21650045	21669773	21800154	21706657	0.38	cps
Sulfur	34-1	4127427	4102630	4060498	4096852	0.83	cps
Terbium	159-1	18737426	18909551	18617462	18754813	0.78	cps
Terbium	159-2	8466728	8549185	8593186	8536366	0.75	cps
Thallium	203-1	4201	4109	3892	4067	3.89	cps
Thallium	205-1	9245	9537	9045	9276	2.67	cps
Tin	118-1	20099	20483	21492	20691	3.48	cps
Titanium	47-1	204000	200600	200597	201732	0.97	cps
Uranium	238-1	21711	22639	22128	22159	2.10	cps
Vanadium	51-2	24577	24881	24487	24649	0.84	cps
Yttrium	89-1	14114256	14124056	14061739	14100017	0.24	cps
Yttrium	89-2	1929675	1921420	1930434	1927176	0.26	cps
Zinc	66-2	14074	14204	13847	14041	1.29	cps
Zirconium	90-1	34852	33407	34494	34251	2.20	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:12:59	DataFile Name :	121SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7936	8837	7578	8117	8.00	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:16:30	DataFile Name :	122SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	433	375	389	10.13	cps
Antimony	121-1	9387	10971	11405	10588	10.03	cps
Arsenic	75-2	181	233	243	219	15.03	cps
Barium	135-1	193326	198226	196817	196123	1.29	cps
Barium	137-1	340962	345037	342288	342762	0.61	cps
Beryllium	9-1	122	150	117	130	13.77	cps
Bismuth	209-1	11738722	11764926	11670161	11724603	0.42	cps
Bismuth	209-2	5970011	6013988	6025439	6003146	0.49	cps
Boron	10-1	60756	60698	60831	60762	0.11	cps
Boron	11-1	308747	314771	313112	312210	1.00	cps
Cadmium	111-1	11597	11683	12225	11835	2.87	cps
Cadmium	106-1	5868	5643	6102	5871	3.91	cps
Cadmium	108-1	583	588	504	558	8.41	cps
Calcium	43-1	3676826	3700381	3695474	3690894	0.34	cps
Calcium	44-1	60301287	60367024	60410935	60359749	0.09	cps
Chromium	52-2	4781	4858	4581	4740	3.01	cps
Cobalt	59-2	82681	81384	81793	81953	0.81	cps
Copper	63-2	101603	101180	102093	101625	0.45	cps
Dysprosium	156-1	1517	1709	1584	1603	6.07	cps
Dysprosium	156-2	760	757	727	748	2.45	cps
Erbium	164-1	2634	2650	2384	2556	5.85	cps
Erbium	164-2	1240	1057	1217	1171	8.52	cps
Gadolinium	160-1	1892	1892	1984	1922	2.75	cps
Gadolinium	160-2	903	977	1003	961	5.39	cps
Holmium	165-1	18228583	18167611	18510869	18302355	1.00	cps
Holmium	165-2	8659997	8559720	8616738	8612152	0.58	cps
Indium	115-1	13531566	13593177	13694571	13606438	0.60	cps
Indium	115-2	2455162	2438247	2446837	2446748	0.35	cps
Iron	56-2	35811	36546	37003	36453	1.65	cps
Iron	57-2	1856	1834	2056	1915	6.39	cps
Lead	206-1	2689	2862	2873	2808	3.66	cps
Lead	207-1	2389	2295	2278	2321	2.58	cps
Lead	208-1	11130	10819	10808	10919	1.68	cps
Lithium	6-1	1655226	1679469	1680791	1671829	0.86	cps
Magnesium	24-2	12028145	12102811	11869309	12000088	0.99	cps
Manganese	55-2	42411861	42191333	42316481	42306558	0.26	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:16:30	DataFile Name :	122SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4551	4326	4418	4431	2.55	cps
Molybdenum	95-1	7427	7777	7802	7669	2.74	cps
Molybdenum	96-1	7027	7469	7060	7185	3.43	cps
Molybdenum	97-1	4017	4501	4426	4315	6.03	cps
Molybdenum	98-1	9787	10654	11205	10549	6.78	cps
Neodymium	150-1	1473	1520	1480	1491	1.69	cps
Neodymium	150-2	470	550	507	509	7.87	cps
Nickel	60-2	54494	54039	53812	54115	0.64	cps
Phosphorus	31-2	217	200	300	239	22.43	cps
Potassium	39-2	2350200	2334903	2324779	2336627	0.55	cps
Rhodium	103-1	12086708	12035131	12215971	12112603	0.77	cps
Rhodium	103-2	5472838	5485448	5473778	5477355	0.13	cps
Scandium	45-1	7728065	7668305	7592021	7662797	0.89	cps
Scandium	45-2	341759	340089	340747	340865	0.25	cps
Selenium	77-2	23	53	37	38	39.79	cps
Selenium	78-2	102	133	148	128	18.50	cps
Selenium	82-1	556	521	892	656	31.23	cps
Silicon	28-1	23669011	23691845	23813026	23724627	0.33	cps
Silver	109-1	3951	4017	3884	3951	1.69	cps
Silver	107-1	4292	3634	4076	4001	8.39	cps
Sodium	23-2	268532831	268859073	266549123	267980342	0.47	cps
Strontium	86-1	2571770	2587290	2575828	2578296	0.31	cps
Strontium	88-1	22606193	22786746	22818299	22737080	0.50	cps
Sulfur	34-1	3303401	3295607	3311611	3303540	0.24	cps
Terbium	159-1	18814707	19191200	19110069	19038659	1.04	cps
Terbium	159-2	8501040	8533252	8519603	8517965	0.19	cps
Thallium	203-1	3401	3351	3226	3326	2.71	cps
Thallium	205-1	7994	8111	8111	8072	0.83	cps
Tin	118-1	15860	16702	17478	16680	4.85	cps
Titanium	47-1	925	867	742	845	11.09	cps
Uranium	238-1	5793	5543	5843	5727	2.81	cps
Vanadium	51-2	1317	1397	1343	1352	3.01	cps
Yttrium	89-1	13425257	13669329	13655646	13583411	1.01	cps
Yttrium	89-2	1881402	1886428	1871249	1879693	0.41	cps
Zinc	66-2	14361	14107	14404	14291	1.12	cps
Zirconium	90-1	2075	2217	2092	2128	3.64	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:16:30	DataFile Name :	122SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	558	458	467	18.81	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-10	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:20:00	DataFile Name :	123SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	100	64	49.38	cps
Antimony	121-1	692	750	792	745	6.75	cps
Arsenic	75-2	20	28	24	24	15.39	cps
Barium	135-1	308	308	233	283	15.28	cps
Barium	137-1	483	517	525	508	4.34	cps
Beryllium	9-1	106	111	106	107	2.99	cps
Bismuth	209-1	15359954	15235202	15174798	15256651	0.62	cps
Bismuth	209-2	8349698	8217930	8200404	8256011	0.99	cps
Boron	10-1	2050	2217	2042	2103	4.69	cps
Boron	11-1	10871	10879	10371	10707	2.72	cps
Cadmium	111-1	4550	4468	4613	4544	1.60	cps
Cadmium	106-1	6518	6377	6593	6496	1.69	cps
Cadmium	108-1	25	29	21	25	16.68	cps
Calcium	43-1	400	367	417	394	6.45	cps
Calcium	44-1	15158	15200	14524	14961	2.53	cps
Chromium	52-2	810	927	910	882	7.15	cps
Cobalt	59-2	50	83	73	69	24.83	cps
Copper	63-2	22090	21663	20862	21538	2.90	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	30	47	17	31	48.31	cps
Gadolinium	160-1	167	167	142	158	9.12	cps
Gadolinium	160-2	53	37	50	47	18.89	cps
Holmium	165-1	23322199	22818733	22629931	22923621	1.56	cps
Holmium	165-2	10731850	10582051	10472334	10595412	1.23	cps
Indium	115-1	18089300	18017588	17663517	17923468	1.27	cps
Indium	115-2	3203898	3186007	3161674	3183860	0.67	cps
Iron	56-2	6040	5807	5790	5879	2.38	cps
Iron	57-2	150	139	172	154	11.04	cps
Lead	206-1	2089	2050	1972	2037	2.92	cps
Lead	207-1	1722	1695	1406	1608	10.91	cps
Lead	208-1	8262	8057	7551	7957	4.60	cps
Lithium	6-1	2088177	2068137	2032731	2063015	1.36	cps
Magnesium	24-2	608	633	483	575	13.98	cps
Manganese	55-2	1877	1853	1747	1826	3.80	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-10	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:20:00	DataFile Name :	123SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	450	575	494	14.13	cps
Molybdenum	95-1	400	475	508	461	12.03	cps
Molybdenum	96-1	558	450	717	575	23.32	cps
Molybdenum	97-1	233	408	458	367	32.22	cps
Molybdenum	98-1	592	775	958	775	23.66	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	270	263	297	277	6.37	cps
Phosphorus	31-2	192	208	175	192	8.70	cps
Potassium	39-2	47878	46674	46992	47182	1.32	cps
Rhodium	103-1	16674292	16492106	15998874	16388424	2.13	cps
Rhodium	103-2	7491356	7422247	7352633	7422079	0.93	cps
Scandium	45-1	10156448	10081594	9928023	10055355	1.16	cps
Scandium	45-2	443716	441033	442096	442282	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	85	83	88	7.94	cps
Selenium	82-1	-84	184	221	107	155.29	cps
Silicon	28-1	372784	372814	369767	371789	0.47	cps
Silver	109-1	1517	1183	1250	1317	13.40	cps
Silver	107-1	1425	1400	1275	1367	5.88	cps
Sodium	23-2	74443	74251	73773	74156	0.47	cps
Strontium	86-1	5493	5335	5401	5410	1.47	cps
Strontium	88-1	1292	1192	1183	1222	4.93	cps
Sulfur	34-1	651432	650727	650915	651025	0.06	cps
Terbium	159-1	24282302	24030022	23364901	23892409	1.98	cps
Terbium	159-2	10757898	10537552	10461439	10585630	1.45	cps
Thallium	203-1	92	83	133	103	26.06	cps
Thallium	205-1	133	292	242	222	36.42	cps
Tin	118-1	1333	1550	1425	1436	7.57	cps
Titanium	47-1	117	142	217	158	32.87	cps
Uranium	238-1	92	117	150	119	24.50	cps
Vanadium	51-2	90	73	97	87	13.87	cps
Yttrium	89-1	17714071	17399598	17295981	17469883	1.25	cps
Yttrium	89-2	2415389	2401483	2390985	2402619	0.51	cps
Zinc	66-2	5311	5424	5091	5275	3.21	cps
Zirconium	90-1	783	808	1017	870	14.74	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-10	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:20:00	DataFile Name :	123SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	150	125	186	45.74	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-11	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:23:29	DataFile Name :	124SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	83	81	26.03	cps
Antimony	121-1	567	625	625	606	5.56	cps
Arsenic	75-2	24	30	61	38	52.19	cps
Barium	135-1	10504	10162	9971	10213	2.65	cps
Barium	137-1	18571	18263	18613	18482	1.04	cps
Beryllium	9-1	106	72	94	91	18.71	cps
Bismuth	209-1	14844536	14830813	14735705	14803685	0.40	cps
Bismuth	209-2	8315771	8202048	8133804	8217208	1.12	cps
Boron	10-1	1067	1158	1358	1195	12.49	cps
Boron	11-1	7027	6818	6860	6902	1.60	cps
Cadmium	111-1	4590	4116	4384	4363	5.45	cps
Cadmium	106-1	6510	5810	6218	6179	5.69	cps
Cadmium	108-1	13	25	21	19	32.73	cps
Calcium	43-1	1609	1408	1558	1525	6.83	cps
Calcium	44-1	32946	32595	32345	32629	0.93	cps
Chromium	52-2	690	607	577	624	9.40	cps
Cobalt	59-2	167	153	183	168	8.96	cps
Copper	63-2	19764	18976	19770	19503	2.34	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	30	43	33	36	19.51	cps
Gadolinium	160-1	117	117	108	114	4.22	cps
Gadolinium	160-2	57	73	53	61	17.53	cps
Holmium	165-1	22323227	22218024	21795602	22112284	1.26	cps
Holmium	165-2	10568070	10412258	10282952	10421093	1.37	cps
Indium	115-1	17606335	17409917	17287861	17434704	0.92	cps
Indium	115-2	3174237	3155431	3141222	3156963	0.52	cps
Iron	56-2	7302	7163	7485	7317	2.21	cps
Iron	57-2	217	117	144	159	32.41	cps
Lead	206-1	1817	2022	1884	1908	5.50	cps
Lead	207-1	1828	1706	1711	1748	3.95	cps
Lead	208-1	7801	8218	7751	7923	3.23	cps
Lithium	6-1	2070328	2044711	2004184	2039741	1.64	cps
Magnesium	24-2	2592	2550	2359	2500	4.98	cps
Manganese	55-2	12676	12342	12439	12485	1.37	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-11	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:23:29	DataFile Name :	124SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	508	450	486	6.49	cps
Molybdenum	95-1	367	442	275	361	23.12	cps
Molybdenum	96-1	508	633	625	589	11.87	cps
Molybdenum	97-1	233	383	375	331	25.50	cps
Molybdenum	98-1	425	492	675	531	24.40	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	990	1053	1040	1028	3.25	cps
Phosphorus	31-2	175	167	175	172	2.80	cps
Potassium	39-2	55346	55556	56283	55728	0.88	cps
Rhodium	103-1	16262887	15876857	15684660	15941468	1.85	cps
Rhodium	103-2	7367853	7320491	7318663	7335669	0.38	cps
Scandium	45-1	9931591	9848376	9654217	9811395	1.45	cps
Scandium	45-2	443025	442928	439304	441752	0.48	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	93	93	96	94	2.28	cps
Selenium	82-1	-128	-108	13	-74	-103.18	cps
Silicon	28-1	399032	403791	401124	401316	0.59	cps
Silver	109-1	808	808	842	820	2.35	cps
Silver	107-1	1000	1033	833	956	11.21	cps
Sodium	23-2	90984	89156	90204	90115	1.02	cps
Strontium	86-1	6443	6202	6435	6360	2.16	cps
Strontium	88-1	8428	7777	7861	8022	4.41	cps
Sulfur	34-1	657871	662772	665271	661972	0.57	cps
Terbium	159-1	23493710	23087691	22487357	23022919	2.20	cps
Terbium	159-2	10609824	10436302	10283777	10443301	1.56	cps
Thallium	203-1	92	83	67	81	15.80	cps
Thallium	205-1	142	233	158	178	27.47	cps
Tin	118-1	1367	1392	1225	1328	6.77	cps
Titanium	47-1	150	125	133	136	9.35	cps
Uranium	238-1	117	83	117	106	18.23	cps
Vanadium	51-2	123	93	83	100	20.82	cps
Yttrium	89-1	17215626	17174923	16663566	17018038	1.81	cps
Yttrium	89-2	2402190	2376592	2375776	2384853	0.63	cps
Zinc	66-2	8006	8142	7856	8001	1.79	cps
Zirconium	90-1	842	667	800	770	11.88	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-11	Instrumnet Name :	P7
Client Sample ID :	FIELDBLANK	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:23:29	DataFile Name :	124SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	158	217	192	15.68	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01	Instrumnet Name :	P7
Client Sample ID :	RD-2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:26:58	DataFile Name :	125SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4809	5561	5693	5354	8.90	cps
Antimony	121-1	15259	15317	15784	15454	1.86	cps
Arsenic	75-2	335	357	381	358	6.47	cps
Barium	135-1	186402	185040	188174	186539	0.84	cps
Barium	137-1	321301	322809	322709	322273	0.26	cps
Beryllium	9-1	89	94	111	98	11.78	cps
Bismuth	209-1	13050326	12949493	12722766	12907529	1.30	cps
Bismuth	209-2	6488610	6462323	6478716	6476550	0.20	cps
Boron	10-1	9487	10004	10237	9909	3.88	cps
Boron	11-1	49582	49950	50861	50131	1.31	cps
Cadmium	111-1	4028	3981	3719	3909	4.26	cps
Cadmium	106-1	5176	5068	4726	4990	4.71	cps
Cadmium	108-1	71	71	63	68	7.07	cps
Calcium	43-1	6034514	6063679	6062622	6053605	0.27	cps
Calcium	44-1	96735952	96403565	96370877	96503465	0.21	cps
Chromium	52-2	2540	2834	2657	2677	5.52	cps
Cobalt	59-2	1260	1263	1333	1286	3.22	cps
Copper	63-2	84569	85850	84472	84963	0.90	cps
Dysprosium	156-1	358	442	433	411	11.16	cps
Dysprosium	156-2	203	190	130	174	22.39	cps
Erbium	164-1	442	458	425	442	3.77	cps
Erbium	164-2	173	187	207	189	8.88	cps
Gadolinium	160-1	392	508	542	481	16.39	cps
Gadolinium	160-2	230	230	227	229	0.84	cps
Holmium	165-1	18761297	18774884	18631337	18722506	0.42	cps
Holmium	165-2	8858554	8764951	8733743	8785749	0.74	cps
Indium	115-1	14470941	14312187	14101761	14294963	1.30	cps
Indium	115-2	2497537	2520115	2500353	2506001	0.49	cps
Iron	56-2	1029808	1027956	1037517	1031760	0.49	cps
Iron	57-2	26274	27421	27499	27065	2.53	cps
Lead	206-1	5451	4684	5040	5059	7.59	cps
Lead	207-1	4484	4540	4240	4421	3.61	cps
Lead	208-1	20907	19840	20068	20271	2.77	cps
Lithium	6-1	1774043	1763452	1738314	1758603	1.04	cps
Magnesium	24-2	10717615	10728613	10659234	10701821	0.35	cps
Manganese	55-2	136802	135873	137782	136819	0.70	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01	Instrumnet Name :	P7
Client Sample ID :	RD-2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:26:58	DataFile Name :	125SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4751	4609	4826	4729	2.33	cps
Molybdenum	95-1	4659	4801	4993	4818	3.47	cps
Molybdenum	96-1	5643	5610	5685	5646	0.67	cps
Molybdenum	97-1	3184	3225	2934	3114	5.07	cps
Molybdenum	98-1	7411	8194	8119	7908	5.47	cps
Neodymium	150-1	680	740	573	664	12.70	cps
Neodymium	150-2	240	283	197	240	18.06	cps
Nickel	60-2	1980	2150	2147	2092	4.65	cps
Phosphorus	31-2	200	250	217	222	11.46	cps
Potassium	39-2	305113	306897	306179	306063	0.29	cps
Rhodium	103-1	12625481	12591100	12693870	12636817	0.41	cps
Rhodium	103-2	5680441	5846814	5682231	5736495	1.67	cps
Scandium	45-1	7800000	7771941	7702135	7758025	0.65	cps
Scandium	45-2	339623	342214	341771	341203	0.41	cps
Selenium	77-2	17	13	37	22	56.80	cps
Selenium	78-2	74	96	111	94	19.86	cps
Selenium	82-1	-89	-30	-69	-63	-47.71	cps
Silicon	28-1	40120207	40205247	39868667	40064707	0.44	cps
Silver	109-1	6685	6318	6043	6349	5.07	cps
Silver	107-1	6652	6418	5793	6288	7.06	cps
Sodium	23-2	5394538	5385577	5390283	5390133	0.08	cps
Strontium	86-1	1215638	1222717	1209496	1215950	0.54	cps
Strontium	88-1	10752596	10771673	10632669	10718979	0.70	cps
Sulfur	34-1	3168435	3156884	3125800	3150373	0.70	cps
Terbium	159-1	19075529	19466968	19436156	19326217	1.13	cps
Terbium	159-2	8794746	8705383	8700976	8733702	0.61	cps
Thallium	203-1	225	242	225	231	4.17	cps
Thallium	205-1	600	642	442	561	18.81	cps
Tin	118-1	14825	16085	15676	15529	4.14	cps
Titanium	47-1	2425	2651	2784	2620	6.92	cps
Uranium	238-1	100801	99594	99283	99893	0.80	cps
Vanadium	51-2	3144	3160	3344	3216	3.45	cps
Yttrium	89-1	13856279	13875666	13771530	13834492	0.40	cps
Yttrium	89-2	1902346	1914727	1902904	1906659	0.37	cps
Zinc	66-2	13590	13510	13520	13540	0.32	cps
Zirconium	90-1	5210	5676	5643	5510	4.73	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01	Instrumnet Name :	P7
Client Sample ID :	RD-2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:26:58	DataFile Name :	125SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1258	1275	1358	1297	4.13	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01DUP	Instrumnet Name :	P7
Client Sample ID :	RD-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:30:27	DataFile Name :	126SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5977	5126	5527	5543	7.68	cps
Antimony	121-1	13966	13665	14224	13952	2.01	cps
Arsenic	75-2	398	372	374	381	3.79	cps
Barium	135-1	188538	187211	184906	186885	0.98	cps
Barium	137-1	326590	323285	327249	325708	0.65	cps
Beryllium	9-1	156	94	139	130	24.37	cps
Bismuth	209-1	12925157	12766709	12806351	12832739	0.64	cps
Bismuth	209-2	6417817	6431375	6422626	6423940	0.11	cps
Boron	10-1	9945	10487	9745	10059	3.82	cps
Boron	11-1	49064	48545	48713	48774	0.54	cps
Cadmium	111-1	3936	4048	3737	3907	4.04	cps
Cadmium	106-1	5051	5201	4793	5015	4.12	cps
Cadmium	108-1	29	67	50	49	38.65	cps
Calcium	43-1	6036360	6006426	6025108	6022631	0.25	cps
Calcium	44-1	96342644	96372896	97233200	96649580	0.52	cps
Chromium	52-2	2600	2617	2570	2596	0.91	cps
Cobalt	59-2	1170	1197	1270	1212	4.27	cps
Copper	63-2	83393	82179	82956	82843	0.74	cps
Dysprosium	156-1	558	400	433	464	17.99	cps
Dysprosium	156-2	183	250	183	206	18.73	cps
Erbium	164-1	492	467	392	450	11.57	cps
Erbium	164-2	200	157	203	187	13.95	cps
Gadolinium	160-1	467	542	417	475	13.25	cps
Gadolinium	160-2	300	313	223	279	17.42	cps
Holmium	165-1	18736676	19074823	19099342	18970280	1.07	cps
Holmium	165-2	8778684	8677850	8699544	8718693	0.61	cps
Indium	115-1	14383156	14187187	14212443	14260929	0.75	cps
Indium	115-2	2484844	2492180	2499598	2492207	0.30	cps
Iron	56-2	1028080	1050079	1026201	1034787	1.28	cps
Iron	57-2	27348	27076	27938	27454	1.61	cps
Lead	206-1	4412	4701	4618	4577	3.25	cps
Lead	207-1	3906	3962	3995	3954	1.14	cps
Lead	208-1	18450	18272	18222	18315	0.65	cps
Lithium	6-1	1720354	1689859	1673944	1694719	1.39	cps
Magnesium	24-2	10679594	10747137	10614037	10680256	0.62	cps
Manganese	55-2	135625	136553	134945	135708	0.59	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01DUP	Instrumnet Name :	P7
Client Sample ID :	RD-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:30:27	DataFile Name :	126SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4443	4643	4418	4501	2.74	cps
Molybdenum	95-1	4593	4751	4593	4645	1.97	cps
Molybdenum	96-1	5226	5168	5485	5293	3.19	cps
Molybdenum	97-1	2992	2800	2909	2900	3.31	cps
Molybdenum	98-1	7611	7711	7427	7583	1.90	cps
Neodymium	150-1	653	687	607	649	6.19	cps
Neodymium	150-2	237	267	233	246	7.48	cps
Nickel	60-2	2017	1964	1944	1975	1.92	cps
Phosphorus	31-2	300	225	250	258	14.78	cps
Potassium	39-2	302841	301669	304319	302943	0.44	cps
Rhodium	103-1	12663993	12485099	12771433	12640175	1.14	cps
Rhodium	103-2	5700603	5670863	5690033	5687166	0.27	cps
Scandium	45-1	7780861	7840267	7823874	7815001	0.39	cps
Scandium	45-2	342081	341166	339751	341000	0.34	cps
Selenium	77-2	30	37	37	34	11.18	cps
Selenium	78-2	94	133	91	106	22.22	cps
Selenium	82-1	123	-134	213	67	267.87	cps
Silicon	28-1	39936269	40062299	40005798	40001455	0.16	cps
Silver	109-1	4584	4659	4109	4451	6.70	cps
Silver	107-1	4526	4884	4601	4670	4.05	cps
Sodium	23-2	5349049	5308340	5321623	5326337	0.39	cps
Strontium	86-1	1222614	1213171	1205802	1213862	0.69	cps
Strontium	88-1	10728371	10823334	10665848	10739184	0.74	cps
Sulfur	34-1	3154296	3140008	3166873	3153726	0.43	cps
Terbium	159-1	19584625	19520848	19553069	19552847	0.16	cps
Terbium	159-2	8688228	8762017	8742695	8730980	0.44	cps
Thallium	203-1	208	233	167	203	16.61	cps
Thallium	205-1	533	425	383	447	17.31	cps
Tin	118-1	14349	14592	14049	14330	1.90	cps
Titanium	47-1	5265	3553	13674	7497	72.26	cps
Uranium	238-1	102363	100357	101006	101242	1.01	cps
Vanadium	51-2	3504	3754	3557	3605	3.65	cps
Yttrium	89-1	14209730	14136187	14079576	14141831	0.46	cps
Yttrium	89-2	1899825	1902918	1899284	1900676	0.10	cps
Zinc	66-2	12919	12993	12953	12955	0.28	cps
Zirconium	90-1	4818	4943	5226	4996	4.19	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01DUP	Instrumnet Name :	P7
Client Sample ID :	RD-2DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:30:27	DataFile Name :	126SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	1083	975	1056	6.72	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:33:56	DataFile Name :	127CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1301076	1294709	1296992	1297592	0.25	cps
Antimony	121-1	7838912	7857874	7824619	7840468	0.21	cps
Arsenic	75-2	268146	268073	270363	268861	0.48	cps
Barium	135-1	9510472	9501194	9518943	9510203	0.09	cps
Barium	137-1	16557597	16379514	16461495	16466202	0.54	cps
Beryllium	9-1	1303634	1303911	1305637	1304394	0.08	cps
Bismuth	209-1	12636454	12625827	12782654	12681645	0.69	cps
Bismuth	209-2	6669572	6702760	6744543	6705625	0.56	cps
Boron	10-1	161732	163835	164224	163264	0.82	cps
Boron	11-1	814345	817308	837730	823128	1.55	cps
Cadmium	111-1	1978601	1946557	1968863	1964674	0.84	cps
Cadmium	106-1	226245	220802	225102	224050	1.28	cps
Cadmium	108-1	146439	145753	146746	146313	0.35	cps
Calcium	43-1	2047518	2044876	2040954	2044449	0.16	cps
Calcium	44-1	33691408	33440607	33183702	33438572	0.76	cps
Chromium	52-2	2283525	2275834	2290143	2283167	0.31	cps
Cobalt	59-2	3746900	3757735	3781332	3761989	0.47	cps
Copper	63-2	5172573	5184902	5189762	5182412	0.17	cps
Dysprosium	156-1	225	142	150	172	26.65	cps
Dysprosium	156-2	53	43	47	48	10.66	cps
Erbium	164-1	50	67	142	86	56.70	cps
Erbium	164-2	57	30	47	44	30.31	cps
Gadolinium	160-1	208	175	150	178	16.46	cps
Gadolinium	160-2	47	90	47	61	40.93	cps
Holmium	165-1	18858247	18836655	18884354	18859752	0.13	cps
Holmium	165-2	9107680	9044654	9091810	9081381	0.36	cps
Indium	115-1	14398483	14252022	14376961	14342489	0.55	cps
Indium	115-2	2667903	2664769	2684896	2672523	0.41	cps
Iron	56-2	98274280	99123722	98766391	98721464	0.43	cps
Iron	57-2	2386337	2407567	2410910	2401604	0.55	cps
Lead	206-1	6533434	6450279	6497383	6493699	0.64	cps
Lead	207-1	5879801	5830359	5914498	5874886	0.72	cps
Lead	208-1	26975576	26601051	26899311	26825312	0.74	cps
Lithium	6-1	1642131	1627282	1627294	1632235	0.53	cps
Magnesium	24-2	15897873	15843017	15911697	15884196	0.23	cps
Manganese	55-2	2558402	2566208	2586101	2570237	0.56	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:33:56	DataFile Name :	127CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7025712	6924627	6901902	6950747	0.95	cps
Molybdenum	95-1	3698657	3645709	3637162	3660509	0.91	cps
Molybdenum	96-1	4761581	4730964	4731886	4741477	0.37	cps
Molybdenum	97-1	2298749	2287370	2287332	2291150	0.29	cps
Molybdenum	98-1	6166536	6098600	6074331	6113156	0.78	cps
Neodymium	150-1	707	707	587	667	10.39	cps
Neodymium	150-2	57	53	80	63	22.94	cps
Nickel	60-2	994365	993636	995727	994576	0.11	cps
Phosphorus	31-2	74285	75651	74921	74953	0.91	cps
Potassium	39-2	7959615	7865068	8015384	7946689	0.96	cps
Rhodium	103-1	12968589	12958754	12945844	12957729	0.09	cps
Rhodium	103-2	6171464	6094895	6127644	6131334	0.63	cps
Scandium	45-1	8226530	8161887	8237473	8208630	0.50	cps
Scandium	45-2	382413	380951	383434	382266	0.33	cps
Selenium	77-2	5338	5521	5424	5428	1.69	cps
Selenium	78-2	18310	18058	18163	18177	0.70	cps
Selenium	82-1	118897	118858	119617	119124	0.36	cps
Silicon	28-1	4785788	4808640	4858438	4817622	0.77	cps
Silver	109-1	9557589	9444692	9522228	9508170	0.61	cps
Silver	107-1	9835993	9796120	9874797	9835637	0.40	cps
Sodium	23-2	31902702	31568777	31634652	31702043	0.56	cps
Strontium	86-1	2400930	2375325	2400259	2392171	0.61	cps
Strontium	88-1	21067305	20821786	21008568	20965886	0.61	cps
Sulfur	34-1	1325404	1308411	1313978	1315931	0.66	cps
Terbium	159-1	19603975	19203349	19398842	19402055	1.03	cps
Terbium	159-2	9046046	9013517	9165064	9074876	0.88	cps
Thallium	203-1	8410457	8370449	8468728	8416545	0.59	cps
Thallium	205-1	19995749	19606419	19800656	19800941	0.98	cps
Tin	118-1	6532008	6599088	6603327	6578141	0.61	cps
Titanium	47-1	996176	999422	1007464	1001020	0.58	cps
Uranium	238-1	27643835	27259295	27526803	27476644	0.72	cps
Vanadium	51-2	1863754	1853120	1866959	1861278	0.39	cps
Yttrium	89-1	14271266	14349799	14400996	14340687	0.46	cps
Yttrium	89-2	2070464	2063178	2063972	2065871	0.19	cps
Zinc	66-2	747288	749359	753400	750015	0.41	cps
Zirconium	90-1	12982890	13004893	13092746	13026843	0.45	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:33:56	DataFile Name :	127CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2877556	2830343	2875737	2861212	0.93	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:40:49	DataFile Name :	129CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	58	67	12.50	cps
Antimony	121-1	7169	8086	9303	8186	13.08	cps
Arsenic	75-2	83	70	109	88	22.59	cps
Barium	135-1	133	108	100	114	15.23	cps
Barium	137-1	125	125	175	142	20.38	cps
Beryllium	9-1	161	144	189	165	13.62	cps
Bismuth	209-1	12847616	12805123	12633911	12762217	0.89	cps
Bismuth	209-2	7185560	7147379	7111504	7148148	0.52	cps
Boron	10-1	1992	1992	2059	2014	1.91	cps
Boron	11-1	9712	9387	9178	9426	2.85	cps
Cadmium	111-1	4038	3698	3878	3871	4.39	cps
Cadmium	106-1	5743	5226	5535	5501	4.73	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	317	383	325	342	10.63	cps
Calcium	44-1	12923	13715	12840	13159	3.67	cps
Chromium	52-2	1463	1457	1373	1431	3.50	cps
Cobalt	59-2	57	137	100	98	40.96	cps
Copper	63-2	18268	17317	17250	17612	3.23	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	17	23	30	23	28.56	cps
Gadolinium	160-1	142	100	100	114	21.12	cps
Gadolinium	160-2	40	43	57	47	18.90	cps
Holmium	165-1	18502494	18261500	18313623	18359206	0.69	cps
Holmium	165-2	8964900	9032221	9001590	8999570	0.37	cps
Indium	115-1	14773775	14516243	14457651	14582557	1.15	cps
Indium	115-2	2721069	2744601	2707696	2724455	0.69	cps
Iron	56-2	6646	6607	6691	6648	0.63	cps
Iron	57-2	150	67	144	120	38.71	cps
Lead	206-1	1917	1984	2234	2045	8.17	cps
Lead	207-1	1650	1889	1789	1776	6.76	cps
Lead	208-1	7818	8101	8162	8027	2.29	cps
Lithium	6-1	1670107	1666749	1646269	1661041	0.78	cps
Magnesium	24-2	358	283	300	314	12.55	cps
Manganese	55-2	550	500	493	514	6.02	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:40:49	DataFile Name :	129CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1125	1183	1325	1211	8.49	cps
Molybdenum	95-1	933	1117	1633	1228	29.57	cps
Molybdenum	96-1	1342	1308	2109	1586	28.53	cps
Molybdenum	97-1	775	800	1067	881	18.36	cps
Molybdenum	98-1	1675	2125	2884	2228	27.42	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	220	243	232	5.04	cps
Phosphorus	31-2	133	208	150	164	24.03	cps
Potassium	39-2	45605	45947	46666	46073	1.18	cps
Rhodium	103-1	13444728	13146499	13307338	13299522	1.12	cps
Rhodium	103-2	6329453	6328153	6273749	6310452	0.50	cps
Scandium	45-1	8300874	8252937	8141786	8231866	0.99	cps
Scandium	45-2	381935	384531	379871	382112	0.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	80	81	98	86	11.80	cps
Selenium	82-1	-196	-24	-127	-116	-75.14	cps
Silicon	28-1	424386	425195	420596	423392	0.58	cps
Silver	109-1	900	650	817	789	16.14	cps
Silver	107-1	958	792	933	895	10.05	cps
Sodium	23-2	44860	44584	44592	44678	0.35	cps
Strontium	86-1	5268	5643	4959	5290	6.47	cps
Strontium	88-1	483	617	533	544	12.37	cps
Sulfur	34-1	660944	670706	666405	666018	0.73	cps
Terbium	159-1	19286621	18959914	19069304	19105280	0.87	cps
Terbium	159-2	8903024	9082504	9042539	9009355	1.05	cps
Thallium	203-1	267	408	217	297	33.45	cps
Thallium	205-1	783	617	683	694	12.08	cps
Tin	118-1	1859	1759	2292	1970	14.40	cps
Titanium	47-1	133	175	217	175	23.81	cps
Uranium	238-1	183	167	167	172	5.59	cps
Vanadium	51-2	63	37	70	57	31.12	cps
Yttrium	89-1	14298362	14292031	14192636	14261010	0.42	cps
Yttrium	89-2	2054206	2069705	2053343	2059085	0.45	cps
Zinc	66-2	183	210	217	203	8.67	cps
Zirconium	90-1	1267	1550	1508	1442	10.61	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:40:49	DataFile Name :	129CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	242	333	272	19.44	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01LX5	Instrumnet Name :	P7
Client Sample ID :	RD-2L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 18:44:19	DataFile Name :	130SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1309	1233	1317	1286	3.58	cps
Antimony	121-1	8219	8370	8119	8236	1.53	cps
Arsenic	75-2	130	93	126	116	17.58	cps
Barium	135-1	37585	37686	37786	37686	0.27	cps
Barium	137-1	64358	66184	65514	65352	1.41	cps
Beryllium	9-1	183	161	78	141	39.54	cps
Bismuth	209-1	13102979	13046223	13160311	13103171	0.44	cps
Bismuth	209-2	7181964	7162372	7075479	7139938	0.79	cps
Boron	10-1	3417	2884	3109	3137	8.54	cps
Boron	11-1	15826	15233	14933	15331	2.96	cps
Cadmium	111-1	3532	3815	3797	3715	4.26	cps
Cadmium	106-1	4893	5310	5209	5137	4.24	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	1235397	1233923	1224926	1231415	0.46	cps
Calcium	44-1	20200932	20221711	20106080	20176241	0.31	cps
Chromium	52-2	1627	1540	1597	1588	2.77	cps
Cobalt	59-2	313	363	293	323	11.15	cps
Copper	63-2	31320	31641	31474	31478	0.51	cps
Dysprosium	156-1	150	108	92	117	25.76	cps
Dysprosium	156-2	50	40	33	41	20.41	cps
Erbium	164-1	175	125	133	144	18.54	cps
Erbium	164-2	80	57	67	68	17.27	cps
Gadolinium	160-1	208	233	192	211	9.93	cps
Gadolinium	160-2	70	83	107	87	21.42	cps
Holmium	165-1	19311223	19163387	18981924	19152178	0.86	cps
Holmium	165-2	9278151	9252030	9002415	9177532	1.66	cps
Indium	115-1	14923789	14901346	14908534	14911223	0.08	cps
Indium	115-2	2736414	2732648	2733530	2734197	0.07	cps
Iron	56-2	228303	226633	232366	229101	1.29	cps
Iron	57-2	5946	5724	5940	5870	2.16	cps
Lead	206-1	2072	1878	2167	2039	7.22	cps
Lead	207-1	1772	1834	1772	1793	1.97	cps
Lead	208-1	8279	7868	8201	8116	2.69	cps
Lithium	6-1	1692792	1686519	1686170	1688493	0.22	cps
Magnesium	24-2	2340424	2343486	2345788	2343233	0.11	cps
Manganese	55-2	29941	29867	29814	29874	0.21	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01LX5	Instrumnet Name :	P7
Client Sample ID :	RD-2L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 18:44:19	DataFile Name :	130SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1400	1800	1867	1689	14.94	cps
Molybdenum	95-1	1533	1583	1684	1600	4.77	cps
Molybdenum	96-1	1767	2009	2250	2009	12.03	cps
Molybdenum	97-1	1008	1067	1125	1067	5.47	cps
Molybdenum	98-1	2667	2742	2867	2759	3.66	cps
Neodymium	150-1	140	113	107	120	14.70	cps
Neodymium	150-2	57	87	37	60	41.94	cps
Nickel	60-2	637	803	640	693	13.74	cps
Phosphorus	31-2	225	217	142	194	23.61	cps
Potassium	39-2	102386	101647	102603	102212	0.49	cps
Rhodium	103-1	13539983	13495373	13538285	13524547	0.19	cps
Rhodium	103-2	6409568	6377849	6358405	6381941	0.40	cps
Scandium	45-1	8430826	8339810	8280667	8350434	0.91	cps
Scandium	45-2	376271	378155	376447	376958	0.28	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	122	80	87	96	23.63	cps
Selenium	82-1	157	-224	-30	-32	-591.54	cps
Silicon	28-1	8790376	8844140	8757538	8797351	0.50	cps
Silver	109-1	3651	3267	3434	3451	5.57	cps
Silver	107-1	3659	3667	3251	3526	6.76	cps
Sodium	23-2	1184803	1188854	1192801	1188819	0.34	cps
Strontium	86-1	252489	250871	249540	250966	0.59	cps
Strontium	88-1	2170391	2171600	2146267	2162753	0.66	cps
Sulfur	34-1	1174437	1174162	1171197	1173265	0.15	cps
Terbium	159-1	19816954	20052556	19720423	19863311	0.86	cps
Terbium	159-2	9226372	9151680	9217626	9198559	0.44	cps
Thallium	203-1	325	325	342	331	2.91	cps
Thallium	205-1	667	692	717	692	3.61	cps
Tin	118-1	2267	2234	2425	2309	4.44	cps
Titanium	47-1	934	633	683	750	21.46	cps
Uranium	238-1	19399	21010	19900	20103	4.10	cps
Vanadium	51-2	623	613	633	623	1.60	cps
Yttrium	89-1	14649674	14656160	14538291	14614708	0.45	cps
Yttrium	89-2	2066530	2067521	2061099	2065050	0.17	cps
Zinc	66-2	3050	3234	3030	3105	3.61	cps
Zirconium	90-1	2309	2575	2534	2473	5.80	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01LX5	Instrumnet Name :	P7
Client Sample ID :	RD-2L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 18:44:19	DataFile Name :	130SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	517	525	506	5.30	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MS	Instrumnet Name :	P7
Client Sample ID :	RD-2MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:47:48	DataFile Name :	131SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1160256	1167315	1160569	1162714	0.34	cps
Antimony	121-1	7999597	7952807	8077981	8010128	0.79	cps
Arsenic	75-2	253331	254313	254763	254136	0.29	cps
Barium	135-1	9667392	9805542	9825913	9766282	0.88	cps
Barium	137-1	16954440	16961496	16842595	16919511	0.39	cps
Beryllium	9-1	1110352	1103608	1110904	1108288	0.37	cps
Bismuth	209-1	12737484	12497575	12455573	12563544	1.21	cps
Bismuth	209-2	6254677	6318929	6283577	6285728	0.51	cps
Boron	10-1	326222	328494	331140	328619	0.75	cps
Boron	11-1	1622219	1610722	1630162	1621034	0.60	cps
Cadmium	111-1	1899452	1898352	1893313	1897039	0.17	cps
Cadmium	106-1	213335	214615	213052	213667	0.39	cps
Cadmium	108-1	140278	139953	140988	140406	0.38	cps
Calcium	43-1	7972876	7948028	7994866	7971923	0.29	cps
Calcium	44-1	127679461	126865299	128119461	127554740	0.50	cps
Chromium	52-2	2116661	2141912	2127718	2128764	0.59	cps
Cobalt	59-2	3449108	3484445	3454715	3462756	0.55	cps
Copper	63-2	5194282	5260218	5224311	5226270	0.63	cps
Dysprosium	156-1	750	600	642	664	11.66	cps
Dysprosium	156-2	247	287	213	249	14.75	cps
Erbium	164-1	9137	9078	8620	8945	3.17	cps
Erbium	164-2	4114	4047	4001	4054	1.41	cps
Gadolinium	160-1	1117	1167	1292	1192	7.57	cps
Gadolinium	160-2	603	563	623	597	5.12	cps
Holmium	165-1	18502257	18453511	18486947	18480905	0.13	cps
Holmium	165-2	8540945	8506062	8508317	8518441	0.23	cps
Indium	115-1	13574601	13496324	13479573	13516833	0.38	cps
Indium	115-2	2359951	2394720	2376692	2377121	0.73	cps
Iron	56-2	91156813	91481438	90602305	91080185	0.49	cps
Iron	57-2	2204897	2230121	2210680	2215233	0.60	cps
Lead	206-1	7276731	7242802	7283866	7267800	0.30	cps
Lead	207-1	5753313	5725295	5756629	5745079	0.30	cps
Lead	208-1	27886134	27797090	27976388	27886537	0.32	cps
Lithium	6-1	1648609	1629062	1637854	1638508	0.60	cps
Magnesium	24-2	25170491	25566093	25162200	25299594	0.91	cps
Manganese	55-2	2466350	2486690	2473502	2475514	0.42	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MS	Instrumnet Name :	P7
Client Sample ID :	RD-2MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:47:48	DataFile Name :	131SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9060952	8981398	9004975	9015775	0.45	cps
Molybdenum	95-1	7529073	7499050	7497903	7508676	0.24	cps
Molybdenum	96-1	8930614	8916578	9037938	8961710	0.74	cps
Molybdenum	97-1	4658770	4617635	4656194	4644200	0.50	cps
Molybdenum	98-1	12453291	12231324	12312611	12332408	0.91	cps
Neodymium	150-1	1407	1313	1367	1362	3.44	cps
Neodymium	150-2	267	223	240	243	8.98	cps
Nickel	60-2	922701	927069	924673	924814	0.24	cps
Phosphorus	31-2	208	250	217	225	9.80	cps
Potassium	39-2	7430694	7456532	7388734	7425320	0.46	cps
Rhodium	103-1	12192481	12224771	12249969	12222407	0.24	cps
Rhodium	103-2	5507403	5560963	5545663	5538010	0.50	cps
Scandium	45-1	7693939	7629271	7698650	7673953	0.51	cps
Scandium	45-2	334803	339487	335814	336701	0.73	cps
Selenium	77-2	5194	5321	5278	5264	1.22	cps
Selenium	78-2	17018	17464	16997	17160	1.54	cps
Selenium	82-1	120180	118980	120325	119828	0.62	cps
Silicon	28-1	44836210	44693151	44590551	44706637	0.28	cps
Silver	109-1	4321976	4332728	4302825	4319176	0.35	cps
Silver	107-1	4519802	4492016	4492701	4501507	0.35	cps
Sodium	23-2	33640418	34117123	33664210	33807250	0.79	cps
Strontium	86-1	3539896	3501986	3550267	3530717	0.72	cps
Strontium	88-1	30978133	30950122	31207116	31045124	0.45	cps
Sulfur	34-1	3083548	3062077	3059359	3068328	0.43	cps
Terbium	159-1	18961112	19174312	19187361	19107595	0.66	cps
Terbium	159-2	8496279	8564888	8542234	8534467	0.41	cps
Thallium	203-1	8368997	8376512	8394655	8380055	0.16	cps
Thallium	205-1	19946744	19890353	19918331	19918476	0.14	cps
Tin	118-1	12879168	12630666	12829889	12779908	1.03	cps
Titanium	47-1	1902016	1904158	1911112	1905762	0.25	cps
Uranium	238-1	28487850	28259389	28238802	28328680	0.49	cps
Vanadium	51-2	1690763	1721728	1702166	1704885	0.92	cps
Yttrium	89-1	13728273	13788701	13815605	13777526	0.32	cps
Yttrium	89-2	1855937	1877896	1871013	1868282	0.60	cps
Zinc	66-2	727464	729954	731577	729665	0.28	cps
Zirconium	90-1	12670476	12675633	12651562	12665890	0.10	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MS	Instrumnet Name :	P7
Client Sample ID :	RD-2MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:47:48	DataFile Name :	131SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2788892	2772477	2773703	2778357	0.33	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MSD	Instrumnet Name :	P7
Client Sample ID :	RD-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:51:14	DataFile Name :	132SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1152717	1138957	1144204	1145293	0.61	cps
Antimony	121-1	8096547	8154053	8142884	8131161	0.38	cps
Arsenic	75-2	253667	251147	251629	252148	0.53	cps
Barium	135-1	9868484	9930878	9977415	9925592	0.55	cps
Barium	137-1	17085164	17412033	17250242	17249147	0.95	cps
Beryllium	9-1	1110534	1120602	1116299	1115812	0.45	cps
Bismuth	209-1	12432785	12522304	12280012	12411700	0.99	cps
Bismuth	209-2	6181905	6111710	6111749	6135121	0.66	cps
Boron	10-1	333420	338643	341589	337884	1.22	cps
Boron	11-1	1653432	1684664	1684762	1674286	1.08	cps
Cadmium	111-1	1906712	1929700	1925383	1920599	0.64	cps
Cadmium	106-1	216091	218467	216734	217097	0.57	cps
Cadmium	108-1	143031	145290	142625	143649	1.00	cps
Calcium	43-1	8000469	8105959	8126860	8077763	0.84	cps
Calcium	44-1	128649220	129869390	129641557	129386722	0.50	cps
Chromium	52-2	2128372	2106916	2113124	2116137	0.52	cps
Cobalt	59-2	3457246	3447224	3447299	3450590	0.17	cps
Copper	63-2	5217937	5191921	5186351	5198736	0.32	cps
Dysprosium	156-1	708	708	750	722	3.33	cps
Dysprosium	156-2	227	213	267	236	11.78	cps
Erbium	164-1	9262	9470	8778	9170	3.87	cps
Erbium	164-2	4151	4121	4157	4143	0.47	cps
Gadolinium	160-1	1117	1283	1125	1175	7.99	cps
Gadolinium	160-2	570	527	550	549	3.95	cps
Holmium	165-1	18413423	18950493	18562035	18641984	1.49	cps
Holmium	165-2	8497545	8379146	8428048	8434913	0.71	cps
Indium	115-1	13398698	13559207	13398426	13452110	0.69	cps
Indium	115-2	2336837	2327613	2334082	2332844	0.20	cps
Iron	56-2	91720410	90435608	90536663	90897560	0.79	cps
Iron	57-2	2214133	2207897	2217822	2213284	0.23	cps
Lead	206-1	7372345	7506608	7364333	7414429	1.08	cps
Lead	207-1	5834948	5932967	5871269	5879728	0.84	cps
Lead	208-1	28362994	28824321	28361883	28516400	0.94	cps
Lithium	6-1	1596670	1604171	1605140	1601994	0.29	cps
Magnesium	24-2	25112080	24597663	24903645	24871129	1.04	cps
Manganese	55-2	2470229	2442515	2458887	2457210	0.57	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MSD	Instrumnet Name :	P7
Client Sample ID :	RD-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:51:14	DataFile Name :	132SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8996688	9211265	9106975	9104976	1.18	cps
Molybdenum	95-1	7526398	7720204	7679263	7641955	1.34	cps
Molybdenum	96-1	9050743	9224603	9210488	9161945	1.05	cps
Molybdenum	97-1	4660998	4748806	4723617	4711141	0.96	cps
Molybdenum	98-1	12331085	12576515	12385617	12431072	1.04	cps
Neodymium	150-1	1293	1353	1400	1349	3.96	cps
Neodymium	150-2	270	290	243	268	8.74	cps
Nickel	60-2	928873	927309	920255	925479	0.50	cps
Phosphorus	31-2	217	192	200	203	6.28	cps
Potassium	39-2	7446071	7372669	7410362	7409701	0.50	cps
Rhodium	103-1	12187988	12488526	12113355	12263290	1.62	cps
Rhodium	103-2	5462633	5437865	5434278	5444925	0.28	cps
Scandium	45-1	7643321	7757858	7736064	7712414	0.79	cps
Scandium	45-2	333655	329308	330829	331264	0.67	cps
Selenium	77-2	4908	4948	4868	4908	0.82	cps
Selenium	78-2	16678	16789	16802	16757	0.41	cps
Selenium	82-1	120317	120455	121026	120599	0.31	cps
Silicon	28-1	44635354	44743907	44850879	44743380	0.24	cps
Silver	109-1	4345532	4420649	4406417	4390866	0.91	cps
Silver	107-1	4529538	4621098	4557250	4569295	1.03	cps
Sodium	23-2	34052073	33282554	33695154	33676593	1.14	cps
Strontium	86-1	3568791	3607430	3573076	3583099	0.59	cps
Strontium	88-1	31302487	31558382	31796766	31552545	0.78	cps
Sulfur	34-1	3056801	3103508	3099771	3086693	0.84	cps
Terbium	159-1	19025566	19341234	19238900	19201900	0.84	cps
Terbium	159-2	8475957	8431218	8456656	8454611	0.27	cps
Thallium	203-1	8540656	8637647	8519493	8565932	0.74	cps
Thallium	205-1	20184720	20504344	20362667	20350577	0.79	cps
Tin	118-1	12976202	13135001	12990592	13033931	0.67	cps
Titanium	47-1	1922361	1931051	1938317	1930576	0.41	cps
Uranium	238-1	29038585	29203432	28900281	29047433	0.52	cps
Vanadium	51-2	1715718	1695145	1697022	1702628	0.67	cps
Yttrium	89-1	13656215	13761084	13667903	13695067	0.42	cps
Yttrium	89-2	1825938	1822435	1831946	1826773	0.26	cps
Zinc	66-2	725401	716960	721969	721443	0.59	cps
Zirconium	90-1	12717084	12802335	12663766	12727728	0.55	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01MSD	Instrumnet Name :	P7
Client Sample ID :	RD-2MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:51:14	DataFile Name :	132SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2794770	2822742	2824477	2813996	0.59	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01A	Instrumnet Name :	P7
Client Sample ID :	RD-2A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:54:40	DataFile Name :	133SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1179183	1165773	1177258	1174071	0.62	cps
Antimony	121-1	8093116	8175837	8260543	8176499	1.02	cps
Arsenic	75-2	257208	259159	259124	258497	0.43	cps
Barium	135-1	9885297	9980543	10083229	9983023	0.99	cps
Barium	137-1	17086775	17316995	17515760	17306510	1.24	cps
Beryllium	9-1	1115107	1116280	1117639	1116342	0.11	cps
Bismuth	209-1	12405378	12640274	12706575	12584076	1.26	cps
Bismuth	209-2	6300884	6337389	6331426	6323233	0.31	cps
Boron	10-1	334566	343455	343538	340520	1.51	cps
Boron	11-1	1657465	1687544	1720698	1688569	1.87	cps
Cadmium	111-1	1919855	1938045	1951714	1936538	0.83	cps
Cadmium	106-1	215912	216732	220032	217559	1.00	cps
Cadmium	108-1	143825	143757	146077	144553	0.91	cps
Calcium	43-1	8066312	8095734	8239308	8133785	1.14	cps
Calcium	44-1	129913853	130651053	131066432	130543779	0.45	cps
Chromium	52-2	2169580	2159873	2172411	2167288	0.30	cps
Cobalt	59-2	3534048	3532370	3548107	3538175	0.24	cps
Copper	63-2	5321469	5318085	5358914	5332823	0.42	cps
Dysprosium	156-1	808	625	792	742	13.67	cps
Dysprosium	156-2	263	220	270	251	10.81	cps
Erbium	164-1	9329	9354	9153	9279	1.18	cps
Erbium	164-2	4311	3971	4194	4158	4.16	cps
Gadolinium	160-1	1392	1267	1125	1261	10.58	cps
Gadolinium	160-2	577	593	650	607	6.34	cps
Holmium	165-1	18856041	18643643	18849579	18783088	0.64	cps
Holmium	165-2	8688373	8680280	8759288	8709314	0.50	cps
Indium	115-1	13511417	13601886	13809726	13641010	1.12	cps
Indium	115-2	2376790	2384437	2399744	2386990	0.49	cps
Iron	56-2	93207472	92874072	92755185	92945576	0.25	cps
Iron	57-2	2261089	2256522	2271917	2263176	0.35	cps
Lead	206-1	7405212	7475866	7485000	7455359	0.59	cps
Lead	207-1	5852571	5920691	5980302	5917854	1.08	cps
Lead	208-1	28350885	28789685	28978518	28706363	1.12	cps
Lithium	6-1	1576652	1598902	1594479	1590011	0.74	cps
Magnesium	24-2	25840301	25503600	25513341	25619081	0.75	cps
Manganese	55-2	2521651	2500808	2508166	2510208	0.42	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01A	Instrumnet Name :	P7
Client Sample ID :	RD-2A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:54:40	DataFile Name :	133SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9138753	9187028	9186922	9170901	0.30	cps
Molybdenum	95-1	7651644	7688688	7687089	7675807	0.27	cps
Molybdenum	96-1	9151450	9209970	9243399	9201607	0.51	cps
Molybdenum	97-1	4684120	4728463	4734717	4715767	0.58	cps
Molybdenum	98-1	12458367	12472569	12586022	12505653	0.56	cps
Neodymium	150-1	1207	1493	1327	1342	10.73	cps
Neodymium	150-2	233	230	270	244	9.08	cps
Nickel	60-2	946285	945734	950185	947401	0.26	cps
Phosphorus	31-2	217	258	275	250	12.02	cps
Potassium	39-2	7518176	7524691	7533840	7525569	0.10	cps
Rhodium	103-1	12371178	12388364	12429681	12396408	0.24	cps
Rhodium	103-2	5601302	5606977	5632021	5613433	0.29	cps
Scandium	45-1	7747754	7773890	7827376	7783007	0.52	cps
Scandium	45-2	341117	337519	339845	339494	0.54	cps
Selenium	77-2	5118	5141	5124	5128	0.23	cps
Selenium	78-2	17435	17411	17509	17451	0.29	cps
Selenium	82-1	122164	121670	122938	122257	0.52	cps
Silicon	28-1	44456007	44999224	46228015	45227749	2.01	cps
Silver	109-1	4385378	4424691	4432475	4414181	0.57	cps
Silver	107-1	4560694	4594546	4627392	4594211	0.73	cps
Sodium	23-2	34537988	34425886	34459068	34474314	0.17	cps
Strontium	86-1	3603923	3615921	3640407	3620084	0.51	cps
Strontium	88-1	31671428	31865878	32020932	31852746	0.55	cps
Sulfur	34-1	3075482	3089812	3108319	3091205	0.53	cps
Terbium	159-1	19076273	19300757	19664002	19347011	1.53	cps
Terbium	159-2	8669568	8593159	8654862	8639196	0.47	cps
Thallium	203-1	8660894	8623037	8671754	8651895	0.30	cps
Thallium	205-1	20359209	20547999	20608970	20505393	0.64	cps
Tin	118-1	13015047	13179891	13099053	13097997	0.63	cps
Titanium	47-1	1943742	1955222	1956651	1951872	0.36	cps
Uranium	238-1	28893095	29448864	29368066	29236675	1.03	cps
Vanadium	51-2	1742892	1732752	1750187	1741944	0.50	cps
Yttrium	89-1	13847124	13983542	13960444	13930370	0.52	cps
Yttrium	89-2	1877914	1868759	1891307	1879327	0.60	cps
Zinc	66-2	740331	738645	742900	740625	0.29	cps
Zirconium	90-1	12808690	12869664	12862027	12846794	0.26	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-01A	Instrumnet Name :	P7
Client Sample ID :	RD-2A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:54:40	DataFile Name :	133SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2797845	2820065	2840332	2819414	0.75	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-02	Instrumnet Name :	P7
Client Sample ID :	RD-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:58:06	DataFile Name :	134SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4610	4893	4860	4787	3.24	cps
Antimony	121-1	16260	17220	17178	16886	3.21	cps
Arsenic	75-2	565	663	604	611	8.10	cps
Barium	135-1	183571	186669	187009	185749	1.02	cps
Barium	137-1	323097	323145	319937	322060	0.57	cps
Beryllium	9-1	322	389	367	359	9.45	cps
Bismuth	209-1	12572573	12750579	12632842	12651998	0.72	cps
Bismuth	209-2	6275370	6272473	6346791	6298211	0.67	cps
Boron	10-1	19847	18787	18954	19196	2.97	cps
Boron	11-1	96557	94495	91300	94117	2.81	cps
Cadmium	111-1	4005	4075	3978	4019	1.25	cps
Cadmium	106-1	4718	4951	4884	4851	2.48	cps
Cadmium	108-1	92	100	71	88	17.17	cps
Calcium	43-1	5856965	5903499	5874590	5878352	0.40	cps
Calcium	44-1	93576431	95149260	95298015	94674569	1.01	cps
Chromium	52-2	3360	3467	3494	3440	2.05	cps
Cobalt	59-2	1093	1147	1133	1125	2.47	cps
Copper	63-2	76733	76184	76549	76489	0.37	cps
Dysprosium	156-1	475	300	508	428	26.16	cps
Dysprosium	156-2	150	140	203	164	20.71	cps
Erbium	164-1	442	492	492	475	6.08	cps
Erbium	164-2	233	223	253	237	6.45	cps
Gadolinium	160-1	533	517	433	494	10.84	cps
Gadolinium	160-2	273	217	317	269	18.65	cps
Holmium	165-1	18516205	18770719	18978074	18754999	1.23	cps
Holmium	165-2	8597316	8597147	8535759	8576741	0.41	cps
Indium	115-1	13882715	14075099	13948394	13968736	0.70	cps
Indium	115-2	2428872	2422695	2427201	2426256	0.13	cps
Iron	56-2	668585	673757	672780	671708	0.41	cps
Iron	57-2	17822	18317	18279	18139	1.52	cps
Lead	206-1	4184	4490	4340	4338	3.52	cps
Lead	207-1	4095	3712	3506	3771	7.93	cps
Lead	208-1	17600	17522	16571	17231	3.32	cps
Lithium	6-1	1585063	1584092	1569758	1579638	0.54	cps
Magnesium	24-2	10423642	10460072	10422430	10435381	0.20	cps
Manganese	55-2	115317	115525	116816	115886	0.70	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-02	Instrumnet Name :	P7
Client Sample ID :	RD-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:58:06	DataFile Name :	134SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7894	8686	9403	8661	8.72	cps
Molybdenum	95-1	8336	9070	9745	9050	7.79	cps
Molybdenum	96-1	9545	10529	11722	10599	10.28	cps
Molybdenum	97-1	5435	5785	6285	5835	7.33	cps
Molybdenum	98-1	13357	15034	16418	14936	10.26	cps
Neodymium	150-1	720	680	720	707	3.27	cps
Neodymium	150-2	247	163	230	213	20.67	cps
Nickel	60-2	1933	2050	2180	2055	6.01	cps
Phosphorus	31-2	242	167	225	211	18.65	cps
Potassium	39-2	283847	289735	288460	287347	1.08	cps
Rhodium	103-1	12250818	12344354	12600479	12398550	1.46	cps
Rhodium	103-2	5575463	5599729	5604431	5593208	0.28	cps
Scandium	45-1	7466089	7642326	7590328	7566248	1.20	cps
Scandium	45-2	327220	326846	328646	327571	0.29	cps
Selenium	77-2	43	37	37	39	9.89	cps
Selenium	78-2	119	139	130	129	7.91	cps
Selenium	82-1	184	-212	93	22	946.19	cps
Silicon	28-1	38249910	38767303	38715879	38577697	0.74	cps
Silver	109-1	4651	4326	4342	4440	4.12	cps
Silver	107-1	4493	4768	4909	4723	4.49	cps
Sodium	23-2	5247012	5276092	5212317	5245141	0.61	cps
Strontium	86-1	1175487	1204107	1181109	1186901	1.28	cps
Strontium	88-1	10426451	10490288	10530134	10482291	0.50	cps
Sulfur	34-1	2932695	2984419	2962770	2959961	0.88	cps
Terbium	159-1	19195371	19328218	19537048	19353546	0.89	cps
Terbium	159-2	8632588	8530517	8572236	8578447	0.60	cps
Thallium	203-1	2592	2467	2250	2436	7.10	cps
Thallium	205-1	6002	5977	5877	5952	1.11	cps
Tin	118-1	42791	42867	40025	41894	3.87	cps
Titanium	47-1	2800	2400	2750	2650	8.22	cps
Uranium	238-1	99795	102693	100357	100948	1.52	cps
Vanadium	51-2	3397	3390	3354	3380	0.69	cps
Yttrium	89-1	13559093	13774015	13766586	13699898	0.89	cps
Yttrium	89-2	1843951	1853548	1836801	1844767	0.46	cps
Zinc	66-2	13236	13203	13276	13238	0.28	cps
Zirconium	90-1	8878	9312	10187	9459	7.05	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-02	Instrumnet Name :	P7
Client Sample ID :	RD-DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 18:58:06	DataFile Name :	134SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2034	2409	2392	2278	9.31	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-03	Instrumnet Name :	P7
Client Sample ID :	RD-4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:01:36	DataFile Name :	135SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3301	2950	2817	3023	8.26	cps
Antimony	121-1	8470	9345	9003	8939	4.94	cps
Arsenic	75-2	339	319	344	334	4.09	cps
Barium	135-1	565062	571220	559838	565373	1.01	cps
Barium	137-1	999274	987610	969913	985599	1.50	cps
Beryllium	9-1	250	211	272	244	12.65	cps
Bismuth	209-1	12776610	12706034	12742237	12741627	0.28	cps
Bismuth	209-2	6079583	6095173	6093722	6089493	0.14	cps
Boron	10-1	42762	43154	43789	43235	1.20	cps
Boron	11-1	213318	216190	211694	213734	1.07	cps
Cadmium	111-1	3678	3434	3656	3590	3.75	cps
Cadmium	106-1	5059	4768	5101	4976	3.65	cps
Cadmium	108-1	38	46	63	49	26.19	cps
Calcium	43-1	6456470	6427456	6434544	6439490	0.23	cps
Calcium	44-1	102084575	103641379	103111669	102945875	0.77	cps
Chromium	52-2	3414	3734	3577	3575	4.48	cps
Cobalt	59-2	1887	1797	1690	1791	5.50	cps
Copper	63-2	70355	71273	71758	71128	1.00	cps
Dysprosium	156-1	275	358	375	336	15.94	cps
Dysprosium	156-2	123	143	133	133	7.50	cps
Erbium	164-1	375	183	300	286	33.76	cps
Erbium	164-2	130	170	140	147	14.19	cps
Gadolinium	160-1	408	450	350	403	12.47	cps
Gadolinium	160-2	147	160	220	176	22.25	cps
Holmium	165-1	18735561	18962944	18745964	18814823	0.68	cps
Holmium	165-2	8335155	8361723	8231371	8309416	0.83	cps
Indium	115-1	13949144	13873648	13821666	13881486	0.46	cps
Indium	115-2	2339575	2342683	2353250	2345169	0.31	cps
Iron	56-2	21608995	21568880	21636762	21604879	0.16	cps
Iron	57-2	523577	524251	527068	524965	0.35	cps
Lead	206-1	7141	7419	7163	7241	2.13	cps
Lead	207-1	6057	6229	5835	6040	3.28	cps
Lead	208-1	27968	28763	27746	28159	1.90	cps
Lithium	6-1	1578044	1581423	1549199	1569555	1.13	cps
Magnesium	24-2	10558125	10495951	10524930	10526335	0.30	cps
Manganese	55-2	1443300	1441472	1445153	1443308	0.13	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-03	Instrumnet Name :	P7
Client Sample ID :	RD-4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:01:36	DataFile Name :	135SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4217	4743	4476	4479	5.86	cps
Molybdenum	95-1	2317	2592	3050	2653	13.97	cps
Molybdenum	96-1	3050	3559	3967	3526	13.03	cps
Molybdenum	97-1	1458	1842	2109	1803	18.13	cps
Molybdenum	98-1	3951	4192	5260	4468	15.59	cps
Neodymium	150-1	487	340	327	384	23.09	cps
Neodymium	150-2	143	153	150	149	3.42	cps
Nickel	60-2	717	690	677	694	2.93	cps
Phosphorus	31-2	3351	3292	3117	3253	3.73	cps
Potassium	39-2	1574115	1577721	1577165	1576334	0.12	cps
Rhodium	103-1	12311164	12528228	12511726	12450373	0.97	cps
Rhodium	103-2	5414747	5417147	5430145	5420680	0.15	cps
Scandium	45-1	7567957	7747269	7625802	7647010	1.20	cps
Scandium	45-2	317250	317191	316007	316816	0.22	cps
Selenium	77-2	33	50	43	42	19.87	cps
Selenium	78-2	83	117	81	94	21.11	cps
Selenium	82-1	-203	95	-21	-43	-350.06	cps
Silicon	28-1	66948085	67558377	66582987	67029816	0.74	cps
Silver	109-1	4084	3634	3651	3790	6.73	cps
Silver	107-1	3859	3926	3801	3862	1.62	cps
Sodium	23-2	11269202	11240316	11227762	11245760	0.19	cps
Strontium	86-1	4122725	4084230	4078084	4095013	0.59	cps
Strontium	88-1	36325991	36202141	36124017	36217383	0.28	cps
Sulfur	34-1	601820	600276	592694	598263	0.82	cps
Terbium	159-1	19417682	19556653	19138330	19370888	1.10	cps
Terbium	159-2	8353653	8334002	8298073	8328576	0.34	cps
Thallium	203-1	833	767	883	828	7.07	cps
Thallium	205-1	1984	1992	1975	1984	0.42	cps
Tin	118-1	27236	28162	26726	27375	2.66	cps
Titanium	47-1	3284	4176	4942	4134	20.07	cps
Uranium	238-1	1225	1242	1175	1214	2.86	cps
Vanadium	51-2	2947	3090	3094	3044	2.75	cps
Yttrium	89-1	13860451	13623577	13611253	13698427	1.03	cps
Yttrium	89-2	1789550	1782044	1786074	1785889	0.21	cps
Zinc	66-2	5221	5331	5468	5340	2.32	cps
Zirconium	90-1	8220	8053	7978	8083	1.53	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-03	Instrumnet Name :	P7
Client Sample ID :	RD-4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:01:36	DataFile Name :	135SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1900	1834	1900	1878	2.05	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-04	Instrumnet Name :	P7
Client Sample ID :	RD-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:05:05	DataFile Name :	136SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10588	11859	11005	11151	5.81	cps
Antimony	121-1	17436	17787	18237	17820	2.25	cps
Arsenic	75-2	1458	1482	1550	1496	3.21	cps
Barium	135-1	389342	395369	397712	394141	1.10	cps
Barium	137-1	678835	688790	694995	687540	1.19	cps
Beryllium	9-1	211	217	250	226	9.31	cps
Bismuth	209-1	12675851	12871203	12970844	12839299	1.17	cps
Bismuth	209-2	6258785	6345789	6352342	6318972	0.83	cps
Boron	10-1	21616	21900	22134	21883	1.18	cps
Boron	11-1	105726	107940	107639	107102	1.12	cps
Cadmium	111-1	6563	7040	7116	6906	4.34	cps
Cadmium	106-1	4901	5059	5468	5143	5.69	cps
Cadmium	108-1	329	271	279	293	10.77	cps
Calcium	43-1	3351896	3395992	3397986	3381958	0.77	cps
Calcium	44-1	54776074	55403232	56151049	55443452	1.24	cps
Chromium	52-2	6835	7018	6895	6916	1.35	cps
Cobalt	59-2	2200	2184	2227	2204	0.99	cps
Copper	63-2	200419	202588	201985	201664	0.56	cps
Dysprosium	156-1	1342	1375	1267	1328	4.18	cps
Dysprosium	156-2	597	727	667	663	9.81	cps
Erbium	164-1	1492	1559	1367	1472	6.61	cps
Erbium	164-2	727	613	720	687	9.26	cps
Gadolinium	160-1	1467	1550	1500	1506	2.79	cps
Gadolinium	160-2	727	710	797	744	6.18	cps
Holmium	165-1	18084541	18722469	18660146	18489052	1.90	cps
Holmium	165-2	8522468	8639259	8399890	8520539	1.40	cps
Indium	115-1	13743176	13840231	13854653	13812687	0.44	cps
Indium	115-2	2396945	2404550	2417975	2406490	0.44	cps
Iron	56-2	6420898	6456103	6391718	6422906	0.50	cps
Iron	57-2	155688	155531	156497	155905	0.33	cps
Lead	206-1	12957	13685	13902	13515	3.66	cps
Lead	207-1	10571	10966	11205	10914	2.93	cps
Lead	208-1	50472	52537	52842	51950	2.48	cps
Lithium	6-1	1546113	1561412	1561097	1556207	0.56	cps
Magnesium	24-2	3720742	3738686	3726479	3728636	0.25	cps
Manganese	55-2	201832	200661	201790	201428	0.33	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-04	Instrumnet Name :	P7
Client Sample ID :	RD-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:05:05	DataFile Name :	136SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12600	11722	11739	12020	4.18	cps
Molybdenum	95-1	16268	16477	17528	16758	4.03	cps
Molybdenum	96-1	18046	18697	18663	18468	1.99	cps
Molybdenum	97-1	10004	10396	10263	10221	1.95	cps
Molybdenum	98-1	25699	26826	27619	26715	3.61	cps
Neodymium	150-1	1814	1700	1527	1680	8.59	cps
Neodymium	150-2	527	670	790	662	19.92	cps
Nickel	60-2	4331	4671	4317	4440	4.51	cps
Phosphorus	31-2	683	842	642	722	14.61	cps
Potassium	39-2	1143713	1153745	1154415	1150625	0.52	cps
Rhodium	103-1	12044531	12398333	12431151	12291339	1.74	cps
Rhodium	103-2	5572264	5629483	5578014	5593254	0.56	cps
Scandium	45-1	7374514	7418061	7458863	7417146	0.57	cps
Scandium	45-2	320894	323799	322064	322252	0.45	cps
Selenium	77-2	37	50	37	41	18.72	cps
Selenium	78-2	120	113	78	104	21.94	cps
Selenium	82-1	70	-107	-96	-44	-223.40	cps
Silicon	28-1	21535139	21681348	21787372	21667953	0.58	cps
Silver	109-1	4009	3951	3826	3928	2.39	cps
Silver	107-1	4117	4401	3926	4148	5.76	cps
Sodium	23-2	1454343	1460912	1456259	1457171	0.23	cps
Strontium	86-1	1141380	1150249	1149448	1147026	0.43	cps
Strontium	88-1	10120199	10198100	10280245	10199515	0.78	cps
Sulfur	34-1	995895	1012447	1011241	1006528	0.92	cps
Terbium	159-1	18839128	19113897	19285911	19079646	1.18	cps
Terbium	159-2	8483458	8575376	8527787	8528874	0.54	cps
Thallium	203-1	1108	1150	1333	1197	10.00	cps
Thallium	205-1	2917	2942	3184	3014	4.89	cps
Tin	118-1	21067	22227	22911	22068	4.23	cps
Titanium	47-1	9998	8641	5244	7961	30.76	cps
Uranium	238-1	64614	65276	67094	65661	1.96	cps
Vanadium	51-2	3774	3807	3857	3813	1.10	cps
Yttrium	89-1	13530377	13543270	13562456	13545368	0.12	cps
Yttrium	89-2	1819740	1827084	1823054	1823292	0.20	cps
Zinc	66-2	128643	127504	128240	128129	0.45	cps
Zirconium	90-1	7744	7794	7928	7822	1.21	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-04	Instrumnet Name :	P7
Client Sample ID :	RD-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:05:05	DataFile Name :	136SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1967	2125	2235	2109	6.39	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-05	Instrumnet Name :	P7
Client Sample ID :	RD-5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:08:34	DataFile Name :	137SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	517	508	531	5.95	cps
Antimony	121-1	7227	7936	8311	7825	7.04	cps
Arsenic	75-2	646	683	617	649	5.15	cps
Barium	135-1	141489	143358	144982	143276	1.22	cps
Barium	137-1	249768	250683	254678	251710	1.04	cps
Beryllium	9-1	211	183	156	183	15.15	cps
Bismuth	209-1	12557180	12827100	12765111	12716464	1.11	cps
Bismuth	209-2	6312708	6285213	6280633	6292851	0.28	cps
Boron	10-1	19688	20131	20865	20228	2.94	cps
Boron	11-1	100944	101271	101783	101333	0.42	cps
Cadmium	111-1	3775	3784	3444	3668	5.27	cps
Cadmium	106-1	5159	5009	4726	4965	4.43	cps
Cadmium	108-1	29	8	38	25	60.10	cps
Calcium	43-1	5517090	5516374	5592869	5542111	0.79	cps
Calcium	44-1	88787904	88036027	89667062	88830331	0.92	cps
Chromium	52-2	2680	2787	2650	2706	2.66	cps
Cobalt	59-2	1747	1623	1723	1698	3.86	cps
Copper	63-2	68161	69052	70104	69106	1.41	cps
Dysprosium	156-1	150	125	108	128	16.41	cps
Dysprosium	156-2	60	60	67	62	6.19	cps
Erbium	164-1	183	208	217	203	8.56	cps
Erbium	164-2	83	80	103	89	14.20	cps
Gadolinium	160-1	167	158	275	200	32.54	cps
Gadolinium	160-2	117	137	123	126	8.11	cps
Holmium	165-1	18867378	18508922	18969316	18781872	1.29	cps
Holmium	165-2	8554981	8526741	8486127	8522616	0.41	cps
Indium	115-1	13792897	13915095	13853118	13853703	0.44	cps
Indium	115-2	2404394	2409977	2401812	2405394	0.17	cps
Iron	56-2	4139907	4165268	4138125	4147766	0.37	cps
Iron	57-2	104139	103876	104296	104103	0.20	cps
Lead	206-1	4095	4079	3767	3980	4.64	cps
Lead	207-1	3434	3439	3384	3419	0.90	cps
Lead	208-1	16527	16655	15615	16266	3.49	cps
Lithium	6-1	1533023	1545763	1557445	1545410	0.79	cps
Magnesium	24-2	8796593	8753582	8671131	8740435	0.73	cps
Manganese	55-2	711243	717089	710309	712880	0.52	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-05	Instrumnet Name :	P7
Client Sample ID :	RD-5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:08:34	DataFile Name :	137SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4751	4826	5193	4923	4.80	cps
Molybdenum	95-1	6493	5885	6727	6368	6.83	cps
Molybdenum	96-1	6752	7160	7702	7205	6.62	cps
Molybdenum	97-1	4117	4251	4076	4148	2.20	cps
Molybdenum	98-1	10154	10454	10396	10335	1.54	cps
Neodymium	150-1	227	240	240	236	3.27	cps
Neodymium	150-2	97	80	83	87	10.18	cps
Nickel	60-2	3080	3447	3107	3212	6.37	cps
Phosphorus	31-2	183	133	242	186	29.13	cps
Potassium	39-2	551287	552658	547285	550410	0.51	cps
Rhodium	103-1	12425882	12418096	12464808	12436262	0.20	cps
Rhodium	103-2	5587081	5572835	5573560	5577825	0.14	cps
Scandium	45-1	7475124	7490868	7583512	7516501	0.78	cps
Scandium	45-2	326813	323689	323660	324721	0.56	cps
Selenium	77-2	43	27	43	38	25.46	cps
Selenium	78-2	107	98	94	100	6.68	cps
Selenium	82-1	-1	2	-49	-16	-177.08	cps
Silicon	28-1	28039717	27740384	28220282	28000128	0.87	cps
Silver	109-1	3050	3192	3025	3089	2.91	cps
Silver	107-1	3717	3476	3517	3570	3.62	cps
Sodium	23-2	4857820	4880845	4849113	4862593	0.34	cps
Strontium	86-1	2961457	2997488	2999442	2986129	0.72	cps
Strontium	88-1	26130294	26516405	26758507	26468402	1.20	cps
Sulfur	34-1	2884885	2860028	2890386	2878433	0.56	cps
Terbium	159-1	19229990	19380623	19671203	19427272	1.15	cps
Terbium	159-2	8513635	8623214	8456182	8531010	0.99	cps
Thallium	203-1	283	350	325	319	10.54	cps
Thallium	205-1	808	808	808	808	0.00	cps
Tin	118-1	18037	19447	19798	19094	4.88	cps
Titanium	47-1	1467	1417	1350	1411	4.15	cps
Uranium	238-1	101962	101524	102467	101984	0.46	cps
Vanadium	51-2	2644	2460	2597	2567	3.71	cps
Yttrium	89-1	13537141	13799599	13820076	13718939	1.15	cps
Yttrium	89-2	1826197	1832143	1822166	1826835	0.27	cps
Zinc	66-2	11752	12249	11925	11975	2.11	cps
Zirconium	90-1	3217	3184	3559	3320	6.25	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-05	Instrumnet Name :	P7
Client Sample ID :	RD-5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:08:34	DataFile Name :	137SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	783	733	800	772	4.49	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-06	Instrumnet Name :	P7
Client Sample ID :	RD-3R	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:12:04	DataFile Name :	138SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	575	633	594	5.67	cps
Antimony	121-1	8461	9462	9921	9281	8.04	cps
Arsenic	75-2	265	300	259	275	8.04	cps
Barium	135-1	51906	54617	54767	53763	3.00	cps
Barium	137-1	94328	93590	93732	93883	0.42	cps
Beryllium	9-1	144	178	117	146	20.91	cps
Bismuth	209-1	12184130	12400759	12589108	12391332	1.64	cps
Bismuth	209-2	6079741	6148297	6129355	6119131	0.58	cps
Boron	10-1	60488	62513	64622	62541	3.31	cps
Boron	11-1	308112	310641	319711	312821	1.95	cps
Cadmium	111-1	3789	3837	4216	3947	5.93	cps
Cadmium	106-1	4826	4918	5476	5073	6.94	cps
Cadmium	108-1	50	38	54	47	18.37	cps
Calcium	43-1	8314761	8328811	8477988	8373854	1.08	cps
Calcium	44-1	131631390	133657949	136256261	133848534	1.73	cps
Chromium	52-2	3637	3934	3777	3783	3.92	cps
Cobalt	59-2	2004	2134	2220	2119	5.15	cps
Copper	63-2	70716	71494	71376	71195	0.59	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	37	30	40	36	14.32	cps
Erbium	164-1	83	125	183	131	38.47	cps
Erbium	164-2	33	43	40	39	13.09	cps
Gadolinium	160-1	92	158	242	164	45.86	cps
Gadolinium	160-2	73	70	70	71	2.70	cps
Holmium	165-1	18350819	18491574	18841901	18561431	1.36	cps
Holmium	165-2	8589356	8632570	8595852	8605926	0.27	cps
Indium	115-1	13433052	13538174	13807733	13592986	1.42	cps
Indium	115-2	2369251	2403954	2387588	2386931	0.73	cps
Iron	56-2	278987	280854	280622	280154	0.36	cps
Iron	57-2	9031	8642	9303	8992	3.70	cps
Lead	206-1	10899	11077	11272	11083	1.68	cps
Lead	207-1	9626	9565	10121	9771	3.12	cps
Lead	208-1	44514	44687	45293	44831	0.91	cps
Lithium	6-1	1523848	1540180	1554191	1539406	0.99	cps
Magnesium	24-2	29945176	30108279	29741923	29931792	0.61	cps
Manganese	55-2	210306	213785	211399	211830	0.84	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-06	Instrumnet Name :	P7
Client Sample ID :	RD-3R	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:12:04	DataFile Name :	138SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14942	14892	15075	14970	0.63	cps
Molybdenum	95-1	23537	23003	23913	23484	1.95	cps
Molybdenum	96-1	24822	24222	26500	25182	4.69	cps
Molybdenum	97-1	13907	14008	15017	14311	4.29	cps
Molybdenum	98-1	37467	37250	38904	37874	2.37	cps
Neodymium	150-1	53	67	120	80	44.09	cps
Neodymium	150-2	23	13	37	24	47.91	cps
Nickel	60-2	2634	2714	2764	2704	2.43	cps
Phosphorus	31-2	125	217	267	203	35.43	cps
Potassium	39-2	778733	788789	776076	781199	0.86	cps
Rhodium	103-1	12043289	12099121	12445283	12195897	1.79	cps
Rhodium	103-2	5493631	5531876	5528460	5517989	0.38	cps
Scandium	45-1	7549969	7558922	7724801	7611231	1.29	cps
Scandium	45-2	329814	334830	330200	331614	0.84	cps
Selenium	77-2	33	57	50	47	25.76	cps
Selenium	78-2	83	74	119	92	25.49	cps
Selenium	82-1	623	602	475	567	14.13	cps
Silicon	28-1	45074158	45457235	46210656	45580683	1.27	cps
Silver	109-1	3075	3326	3476	3292	6.14	cps
Silver	107-1	2942	3351	3409	3234	7.86	cps
Sodium	23-2	34115472	34438958	33798012	34117481	0.94	cps
Strontium	86-1	8086800	8167682	8331707	8195397	1.52	cps
Strontium	88-1	68691424	69752074	71373731	69939077	1.93	cps
Sulfur	34-1	8556874	8590585	8657569	8601676	0.60	cps
Terbium	159-1	18860676	19028063	19539721	19142820	1.85	cps
Terbium	159-2	8514058	8592746	8594466	8567090	0.54	cps
Thallium	203-1	400	375	392	389	3.27	cps
Thallium	205-1	850	975	767	864	12.14	cps
Tin	118-1	15709	16519	16460	16229	2.78	cps
Titanium	47-1	1809	1709	1642	1720	4.88	cps
Uranium	238-1	576813	580489	593432	583578	1.50	cps
Vanadium	51-2	3050	3214	3384	3216	5.18	cps
Yttrium	89-1	13287124	13664444	13739740	13563769	1.79	cps
Yttrium	89-2	1834842	1858845	1847281	1846989	0.65	cps
Zinc	66-2	27787	27680	28284	27917	1.16	cps
Zirconium	90-1	5026	5093	4943	5021	1.50	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2979-06	Instrumnet Name :	P7
Client Sample ID :	RD-3R	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:12:04	DataFile Name :	138SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1175	975	1250	1133	12.54	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-04	Instrumnet Name :	P7
Client Sample ID :	S36-0111	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:15:34	DataFile Name :	139SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1550	1083	1550	1395	19.32	cps
Antimony	121-1	7953	8703	9045	8567	6.52	cps
Arsenic	75-2	7274	7548	7476	7433	1.91	cps
Barium	135-1	269074	269916	272846	270612	0.73	cps
Barium	137-1	468263	473936	476290	472830	0.87	cps
Beryllium	9-1	156	122	128	135	13.21	cps
Bismuth	209-1	12215763	12356645	12442134	12338181	0.93	cps
Bismuth	209-2	6100316	6161051	6158845	6140071	0.56	cps
Boron	10-1	15534	15617	15425	15525	0.62	cps
Boron	11-1	79224	78010	78705	78646	0.77	cps
Cadmium	111-1	3288	3492	3381	3387	3.03	cps
Cadmium	106-1	4584	4901	4784	4757	3.37	cps
Cadmium	108-1	13	25	38	25	50.00	cps
Calcium	43-1	3621378	3629427	3642395	3631066	0.29	cps
Calcium	44-1	59206055	59807735	59641670	59551820	0.52	cps
Chromium	52-2	9573	9767	10905	10082	7.14	cps
Cobalt	59-2	580	670	640	630	7.27	cps
Copper	63-2	277463	280213	281256	279644	0.70	cps
Dysprosium	156-1	117	242	275	211	39.54	cps
Dysprosium	156-2	63	47	70	60	20.03	cps
Erbium	164-1	225	267	292	261	12.90	cps
Erbium	164-2	100	107	70	92	21.18	cps
Gadolinium	160-1	167	267	275	236	25.53	cps
Gadolinium	160-2	93	123	107	108	13.95	cps
Holmium	165-1	18173251	18163389	18509057	18281899	1.08	cps
Holmium	165-2	8269128	8449199	8384866	8367731	1.09	cps
Indium	115-1	13530089	13696082	13741939	13656037	0.82	cps
Indium	115-2	2359776	2398023	2396483	2384761	0.91	cps
Iron	56-2	5919730	5970342	5956104	5948725	0.44	cps
Iron	57-2	144582	145508	144728	144939	0.34	cps
Lead	206-1	55349	55231	56397	55659	1.15	cps
Lead	207-1	46850	44982	46203	46012	2.06	cps
Lead	208-1	215847	215296	218131	216425	0.69	cps
Lithium	6-1	1500534	1503189	1510575	1504766	0.35	cps
Magnesium	24-2	8929893	9122586	9120519	9057666	1.22	cps
Manganese	55-2	1138472	1149062	1151251	1146262	0.60	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-04	Instrumnet Name :	P7
Client Sample ID :	S36-0111	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:15:34	DataFile Name :	139SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2650	2909	2675	2745	5.19	cps
Molybdenum	95-1	3242	3734	3676	3551	7.57	cps
Molybdenum	96-1	4159	4101	4351	4204	3.11	cps
Molybdenum	97-1	2200	2559	2350	2370	7.59	cps
Molybdenum	98-1	5851	6152	6051	6018	2.54	cps
Neodymium	150-1	293	233	280	269	11.72	cps
Neodymium	150-2	100	90	60	83	24.98	cps
Nickel	60-2	4848	5214	5064	5042	3.66	cps
Phosphorus	31-2	408	300	308	339	17.79	cps
Potassium	39-2	2114386	2140906	2144400	2133230	0.77	cps
Rhodium	103-1	11993037	12223353	12129299	12115229	0.96	cps
Rhodium	103-2	5483582	5551745	5547312	5527546	0.69	cps
Scandium	45-1	7418217	7426455	7523612	7456095	0.79	cps
Scandium	45-2	320376	323416	323915	322569	0.59	cps
Selenium	77-2	47	37	57	47	21.43	cps
Selenium	78-2	96	93	74	88	13.58	cps
Selenium	82-1	-71	138	142	70	175.36	cps
Silicon	28-1	48504326	48636232	48663941	48601500	0.18	cps
Silver	109-1	3209	3434	3101	3248	5.24	cps
Silver	107-1	3501	3576	2884	3320	11.43	cps
Sodium	23-2	21574140	21901362	22037899	21837800	1.09	cps
Strontium	86-1	2803371	2802993	2872142	2826169	1.41	cps
Strontium	88-1	24709271	24834522	25458023	25000605	1.60	cps
Sulfur	34-1	1831883	1809608	1816397	1819296	0.63	cps
Terbium	159-1	18624218	18818978	18995253	18812817	0.99	cps
Terbium	159-2	8365494	8393708	8308360	8355854	0.52	cps
Thallium	203-1	192	167	225	194	15.05	cps
Thallium	205-1	492	483	450	475	4.64	cps
Tin	118-1	14541	15893	15576	15337	4.61	cps
Titanium	47-1	2325	2334	2617	2425	6.85	cps
Uranium	238-1	70594	70468	72623	71228	1.70	cps
Vanadium	51-2	3070	2930	3100	3034	2.99	cps
Yttrium	89-1	13302571	13293445	13603351	13399789	1.32	cps
Yttrium	89-2	1792522	1823510	1812716	1809582	0.87	cps
Zinc	66-2	19530	20208	19960	19899	1.72	cps
Zirconium	90-1	1533	1659	1358	1517	9.94	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-04	Instrumnet Name :	P7
Client Sample ID :	S36-0111	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:15:34	DataFile Name :	139SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	442	367	394	10.42	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:19:03	DataFile Name :	140CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1210279	1210452	1222417	1214383	0.57	cps
Antimony	121-1	8010300	7721518	7697655	7809825	2.23	cps
Arsenic	75-2	255634	254499	257827	255987	0.66	cps
Barium	135-1	9844533	9384921	9418440	9549298	2.68	cps
Barium	137-1	16966994	16186752	16460389	16538045	2.39	cps
Beryllium	9-1	1295283	1252388	1258048	1268573	1.84	cps
Bismuth	209-1	13112905	12493349	12536984	12714413	2.72	cps
Bismuth	209-2	6477530	6499219	6554288	6510346	0.61	cps
Boron	10-1	161148	156703	158690	158847	1.40	cps
Boron	11-1	813084	784284	788110	795159	1.97	cps
Cadmium	111-1	1990542	1907741	1927162	1941815	2.23	cps
Cadmium	106-1	226661	217479	218830	220990	2.24	cps
Cadmium	108-1	146990	141583	142760	143777	1.98	cps
Calcium	43-1	2045163	1963690	1978696	1995850	2.17	cps
Calcium	44-1	33404777	32127683	32480882	32671114	2.02	cps
Chromium	52-2	2171420	2181318	2200304	2184347	0.67	cps
Cobalt	59-2	3589012	3598229	3633250	3606830	0.65	cps
Copper	63-2	4951723	4983268	5029683	4988225	0.79	cps
Dysprosium	156-1	133	167	167	156	12.37	cps
Dysprosium	156-2	27	43	23	31	34.44	cps
Erbium	164-1	125	125	117	122	3.94	cps
Erbium	164-2	33	23	30	29	17.63	cps
Gadolinium	160-1	175	150	150	158	9.12	cps
Gadolinium	160-2	60	57	50	56	9.17	cps
Holmium	165-1	19060334	18703534	18495986	18753285	1.52	cps
Holmium	165-2	8891375	8735585	8970935	8865965	1.35	cps
Indium	115-1	14491478	13938347	14048787	14159537	2.07	cps
Indium	115-2	2543360	2547060	2590122	2560181	1.02	cps
Iron	56-2	94123272	93539519	94779822	94147537	0.66	cps
Iron	57-2	2282398	2284515	2310154	2292356	0.67	cps
Lead	206-1	6727139	6385740	6443975	6518951	2.80	cps
Lead	207-1	6090174	5805426	5841475	5912358	2.62	cps
Lead	208-1	27892079	26623418	26767902	27094466	2.56	cps
Lithium	6-1	1597986	1555539	1552605	1568710	1.62	cps
Magnesium	24-2	14995401	14938961	15095239	15009867	0.53	cps
Manganese	55-2	2427948	2439531	2464823	2444101	0.77	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:19:03	DataFile Name :	140CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7048651	6804032	6862853	6905179	1.85	cps
Molybdenum	95-1	3737248	3569680	3603666	3636865	2.44	cps
Molybdenum	96-1	4822474	4605481	4650910	4692955	2.44	cps
Molybdenum	97-1	2348556	2244143	2244354	2279018	2.64	cps
Molybdenum	98-1	6194996	5979279	6000613	6058296	1.96	cps
Neodymium	150-1	687	693	707	696	1.46	cps
Neodymium	150-2	63	60	63	62	3.09	cps
Nickel	60-2	952515	961017	964926	959486	0.66	cps
Phosphorus	31-2	68843	69672	70501	69672	1.19	cps
Potassium	39-2	7488441	7476823	7564083	7509783	0.63	cps
Rhodium	103-1	13083099	12815535	12769642	12889425	1.31	cps
Rhodium	103-2	5788997	5778533	5939193	5835574	1.54	cps
Scandium	45-1	8258856	7887555	7904179	8016863	2.62	cps
Scandium	45-2	357458	358785	363820	360021	0.93	cps
Selenium	77-2	5214	4924	5138	5092	2.95	cps
Selenium	78-2	17485	17451	17581	17506	0.39	cps
Selenium	82-1	120498	116851	117392	118247	1.66	cps
Silicon	28-1	4631262	4527740	4629358	4596120	1.29	cps
Silver	109-1	9636486	9179028	9273652	9363055	2.58	cps
Silver	107-1	9976842	9608613	9627474	9737643	2.13	cps
Sodium	23-2	30240294	29860997	30075549	30058947	0.63	cps
Strontium	86-1	2430587	2325040	2345581	2367069	2.36	cps
Strontium	88-1	21297641	20461605	20647569	20802272	2.11	cps
Sulfur	34-1	1283699	1258735	1254030	1265488	1.26	cps
Terbium	159-1	20091124	19268935	19123118	19494392	2.68	cps
Terbium	159-2	8784486	8792604	8969889	8848993	1.18	cps
Thallium	203-1	8581302	8328312	8271184	8393599	1.97	cps
Thallium	205-1	20547710	19574572	19582669	19901651	2.81	cps
Tin	118-1	6645873	6493915	6431658	6523815	1.69	cps
Titanium	47-1	1002577	967329	968833	979580	2.03	cps
Uranium	238-1	28315287	26948356	27288875	27517506	2.59	cps
Vanadium	51-2	1762971	1763290	1787232	1771165	0.79	cps
Yttrium	89-1	14466184	14052672	14058347	14192401	1.67	cps
Yttrium	89-2	1962258	1957287	1998812	1972786	1.15	cps
Zinc	66-2	712238	714315	728954	718502	1.27	cps
Zirconium	90-1	13081478	12671833	12628669	12793993	1.95	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:19:03	DataFile Name :	140CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2876097	2792834	2800683	2823204	1.63	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:22:28	DataFile Name :	141CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	75	100	119	47.49	cps
Antimony	121-1	27812	31603	35972	31796	12.84	cps
Arsenic	75-2	269	319	296	294	8.51	cps
Barium	135-1	383	367	217	322	28.49	cps
Barium	137-1	633	350	317	433	40.16	cps
Beryllium	9-1	261	272	172	235	23.30	cps
Bismuth	209-1	12646232	12571148	12626146	12614509	0.31	cps
Bismuth	209-2	6351649	6378517	6461479	6397215	0.89	cps
Boron	10-1	5176	4793	4618	4862	5.88	cps
Boron	11-1	24579	24329	23185	24031	3.09	cps
Cadmium	111-1	3871	3444	3642	3652	5.86	cps
Cadmium	106-1	5385	4843	5093	5107	5.31	cps
Cadmium	108-1	21	54	21	32	60.26	cps
Calcium	43-1	408	458	442	436	5.84	cps
Calcium	44-1	15967	15851	15567	15795	1.30	cps
Chromium	52-2	1767	1800	1823	1797	1.59	cps
Cobalt	59-2	150	147	100	132	21.14	cps
Copper	63-2	22431	22544	22294	22423	0.56	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	30	13	17	20	44.10	cps
Gadolinium	160-1	167	125	108	133	22.54	cps
Gadolinium	160-2	13	43	47	34	53.31	cps
Holmium	165-1	18207902	18339618	18362110	18303210	0.46	cps
Holmium	165-2	8460473	8558353	8581085	8533304	0.75	cps
Indium	115-1	14038605	14325129	14245858	14203197	1.04	cps
Indium	115-2	2550047	2543450	2564764	2552754	0.43	cps
Iron	56-2	10510	10943	10821	10758	2.08	cps
Iron	57-2	272	244	250	256	5.75	cps
Lead	206-1	2345	2317	2306	2322	0.86	cps
Lead	207-1	2272	2122	2011	2135	6.14	cps
Lead	208-1	10274	9713	9596	9861	3.68	cps
Lithium	6-1	1580649	1590326	1585532	1585502	0.31	cps
Magnesium	24-2	467	508	425	467	8.93	cps
Manganese	55-2	287	320	270	292	8.71	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:22:28	DataFile Name :	141CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3150	3617	5051	3940	25.14	cps
Molybdenum	95-1	3742	4568	5910	4740	23.08	cps
Molybdenum	96-1	3876	4893	6327	5032	24.47	cps
Molybdenum	97-1	2325	2842	3426	2864	19.22	cps
Molybdenum	98-1	5952	7644	8803	7466	19.21	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	237	250	240	242	2.87	cps
Phosphorus	31-2	108	150	242	167	40.93	cps
Potassium	39-2	43657	43281	42420	43119	1.47	cps
Rhodium	103-1	12870994	13147213	12962015	12993407	1.08	cps
Rhodium	103-2	6042452	5783795	5853592	5893280	2.27	cps
Scandium	45-1	7859332	7912605	7917727	7896555	0.41	cps
Scandium	45-2	348868	348669	351759	349765	0.49	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	111	107	124	114	7.67	cps
Selenium	82-1	30	-56	67	14	462.03	cps
Silicon	28-1	449224	448748	442003	446658	0.90	cps
Silver	109-1	1308	1367	983	1220	16.94	cps
Silver	107-1	1408	1442	1317	1389	4.66	cps
Sodium	23-2	42227	41090	41910	41742	1.41	cps
Strontium	86-1	5660	5318	5743	5574	4.04	cps
Strontium	88-1	1483	1308	1142	1311	13.03	cps
Sulfur	34-1	630413	632426	627373	630071	0.40	cps
Terbium	159-1	18904614	19032356	19052761	18996577	0.42	cps
Terbium	159-2	8534036	8474344	8578272	8528884	0.61	cps
Thallium	203-1	783	717	733	744	4.66	cps
Thallium	205-1	2300	2009	1834	2047	11.52	cps
Tin	118-1	4668	5293	6302	5421	15.21	cps
Titanium	47-1	167	250	133	183	32.78	cps
Uranium	238-1	1108	942	842	964	13.98	cps
Vanadium	51-2	97	100	153	117	27.26	cps
Yttrium	89-1	13989892	13921669	13875850	13929137	0.41	cps
Yttrium	89-2	1930849	1922347	1926516	1926571	0.22	cps
Zinc	66-2	353	310	310	324	7.71	cps
Zirconium	90-1	3509	3517	3842	3623	5.25	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:22:28	DataFile Name :	141CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	875	608	742	742	17.98	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BL	Instrumnet Name :	P7
Client Sample ID :	PB98735BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:32:59	DataFile Name :	144CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	50	42	34.64	cps
Antimony	121-1	2217	2575	2859	2550	12.61	cps
Arsenic	75-2	39	43	43	41	5.17	cps
Barium	135-1	67	83	42	64	32.83	cps
Barium	137-1	150	108	92	117	25.76	cps
Beryllium	9-1	78	167	117	120	37.02	cps
Bismuth	209-1	13038779	13270960	12972490	13094076	1.20	cps
Bismuth	209-2	6691780	7072697	7092062	6952180	3.25	cps
Boron	10-1	1450	1475	1525	1483	2.58	cps
Boron	11-1	7902	7586	7302	7597	3.95	cps
Cadmium	111-1	3672	3730	3803	3735	1.76	cps
Cadmium	106-1	5235	5285	5401	5307	1.61	cps
Cadmium	108-1	25	4	17	15	68.61	cps
Calcium	43-1	275	325	233	278	16.52	cps
Calcium	44-1	11814	11980	11689	11828	1.24	cps
Chromium	52-2	1300	1193	1140	1211	6.73	cps
Cobalt	59-2	97	80	70	82	16.39	cps
Copper	63-2	17484	17711	17955	17716	1.33	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	50	75	92	72	29.04	cps
Erbium	164-2	13	30	20	21	39.75	cps
Gadolinium	160-1	92	92	200	128	48.95	cps
Gadolinium	160-2	53	60	27	47	37.79	cps
Holmium	165-1	18812508	18837793	18433237	18694513	1.21	cps
Holmium	165-2	8822359	8927058	8956785	8902067	0.79	cps
Indium	115-1	14562041	14783965	14547982	14631330	0.90	cps
Indium	115-2	2664644	2697389	2678016	2680017	0.61	cps
Iron	56-2	6602	7797	7002	7133	8.53	cps
Iron	57-2	133	94	178	135	30.85	cps
Lead	206-1	2345	2478	2511	2445	3.61	cps
Lead	207-1	2206	2117	2161	2161	2.06	cps
Lead	208-1	9857	10163	9980	10000	1.54	cps
Lithium	6-1	1704229	1701545	1692678	1699484	0.36	cps
Magnesium	24-2	333	392	375	367	8.19	cps
Manganese	55-2	257	277	190	241	18.82	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BL	Instrumnet Name :	P7
Client Sample ID :	PB98735BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:32:59	DataFile Name :	144CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	650	733	733	706	6.82	cps
Molybdenum	95-1	517	550	825	631	26.84	cps
Molybdenum	96-1	642	833	1042	839	23.85	cps
Molybdenum	97-1	317	308	467	364	24.49	cps
Molybdenum	98-1	667	967	1233	956	29.67	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	207	220	237	221	6.80	cps
Phosphorus	31-2	158	117	150	142	15.56	cps
Potassium	39-2	45521	45930	45596	45682	0.48	cps
Rhodium	103-1	13501844	13311356	13397831	13403677	0.71	cps
Rhodium	103-2	6225264	6343967	6247015	6272082	1.01	cps
Scandium	45-1	8282040	8220529	8202508	8235025	0.51	cps
Scandium	45-2	371483	377603	374678	374588	0.82	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	67	106	80	84	23.59	cps
Selenium	82-1	-6	-151	-244	-133	-89.68	cps
Silicon	28-1	400404	398502	400339	399748	0.27	cps
Silver	109-1	525	558	608	564	7.44	cps
Silver	107-1	633	583	583	600	4.81	cps
Sodium	23-2	35175	34691	36537	35468	2.70	cps
Strontium	86-1	5051	5260	5376	5229	3.15	cps
Strontium	88-1	533	358	408	433	20.80	cps
Sulfur	34-1	665945	669086	666195	667075	0.26	cps
Terbium	159-1	19771051	19364845	19458346	19531414	1.09	cps
Terbium	159-2	8808319	8980699	8874554	8887858	0.98	cps
Thallium	203-1	242	158	192	197	21.27	cps
Thallium	205-1	475	608	358	481	26.03	cps
Tin	118-1	1258	1383	1408	1350	5.95	cps
Titanium	47-1	183	142	142	156	15.47	cps
Uranium	238-1	108	133	150	131	16.06	cps
Vanadium	51-2	40	60	60	53	21.65	cps
Yttrium	89-1	14321007	14400910	14171590	14297836	0.81	cps
Yttrium	89-2	2022086	2033983	2027984	2028017	0.29	cps
Zinc	66-2	200	190	160	183	11.35	cps
Zirconium	90-1	925	1100	1083	1036	9.32	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BL	Instrumnet Name :	P7
Client Sample ID :	PB98735BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:32:59	DataFile Name :	144CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	233	217	264	25.72	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BS	Instrumnet Name :	P7
Client Sample ID :	PB98735BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:36:29	DataFile Name :	145CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1289366	1290357	1291125	1290283	0.07	cps
Antimony	121-1	7977243	7971354	7807120	7918572	1.22	cps
Arsenic	75-2	263361	266589	264486	264812	0.62	cps
Barium	135-1	9434640	9412215	9362292	9403049	0.39	cps
Barium	137-1	16410980	16433553	16390114	16411549	0.13	cps
Beryllium	9-1	1330807	1319841	1321856	1324168	0.44	cps
Bismuth	209-1	12588051	12611466	12542586	12580701	0.28	cps
Bismuth	209-2	6515884	6564583	6525173	6535213	0.40	cps
Boron	10-1	162943	165695	164963	164534	0.87	cps
Boron	11-1	820016	829376	827437	825610	0.60	cps
Cadmium	111-1	1927084	1931363	1933734	1930727	0.17	cps
Cadmium	106-1	220982	219433	217613	219343	0.77	cps
Cadmium	108-1	144023	143985	142344	143451	0.67	cps
Calcium	43-1	2029669	2033717	2032934	2032106	0.11	cps
Calcium	44-1	33016561	33275197	33112006	33134588	0.39	cps
Chromium	52-2	2258882	2274854	2261646	2265128	0.38	cps
Cobalt	59-2	3698021	3708722	3721652	3709465	0.32	cps
Copper	63-2	5086963	5116806	5085126	5096298	0.35	cps
Dysprosium	156-1	200	192	183	192	4.35	cps
Dysprosium	156-2	37	23	30	30	22.23	cps
Erbium	164-1	75	50	50	58	24.74	cps
Erbium	164-2	53	33	20	36	47.19	cps
Gadolinium	160-1	117	242	175	178	35.18	cps
Gadolinium	160-2	50	83	57	63	27.85	cps
Holmium	165-1	18495108	18495435	18464566	18485036	0.10	cps
Holmium	165-2	8943816	8876082	8816617	8878838	0.72	cps
Indium	115-1	14071919	14115174	14034367	14073820	0.29	cps
Indium	115-2	2630232	2626520	2636564	2631105	0.19	cps
Iron	56-2	98378233	97288616	97284030	97650293	0.65	cps
Iron	57-2	2356470	2371077	2370055	2365867	0.34	cps
Lead	206-1	6403670	6334072	6363225	6366989	0.55	cps
Lead	207-1	5785489	5775700	5735444	5765544	0.46	cps
Lead	208-1	26622749	26507481	26285245	26471825	0.65	cps
Lithium	6-1	1675593	1663985	1651200	1663593	0.73	cps
Magnesium	24-2	15807234	15773340	15739640	15773405	0.21	cps
Manganese	55-2	2545501	2555416	2558356	2553091	0.26	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BS	Instrumnet Name :	P7
Client Sample ID :	PB98735BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:36:29	DataFile Name :	145CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6892509	6901065	6878787	6890787	0.16	cps
Molybdenum	95-1	3621168	3614323	3602703	3612731	0.26	cps
Molybdenum	96-1	4691157	4653973	4659572	4668234	0.43	cps
Molybdenum	97-1	2272028	2269848	2274065	2271980	0.09	cps
Molybdenum	98-1	6051474	6060403	6036002	6049293	0.20	cps
Neodymium	150-1	667	680	640	662	3.08	cps
Neodymium	150-2	50	63	37	50	26.66	cps
Nickel	60-2	986332	985504	985885	985907	0.04	cps
Phosphorus	31-2	72945	74419	74377	73914	1.14	cps
Potassium	39-2	7906167	7871074	7911656	7896299	0.28	cps
Rhodium	103-1	12822264	12692991	12771246	12762167	0.51	cps
Rhodium	103-2	6029071	6061711	6022845	6037876	0.35	cps
Scandium	45-1	8185498	8157908	8142872	8162093	0.26	cps
Scandium	45-2	376827	378295	377346	377490	0.20	cps
Selenium	77-2	5204	5421	5438	5354	2.43	cps
Selenium	78-2	18110	18061	17898	18023	0.61	cps
Selenium	82-1	117911	117894	117475	117760	0.21	cps
Silicon	28-1	4497078	4594273	4567263	4552871	1.10	cps
Silver	109-1	9340603	9348554	9368791	9352649	0.16	cps
Silver	107-1	9718926	9613816	9580849	9637864	0.75	cps
Sodium	23-2	31513726	31472980	31556377	31514361	0.13	cps
Strontium	86-1	2374074	2376924	2397506	2382835	0.54	cps
Strontium	88-1	20739096	20850254	20956653	20848668	0.52	cps
Sulfur	34-1	1318333	1306684	1308738	1311252	0.47	cps
Terbium	159-1	19166635	19268547	19269568	19234916	0.31	cps
Terbium	159-2	8907142	8930102	8814768	8884004	0.69	cps
Thallium	203-1	8243549	8249549	8181544	8224880	0.46	cps
Thallium	205-1	19565125	19517711	19530507	19537781	0.13	cps
Tin	118-1	6527789	6481923	6410445	6473385	0.91	cps
Titanium	47-1	991995	996267	994108	994123	0.21	cps
Uranium	238-1	27053830	26997731	26850740	26967434	0.39	cps
Vanadium	51-2	1833059	1836538	1837438	1835679	0.13	cps
Yttrium	89-1	14302467	14298979	14233521	14278323	0.27	cps
Yttrium	89-2	2023001	2039194	2024515	2028903	0.44	cps
Zinc	66-2	738713	745914	742187	742271	0.49	cps
Zirconium	90-1	12931930	12903142	12790899	12875323	0.58	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	PB98735BS	Instrumnet Name :	P7
Client Sample ID :	PB98735BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:36:29	DataFile Name :	145CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2824682	2821627	2807310	2817873	0.33	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01	Instrumnet Name :	P7
Client Sample ID :	S36-0106	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:39:54	DataFile Name :	146SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9754	11528	9604	10295	10.39	cps
Antimony	121-1	67546	73862	83004	74804	10.39	cps
Arsenic	75-2	22156	22230	22668	22351	1.24	cps
Barium	135-1	107279	105809	104894	105994	1.13	cps
Barium	137-1	186639	186409	185735	186261	0.25	cps
Beryllium	9-1	350	294	239	294	18.87	cps
Bismuth	209-1	12731709	12629562	12615766	12659013	0.50	cps
Bismuth	209-2	6196838	6233396	6256703	6228979	0.48	cps
Boron	10-1	18345	18504	18312	18387	0.56	cps
Boron	11-1	93060	90755	93429	92415	1.57	cps
Cadmium	111-1	3982	4203	3867	4017	4.26	cps
Cadmium	106-1	4759	5076	4993	4943	3.32	cps
Cadmium	108-1	71	83	58	71	17.65	cps
Calcium	43-1	4391629	4405311	4381362	4392767	0.27	cps
Calcium	44-1	71895675	71957370	72228506	72027184	0.25	cps
Chromium	52-2	5018	4881	5211	5036	3.29	cps
Cobalt	59-2	2397	2484	2454	2445	1.80	cps
Copper	63-2	79840	78395	78053	78763	1.20	cps
Dysprosium	156-1	1492	1609	1617	1572	4.45	cps
Dysprosium	156-2	667	660	617	648	4.19	cps
Erbium	164-1	1550	1600	1584	1578	1.61	cps
Erbium	164-2	767	693	713	724	5.23	cps
Gadolinium	160-1	1784	1575	1634	1664	6.46	cps
Gadolinium	160-2	737	897	767	800	10.63	cps
Holmium	165-1	18397865	18312881	18576411	18429052	0.73	cps
Holmium	165-2	8454865	8338761	8445192	8412939	0.77	cps
Indium	115-1	13805347	13748270	13929274	13827630	0.67	cps
Indium	115-2	2382268	2379340	2394473	2385361	0.34	cps
Iron	56-2	24959546	25017080	25178343	25051657	0.45	cps
Iron	57-2	604146	606527	609643	606772	0.45	cps
Lead	206-1	7858	7636	7491	7662	2.41	cps
Lead	207-1	6463	6252	6302	6339	1.74	cps
Lead	208-1	31032	29130	29030	29731	3.80	cps
Lithium	6-1	1649569	1625429	1605660	1626886	1.35	cps
Magnesium	24-2	9633025	9856154	9746374	9745184	1.14	cps
Manganese	55-2	1146512	1145116	1154771	1148800	0.45	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01	Instrumnet Name :	P7
Client Sample ID :	S36-0106	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:39:54	DataFile Name :	146SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7527	7552	9103	8061	11.20	cps
Molybdenum	95-1	7436	8478	9829	8581	13.98	cps
Molybdenum	96-1	8761	10338	11063	10054	11.70	cps
Molybdenum	97-1	4884	5360	6318	5521	13.23	cps
Molybdenum	98-1	12089	13757	16585	14144	16.07	cps
Neodymium	150-1	1547	1980	1834	1787	12.34	cps
Neodymium	150-2	677	657	527	620	13.14	cps
Nickel	60-2	1790	2080	1873	1915	7.80	cps
Phosphorus	31-2	892	642	892	808	17.86	cps
Potassium	39-2	1468803	1469776	1479249	1472609	0.39	cps
Rhodium	103-1	12259473	12269774	12374522	12301256	0.52	cps
Rhodium	103-2	5456165	5480695	5490328	5475729	0.32	cps
Scandium	45-1	7447994	7382546	7466410	7432317	0.59	cps
Scandium	45-2	321087	317644	320287	319673	0.56	cps
Selenium	77-2	23	27	23	24	7.89	cps
Selenium	78-2	113	81	113	102	17.74	cps
Selenium	82-1	-41	167	164	97	123.43	cps
Silicon	28-1	47065959	46791149	46501215	46786108	0.60	cps
Silver	109-1	10338	9495	8570	9467	9.34	cps
Silver	107-1	11572	10121	8603	10099	14.70	cps
Sodium	23-2	19531958	19635228	19718843	19628676	0.48	cps
Strontium	86-1	3014583	3016833	3017197	3016204	0.05	cps
Strontium	88-1	26465414	26563228	26588067	26538903	0.24	cps
Sulfur	34-1	1475417	1465115	1464969	1468500	0.41	cps
Terbium	159-1	18984857	19157070	19163140	19101689	0.53	cps
Terbium	159-2	8461132	8409279	8411641	8427351	0.35	cps
Thallium	203-1	1717	1317	933	1322	29.63	cps
Thallium	205-1	4968	3259	2809	3678	30.97	cps
Tin	118-1	19824	20532	20582	20313	2.09	cps
Titanium	47-1	11188	11472	11522	11394	1.58	cps
Uranium	238-1	68559	68792	68090	68481	0.52	cps
Vanadium	51-2	2237	2140	2034	2137	4.76	cps
Yttrium	89-1	13485550	13524027	13373752	13461110	0.58	cps
Yttrium	89-2	1797816	1804861	1807848	1803508	0.29	cps
Zinc	66-2	4624	4537	4407	4523	2.41	cps
Zirconium	90-1	7811	7861	8636	8103	5.71	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01	Instrumnet Name :	P7
Client Sample ID :	S36-0106	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:39:54	DataFile Name :	146SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1884	2009	1925	1939	3.28	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:43:22	DataFile Name :	147SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11730	10879	11096	11235	3.94	cps
Antimony	121-1	18972	21459	22761	21064	9.14	cps
Arsenic	75-2	21967	21937	21681	21862	0.72	cps
Barium	135-1	104651	104424	104962	104679	0.26	cps
Barium	137-1	181359	183682	182618	182553	0.64	cps
Beryllium	9-1	217	217	206	213	3.01	cps
Bismuth	209-1	12525584	12590804	12638112	12584833	0.45	cps
Bismuth	209-2	6183366	6154061	6161481	6166303	0.25	cps
Boron	10-1	15884	16660	15684	16076	3.21	cps
Boron	11-1	83019	80859	82651	82176	1.41	cps
Cadmium	111-1	3589	3380	3448	3473	3.07	cps
Cadmium	106-1	4926	4626	4709	4754	3.26	cps
Cadmium	108-1	25	29	33	29	14.28	cps
Calcium	43-1	4321780	4317902	4307591	4315758	0.17	cps
Calcium	44-1	70392074	70239993	70661952	70431340	0.30	cps
Chromium	52-2	5218	5218	5411	5282	2.11	cps
Cobalt	59-2	2690	2497	2707	2631	4.44	cps
Copper	63-2	68952	67927	69692	68857	1.29	cps
Dysprosium	156-1	1484	1592	1475	1517	4.29	cps
Dysprosium	156-2	590	650	620	620	4.84	cps
Erbium	164-1	1500	1759	1759	1672	8.92	cps
Erbium	164-2	667	720	627	671	6.98	cps
Gadolinium	160-1	1684	1634	1725	1681	2.73	cps
Gadolinium	160-2	830	887	820	846	4.25	cps
Holmium	165-1	18416485	18285818	18172666	18291656	0.67	cps
Holmium	165-2	8547284	8344595	8367551	8419810	1.32	cps
Indium	115-1	13701941	13608774	13679786	13663500	0.36	cps
Indium	115-2	2364932	2348457	2370838	2361409	0.49	cps
Iron	56-2	24979945	24725443	24916350	24873913	0.53	cps
Iron	57-2	599439	597005	602841	599762	0.49	cps
Lead	206-1	6952	6969	6952	6958	0.14	cps
Lead	207-1	5840	5607	5474	5640	3.29	cps
Lead	208-1	26772	26528	26322	26541	0.85	cps
Lithium	6-1	1570220	1553947	1567022	1563730	0.55	cps
Magnesium	24-2	9615959	9593487	9589821	9599755	0.15	cps
Manganese	55-2	1134607	1132017	1138527	1135050	0.29	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:43:22	DataFile Name :	147SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3842	4559	4409	4270	8.86	cps
Molybdenum	95-1	3734	4326	4951	4337	14.03	cps
Molybdenum	96-1	4793	5468	5568	5276	7.99	cps
Molybdenum	97-1	2675	2775	2992	2814	5.75	cps
Molybdenum	98-1	6168	7386	8094	7216	13.50	cps
Neodymium	150-1	1914	2020	1800	1911	5.76	cps
Neodymium	150-2	650	653	737	680	7.22	cps
Nickel	60-2	2014	1967	2094	2025	3.16	cps
Phosphorus	31-2	833	750	775	786	5.44	cps
Potassium	39-2	1450714	1445136	1449033	1448294	0.20	cps
Rhodium	103-1	12115022	12190597	12217017	12174212	0.43	cps
Rhodium	103-2	5458433	5419019	5512507	5463320	0.86	cps
Scandium	45-1	7395395	7402573	7446901	7414956	0.38	cps
Scandium	45-2	318942	318393	319728	319021	0.21	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	76	89	104	90	15.53	cps
Selenium	82-1	-101	119	153	57	240.59	cps
Silicon	28-1	45558218	46592326	45884312	46011619	1.15	cps
Silver	109-1	4626	4734	3984	4448	9.12	cps
Silver	107-1	5109	4926	4859	4965	2.61	cps
Sodium	23-2	19340398	19252830	19253397	19282208	0.26	cps
Strontium	86-1	2966701	2978946	2988589	2978079	0.37	cps
Strontium	88-1	26165820	26453189	26452635	26357215	0.63	cps
Sulfur	34-1	1452828	1448388	1449586	1450267	0.16	cps
Terbium	159-1	18778091	19013860	19121132	18971028	0.93	cps
Terbium	159-2	8431631	8328438	8325398	8361822	0.72	cps
Thallium	203-1	308	475	325	369	24.85	cps
Thallium	205-1	925	792	917	878	8.51	cps
Tin	118-1	15217	16060	15960	15746	2.92	cps
Titanium	47-1	13265	12714	13123	13034	2.19	cps
Uranium	238-1	66599	66188	67587	66791	1.08	cps
Vanadium	51-2	2414	2217	2297	2309	4.28	cps
Yttrium	89-1	13451824	13435886	13593118	13493609	0.64	cps
Yttrium	89-2	1803659	1794784	1801411	1799951	0.26	cps
Zinc	66-2	4731	4597	4621	4650	1.53	cps
Zirconium	90-1	4826	7012	5201	5680	20.58	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUP	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:43:22	DataFile Name :	147SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1242	1225	1350	1272	5.33	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 19:46:52	DataFile Name :	148SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1950	2484	2175	2203	12.16	cps
Antimony	121-1	3842	4234	4017	4031	4.87	cps
Arsenic	75-2	4788	4599	4701	4696	2.01	cps
Barium	135-1	21292	21484	22344	21707	2.58	cps
Barium	137-1	38003	37201	37769	37658	1.10	cps
Beryllium	9-1	167	200	217	194	13.10	cps
Bismuth	209-1	13063496	12949088	13069343	13027309	0.52	cps
Bismuth	209-2	6557460	6573092	6591892	6574148	0.26	cps
Boron	10-1	4501	4993	4426	4640	6.64	cps
Boron	11-1	24003	24387	24262	24217	0.81	cps
Cadmium	111-1	3324	3410	3432	3389	1.68	cps
Cadmium	106-1	4743	4818	4893	4818	1.56	cps
Cadmium	108-1	29	0	25	18	87.37	cps
Calcium	43-1	916616	906599	913988	912401	0.57	cps
Calcium	44-1	14921962	15032713	14944495	14966390	0.39	cps
Chromium	52-2	2020	2000	1950	1990	1.81	cps
Cobalt	59-2	627	603	553	594	6.30	cps
Copper	63-2	35694	35199	34648	35180	1.49	cps
Dysprosium	156-1	317	258	267	281	11.25	cps
Dysprosium	156-2	97	93	177	122	38.60	cps
Erbium	164-1	342	483	342	389	21.03	cps
Erbium	164-2	203	167	193	188	10.09	cps
Gadolinium	160-1	417	317	450	394	17.59	cps
Gadolinium	160-2	203	153	157	171	16.34	cps
Holmium	165-1	19046228	19093331	18825466	18988341	0.75	cps
Holmium	165-2	8905149	8938913	8885282	8909782	0.30	cps
Indium	115-1	14632380	14681086	14341244	14551570	1.26	cps
Indium	115-2	2559471	2563835	2576099	2566468	0.34	cps
Iron	56-2	5303392	5200480	5258215	5254029	0.98	cps
Iron	57-2	126759	131040	131052	129617	1.91	cps
Lead	206-1	2161	2395	2167	2241	5.94	cps
Lead	207-1	2106	1989	1900	1998	5.16	cps
Lead	208-1	8818	9024	8440	8761	3.38	cps
Lithium	6-1	1611175	1610300	1613926	1611800	0.12	cps
Magnesium	24-2	2083528	2095718	2088394	2089213	0.29	cps
Manganese	55-2	243247	245602	247405	245418	0.85	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 19:46:52	DataFile Name :	148SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	883	1258	1500	1214	25.60	cps
Molybdenum	95-1	1158	1475	1375	1336	12.12	cps
Molybdenum	96-1	1483	1684	2225	1797	21.35	cps
Molybdenum	97-1	742	817	1108	889	21.79	cps
Molybdenum	98-1	1975	2384	2242	2200	9.42	cps
Neodymium	150-1	393	347	380	373	6.44	cps
Neodymium	150-2	143	130	107	127	14.65	cps
Nickel	60-2	783	830	830	814	3.31	cps
Phosphorus	31-2	317	300	417	344	18.32	cps
Potassium	39-2	348238	349371	351299	349636	0.44	cps
Rhodium	103-1	13221007	13177060	13113981	13170683	0.41	cps
Rhodium	103-2	6076670	6112376	6103934	6097660	0.31	cps
Scandium	45-1	7954048	7957550	7897692	7936430	0.42	cps
Scandium	45-2	347380	348626	348289	348098	0.19	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	78	96	83	86	11.08	cps
Selenium	82-1	-96	-120	-179	-131	-32.52	cps
Silicon	28-1	10233814	10123072	10070543	10142476	0.82	cps
Silver	109-1	2059	1984	1800	1947	6.83	cps
Silver	107-1	1975	1959	1959	1964	0.49	cps
Sodium	23-2	4229238	4200916	4200939	4210364	0.39	cps
Strontium	86-1	628607	620652	624778	624679	0.64	cps
Strontium	88-1	5405636	5555176	5411614	5457475	1.55	cps
Sulfur	34-1	810224	808140	804603	807656	0.35	cps
Terbium	159-1	19570456	19518795	19871588	19653613	0.97	cps
Terbium	159-2	8821507	8754970	8879304	8818594	0.71	cps
Thallium	203-1	108	142	175	142	23.53	cps
Thallium	205-1	425	300	350	358	17.56	cps
Tin	118-1	2425	2400	2850	2559	9.89	cps
Titanium	47-1	2350	2592	3724	2889	25.38	cps
Uranium	238-1	13316	13391	13483	13397	0.63	cps
Vanadium	51-2	643	653	507	601	13.63	cps
Yttrium	89-1	14227644	14246116	14222719	14232160	0.09	cps
Yttrium	89-2	1929083	1935568	1938397	1934349	0.25	cps
Zinc	66-2	1123	1110	950	1061	9.09	cps
Zirconium	90-1	1567	1750	1667	1661	5.53	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-05 19:46:52	DataFile Name :	148SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	342	492	381	25.68	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02	Instrumnet Name :	P7
Client Sample ID :	S36-0106MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:50:22	DataFile Name :	149SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1090953	1100341	1097579	1096291	0.44	cps
Antimony	121-1	7581255	7688931	7660495	7643561	0.73	cps
Arsenic	75-2	258160	257672	259459	258430	0.36	cps
Barium	135-1	9240374	9284074	9321162	9281870	0.44	cps
Barium	137-1	16143937	16093700	16139362	16125667	0.17	cps
Beryllium	9-1	1029801	1034516	1034589	1032969	0.27	cps
Bismuth	209-1	12167104	12190579	12228846	12195510	0.26	cps
Bismuth	209-2	5997518	6056236	6048827	6034194	0.53	cps
Boron	10-1	312234	316588	321481	316768	1.46	cps
Boron	11-1	1544059	1561855	1588285	1564733	1.42	cps
Cadmium	111-1	1792226	1789868	1803623	1795239	0.41	cps
Cadmium	106-1	201447	203695	205048	203396	0.89	cps
Cadmium	108-1	133979	134173	134682	134278	0.27	cps
Calcium	43-1	6251770	6279122	6360578	6297157	0.90	cps
Calcium	44-1	100098154	100210602	101901702	100736820	1.00	cps
Chromium	52-2	2015285	2020237	2036179	2023900	0.54	cps
Cobalt	59-2	3300067	3297496	3322242	3306602	0.41	cps
Copper	63-2	4960347	4982560	5027928	4990278	0.69	cps
Dysprosium	156-1	1909	1859	2209	1992	9.51	cps
Dysprosium	156-2	653	783	630	689	11.99	cps
Erbium	164-1	9645	10204	10154	10001	3.09	cps
Erbium	164-2	4521	4407	4578	4502	1.92	cps
Gadolinium	160-1	2334	2600	2484	2473	5.41	cps
Gadolinium	160-2	1243	1157	1190	1197	3.65	cps
Holmium	165-1	18163998	18270068	18133467	18189177	0.39	cps
Holmium	165-2	8394997	8300939	8355846	8350594	0.57	cps
Indium	115-1	12919027	13154218	13079792	13051012	0.92	cps
Indium	115-2	2268691	2265477	2282623	2272264	0.40	cps
Iron	56-2	110668377	110104986	110679316	110484227	0.30	cps
Iron	57-2	2685882	2681980	2694882	2687581	0.25	cps
Lead	206-1	7125429	6729697	7153734	7002953	3.39	cps
Lead	207-1	5558600	5552669	5625587	5578952	0.73	cps
Lead	208-1	27177006	26691013	27430092	27099370	1.39	cps
Lithium	6-1	1512516	1500384	1521086	1511329	0.69	cps
Magnesium	24-2	23307731	23559466	23396452	23421216	0.55	cps
Manganese	55-2	3349156	3332922	3361481	3347853	0.43	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02	Instrumnet Name :	P7
Client Sample ID :	S36-0106MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:50:22	DataFile Name :	149SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8569498	8542434	8571960	8561297	0.19	cps
Molybdenum	95-1	7228865	7158028	7205465	7197453	0.50	cps
Molybdenum	96-1	8594429	8541871	8663437	8599913	0.71	cps
Molybdenum	97-1	4400129	4413636	4451764	4421843	0.61	cps
Molybdenum	98-1	11715776	11800327	11793996	11770033	0.40	cps
Neodymium	150-1	2840	2700	2527	2689	5.84	cps
Neodymium	150-2	797	833	790	807	2.89	cps
Nickel	60-2	880926	884450	889765	885047	0.50	cps
Phosphorus	31-2	917	708	892	839	13.56	cps
Potassium	39-2	8106935	8088638	8170205	8121926	0.53	cps
Rhodium	103-1	11797910	11830459	11850005	11826124	0.22	cps
Rhodium	103-2	5349913	5370257	5403520	5374564	0.50	cps
Scandium	45-1	7279346	7254666	7350171	7294728	0.68	cps
Scandium	45-2	318889	318492	323392	320257	0.85	cps
Selenium	77-2	4471	4587	4547	4535	1.31	cps
Selenium	78-2	15753	15380	15125	15419	2.05	cps
Selenium	82-1	109026	109795	110269	109697	0.57	cps
Silicon	28-1	50524791	50724853	51209552	50819732	0.69	cps
Silver	109-1	4099052	4098274	4141602	4112976	0.60	cps
Silver	107-1	4281430	4290734	4325417	4299194	0.54	cps
Sodium	23-2	46431684	46593070	45888327	46304360	0.80	cps
Strontium	86-1	5151334	5151209	5228800	5177115	0.86	cps
Strontium	88-1	45511406	45217545	46017783	45582245	0.89	cps
Sulfur	34-1	1427008	1437517	1439064	1434530	0.46	cps
Terbium	159-1	18615942	18701710	18820953	18712868	0.55	cps
Terbium	159-2	8325628	8209589	8328103	8287773	0.82	cps
Thallium	203-1	8125766	8207073	8210101	8180980	0.58	cps
Thallium	205-1	19369382	19490865	19436522	19432256	0.31	cps
Tin	118-1	12081754	12333587	12296947	12237430	1.11	cps
Titanium	47-1	1805184	1810219	1834528	1816644	0.86	cps
Uranium	238-1	27276774	27368480	27974531	27539928	1.38	cps
Vanadium	51-2	1615029	1618161	1620486	1617892	0.17	cps
Yttrium	89-1	13186889	13257117	13341963	13261990	0.59	cps
Yttrium	89-2	1781860	1788881	1791995	1787578	0.29	cps
Zinc	66-2	669762	674567	677128	673819	0.55	cps
Zirconium	90-1	11920416	12023057	12012500	11985324	0.47	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02	Instrumnet Name :	P7
Client Sample ID :	S36-0106MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:50:22	DataFile Name :	149SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2641167	2642754	2652597	2645506	0.23	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:53:46	DataFile Name :	150SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1073621	1087160	1095549	1085443	1.02	cps
Antimony	121-1	7569750	7630799	7593457	7598002	0.41	cps
Arsenic	75-2	254299	256374	258311	256328	0.78	cps
Barium	135-1	9278634	9277043	9224389	9260022	0.33	cps
Barium	137-1	15985249	16158166	15991961	16045125	0.61	cps
Beryllium	9-1	1024470	1026902	1025152	1025508	0.12	cps
Bismuth	209-1	12182619	12103272	12133418	12139770	0.33	cps
Bismuth	209-2	5964091	5992840	6092036	6016322	1.12	cps
Boron	10-1	317081	318749	320287	318705	0.50	cps
Boron	11-1	1564220	1566178	1574390	1568263	0.34	cps
Cadmium	111-1	1780105	1780285	1774089	1778160	0.20	cps
Cadmium	106-1	199366	199427	201362	200052	0.57	cps
Cadmium	108-1	131856	132802	132487	132382	0.36	cps
Calcium	43-1	6095020	6123114	6090150	6102762	0.29	cps
Calcium	44-1	97204036	97909677	97898169	97670627	0.41	cps
Chromium	52-2	1992229	2006105	2025549	2007961	0.83	cps
Cobalt	59-2	3243406	3288336	3308444	3280062	1.02	cps
Copper	63-2	4895246	4932325	4979883	4935818	0.86	cps
Dysprosium	156-1	2042	2084	2159	2095	2.82	cps
Dysprosium	156-2	810	763	813	796	3.51	cps
Erbium	164-1	10796	10346	10021	10388	3.75	cps
Erbium	164-2	4467	4514	4644	4542	2.02	cps
Gadolinium	160-1	2525	2717	2592	2611	3.73	cps
Gadolinium	160-2	1290	1240	1080	1203	9.12	cps
Holmium	165-1	18190566	18216334	18031832	18146244	0.55	cps
Holmium	165-2	8344675	8436659	8475402	8418912	0.80	cps
Indium	115-1	12944981	13154477	13014405	13037955	0.82	cps
Indium	115-2	2237346	2277449	2293437	2269411	1.27	cps
Iron	56-2	109084061	109421647	109813236	109439648	0.33	cps
Iron	57-2	2638115	2669807	2689077	2665666	0.97	cps
Lead	206-1	7053965	7117124	7083538	7084876	0.45	cps
Lead	207-1	5561677	5574994	5588737	5575136	0.24	cps
Lead	208-1	27028158	27127630	27264900	27140229	0.44	cps
Lithium	6-1	1509645	1503805	1483213	1498887	0.93	cps
Magnesium	24-2	23228291	23153253	23465719	23282421	0.70	cps
Manganese	55-2	3276128	3309339	3338942	3308136	0.95	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:53:46	DataFile Name :	150SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8567582	8518359	8476024	8520655	0.54	cps
Molybdenum	95-1	7181297	7190140	7077836	7149758	0.87	cps
Molybdenum	96-1	8537756	8540933	8463089	8513926	0.52	cps
Molybdenum	97-1	4386628	4414107	4395664	4398800	0.32	cps
Molybdenum	98-1	11690285	11715208	11598442	11667978	0.53	cps
Neodymium	150-1	3007	2774	2814	2865	4.36	cps
Neodymium	150-2	797	927	913	879	8.14	cps
Nickel	60-2	871175	876298	882020	876498	0.62	cps
Phosphorus	31-2	825	883	808	839	4.69	cps
Potassium	39-2	7969247	8070038	8086562	8041949	0.79	cps
Rhodium	103-1	11777173	11827943	11835242	11813453	0.27	cps
Rhodium	103-2	5326658	5367437	5404084	5366060	0.72	cps
Scandium	45-1	7306755	7277915	7240566	7275079	0.46	cps
Scandium	45-2	316222	319756	323730	319903	1.17	cps
Selenium	77-2	4644	4637	4647	4643	0.11	cps
Selenium	78-2	15479	15308	15555	15447	0.82	cps
Selenium	82-1	108491	109402	108607	108833	0.46	cps
Silicon	28-1	49633451	49660473	49737787	49677237	0.11	cps
Silver	109-1	4086847	4082809	4099007	4089555	0.21	cps
Silver	107-1	4233455	4257968	4251419	4247614	0.30	cps
Sodium	23-2	45633915	45750397	46215829	45866714	0.67	cps
Strontium	86-1	5141356	5118223	5095311	5118296	0.45	cps
Strontium	88-1	45002556	45139060	44694612	44945410	0.51	cps
Sulfur	34-1	1406771	1411138	1412487	1410132	0.21	cps
Terbium	159-1	18883266	18836765	18780499	18833510	0.27	cps
Terbium	159-2	8325713	8258064	8355906	8313228	0.60	cps
Thallium	203-1	8127402	8190144	8123179	8146908	0.46	cps
Thallium	205-1	19350344	19320088	19105318	19258583	0.69	cps
Tin	118-1	12153413	12115292	12180215	12149640	0.27	cps
Titanium	47-1	1802885	1810892	1802884	1805554	0.26	cps
Uranium	238-1	27388003	27211409	27539637	27379683	0.60	cps
Vanadium	51-2	1597835	1606570	1611462	1605289	0.43	cps
Yttrium	89-1	13317574	13225444	13190706	13244574	0.50	cps
Yttrium	89-2	1771580	1791789	1799699	1787689	0.81	cps
Zinc	66-2	662379	665665	672830	666958	0.80	cps
Zirconium	90-1	11911263	12004563	11826620	11914149	0.75	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:53:46	DataFile Name :	150SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2614839	2633228	2598122	2615396	0.67	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0106A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:57:10	DataFile Name :	151SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1066668	1072518	1090831	1076672	1.17	cps
Antimony	121-1	7866042	7672365	7535898	7691435	2.16	cps
Arsenic	75-2	254024	252937	258173	255045	1.08	cps
Barium	135-1	9504796	9342931	9263412	9370379	1.31	cps
Barium	137-1	16389760	16305342	16025412	16240171	1.17	cps
Beryllium	9-1	1052070	1025339	1016199	1031203	1.81	cps
Bismuth	209-1	12342947	12022107	11983115	12116056	1.63	cps
Bismuth	209-2	5848731	5904357	6007839	5920309	1.36	cps
Boron	10-1	329670	323827	318998	324165	1.65	cps
Boron	11-1	1623233	1593367	1572135	1596245	1.61	cps
Cadmium	111-1	1815618	1806831	1771887	1798112	1.29	cps
Cadmium	106-1	206544	201362	199502	202469	1.80	cps
Cadmium	108-1	137375	135469	133143	135329	1.57	cps
Calcium	43-1	6344990	6284912	6136051	6255318	1.72	cps
Calcium	44-1	101763284	100048252	98331886	100047807	1.71	cps
Chromium	52-2	1986100	1988394	2017749	1997414	0.88	cps
Cobalt	59-2	3243321	3248870	3302657	3264949	1.00	cps
Copper	63-2	4934199	4918828	4994040	4949022	0.80	cps
Dysprosium	156-1	2017	2075	1925	2006	3.77	cps
Dysprosium	156-2	767	703	770	747	5.03	cps
Erbium	164-1	9921	10029	9629	9860	2.10	cps
Erbium	164-2	4484	4374	4548	4469	1.96	cps
Gadolinium	160-1	2584	2517	2484	2528	2.01	cps
Gadolinium	160-2	1297	1277	1233	1269	2.55	cps
Holmium	165-1	18112415	18218586	17743962	18024988	1.38	cps
Holmium	165-2	8172939	8171962	8406944	8250615	1.64	cps
Indium	115-1	13134431	13062511	12688737	12961893	1.85	cps
Indium	115-2	2213790	2223013	2261688	2232830	1.14	cps
Iron	56-2	109019852	108932500	109355266	109102539	0.20	cps
Iron	57-2	2640132	2636807	2680666	2652535	0.92	cps
Lead	206-1	7293065	7189559	6629379	7037334	5.07	cps
Lead	207-1	5659157	5614512	5526946	5600205	1.20	cps
Lead	208-1	27835663	27348612	26557027	27247101	2.37	cps
Lithium	6-1	1514011	1493529	1476451	1494664	1.26	cps
Magnesium	24-2	22973930	23114295	23564724	23217650	1.33	cps
Manganese	55-2	3276462	3295706	3330290	3300819	0.83	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0106A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:57:10	DataFile Name :	151SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8687756	8654062	8484647	8608822	1.26	cps
Molybdenum	95-1	7254367	7274693	7116783	7215281	1.19	cps
Molybdenum	96-1	8788346	8628845	8558879	8658690	1.36	cps
Molybdenum	97-1	4499311	4428450	4358813	4428858	1.59	cps
Molybdenum	98-1	12007436	11714855	11526818	11749703	2.06	cps
Neodymium	150-1	2840	2947	2714	2834	4.12	cps
Neodymium	150-2	793	867	930	863	7.92	cps
Nickel	60-2	874695	869354	884926	876325	0.90	cps
Phosphorus	31-2	867	833	608	770	18.26	cps
Potassium	39-2	7976254	7918048	8090919	7995074	1.10	cps
Rhodium	103-1	12063063	11718039	11585473	11788858	2.09	cps
Rhodium	103-2	5228131	5292647	5350865	5290548	1.16	cps
Scandium	45-1	7416425	7315905	7190433	7307588	1.55	cps
Scandium	45-2	313394	311718	317747	314286	0.99	cps
Selenium	77-2	4587	4527	4541	4552	0.69	cps
Selenium	78-2	15251	15449	15762	15487	1.67	cps
Selenium	82-1	112230	110448	108471	110383	1.70	cps
Silicon	28-1	51156762	49886801	49288366	50110643	1.90	cps
Silver	109-1	4188358	4127863	4082267	4132829	1.29	cps
Silver	107-1	4378218	4278712	4238921	4298617	1.67	cps
Sodium	23-2	45395408	45827294	46363598	45862100	1.06	cps
Strontium	86-1	5273881	5174623	5132096	5193533	1.40	cps
Strontium	88-1	46530661	45856433	45002470	45796522	1.67	cps
Sulfur	34-1	1441500	1416839	1402863	1420401	1.38	cps
Terbium	159-1	19027253	18886462	18657827	18857181	0.99	cps
Terbium	159-2	8202839	8200355	8278800	8227331	0.54	cps
Thallium	203-1	8341783	8202434	8056621	8200279	1.74	cps
Thallium	205-1	19768930	19472489	19289350	19510256	1.24	cps
Tin	118-1	12503490	12298871	11951097	12251153	2.28	cps
Titanium	47-1	1855196	1830185	1786695	1824025	1.90	cps
Uranium	238-1	28257994	27584108	27679489	27840530	1.31	cps
Vanadium	51-2	1591015	1583784	1622248	1599016	1.28	cps
Yttrium	89-1	13558707	13255643	13149338	13321229	1.59	cps
Yttrium	89-2	1736286	1752485	1786457	1758409	1.46	cps
Zinc	66-2	661866	662738	676086	666897	1.20	cps
Zirconium	90-1	12191435	12117330	11856747	12055170	1.46	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01A	Instrumnet Name :	P7
Client Sample ID :	S36-0106A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 19:57:10	DataFile Name :	151SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2676518	2658503	2620862	2651961	1.07	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-05	Instrumnet Name :	P7
Client Sample ID :	S36-0112	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:00:34	DataFile Name :	152SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	975	1142	1031	9.34	cps
Antimony	121-1	8586	8886	9312	8928	4.08	cps
Arsenic	75-2	18297	18738	18551	18529	1.20	cps
Barium	135-1	154162	153034	151534	152910	0.86	cps
Barium	137-1	268623	267650	269960	268744	0.43	cps
Beryllium	9-1	444	339	389	391	13.51	cps
Bismuth	209-1	12659414	12758871	12810724	12743003	0.60	cps
Bismuth	209-2	6124834	6141728	6167609	6144724	0.35	cps
Boron	10-1	23461	23536	22342	23113	2.89	cps
Boron	11-1	116974	114103	111953	114343	2.20	cps
Cadmium	111-1	3612	3531	3861	3668	4.69	cps
Cadmium	106-1	4726	4618	5118	4820	5.46	cps
Cadmium	108-1	42	38	13	31	51.63	cps
Calcium	43-1	1948229	1934580	1920137	1934316	0.73	cps
Calcium	44-1	31993444	31988490	31672407	31884781	0.58	cps
Chromium	52-2	24852	24187	24738	24592	1.45	cps
Cobalt	59-2	957	1070	1097	1041	7.14	cps
Copper	63-2	93526	94657	93094	93759	0.86	cps
Dysprosium	156-1	142	133	125	133	6.25	cps
Dysprosium	156-2	37	40	40	39	4.94	cps
Erbium	164-1	167	158	233	186	22.09	cps
Erbium	164-2	63	53	100	72	34.02	cps
Gadolinium	160-1	167	183	258	203	24.08	cps
Gadolinium	160-2	90	63	60	71	23.12	cps
Holmium	165-1	18346654	18484976	18709623	18513751	0.99	cps
Holmium	165-2	8457046	8377020	8309457	8381175	0.88	cps
Indium	115-1	14115928	13807961	13997578	13973822	1.11	cps
Indium	115-2	2364201	2340933	2368393	2357842	0.63	cps
Iron	56-2	1053173	1048003	1045591	1048922	0.37	cps
Iron	57-2	26741	26385	26747	26625	0.78	cps
Lead	206-1	13296	13351	13418	13355	0.46	cps
Lead	207-1	10610	11160	10710	10827	2.71	cps
Lead	208-1	51268	51941	51173	51461	0.81	cps
Lithium	6-1	1550318	1538491	1536781	1541863	0.48	cps
Magnesium	24-2	4418205	4460493	4466473	4448390	0.59	cps
Manganese	55-2	440606	439273	442966	440948	0.42	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-05	Instrumnet Name :	P7
Client Sample ID :	S36-0112	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:00:34	DataFile Name :	152SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6143	6552	6944	6546	6.11	cps
Molybdenum	95-1	8436	9062	9695	9064	6.95	cps
Molybdenum	96-1	9504	10029	10955	10162	7.23	cps
Molybdenum	97-1	4918	5826	6143	5629	11.30	cps
Molybdenum	98-1	13649	14741	15484	14625	6.31	cps
Neodymium	150-1	193	193	147	178	15.16	cps
Neodymium	150-2	100	60	47	69	40.29	cps
Nickel	60-2	6972	6615	6895	6827	2.75	cps
Phosphorus	31-2	408	275	275	319	24.10	cps
Potassium	39-2	1552257	1538130	1556711	1549033	0.63	cps
Rhodium	103-1	12307002	12210246	12218332	12245193	0.44	cps
Rhodium	103-2	5514751	5489001	5495132	5499628	0.24	cps
Scandium	45-1	7388777	7471984	7392124	7417628	0.64	cps
Scandium	45-2	315003	314295	316123	315140	0.29	cps
Selenium	77-2	40	23	30	31	26.97	cps
Selenium	78-2	102	107	102	104	3.10	cps
Selenium	82-1	46	92	249	129	82.55	cps
Silicon	28-1	39637310	39420915	39338590	39465605	0.39	cps
Silver	109-1	3876	4092	3442	3803	8.70	cps
Silver	107-1	3851	3967	3792	3870	2.30	cps
Sodium	23-2	22429129	22525689	22434559	22463126	0.24	cps
Strontium	86-1	1461455	1448650	1447694	1452599	0.53	cps
Strontium	88-1	12907608	12917759	12742160	12855843	0.77	cps
Sulfur	34-1	980909	971744	967438	973364	0.71	cps
Terbium	159-1	19250605	19123151	18871061	19081606	1.01	cps
Terbium	159-2	8432320	8370390	8262337	8355016	1.03	cps
Thallium	203-1	2717	2542	2492	2584	4.57	cps
Thallium	205-1	6402	6352	6068	6274	2.87	cps
Tin	118-1	50700	48126	47682	48836	3.34	cps
Titanium	47-1	1709	2175	1784	1889	13.27	cps
Uranium	238-1	72070	68642	70619	70444	2.44	cps
Vanadium	51-2	1523	1590	1567	1560	2.17	cps
Yttrium	89-1	13685238	13627335	13603438	13638670	0.31	cps
Yttrium	89-2	1780377	1776129	1791527	1782678	0.45	cps
Zinc	66-2	6065	5918	5841	5941	1.91	cps
Zirconium	90-1	3284	3667	4401	3784	15.00	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-05	Instrumnet Name :	P7
Client Sample ID :	S36-0112	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:00:34	DataFile Name :	152SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	983	1100	964	15.23	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-06	Instrumnet Name :	P7
Client Sample ID :	S36-0113	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:04:04	DataFile Name :	153SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12656	12581	12726	12654	0.57	cps
Antimony	121-1	12690	13440	14241	13457	5.77	cps
Arsenic	75-2	32043	31998	31952	31998	0.14	cps
Barium	135-1	30577	29908	32038	30841	3.53	cps
Barium	137-1	55687	54140	55052	54959	1.42	cps
Beryllium	9-1	328	333	250	304	15.34	cps
Bismuth	209-1	12536223	12537684	12429493	12501133	0.50	cps
Bismuth	209-2	6159502	6086123	6155501	6133709	0.67	cps
Boron	10-1	20106	21049	20915	20690	2.47	cps
Boron	11-1	105391	105633	107346	106123	1.00	cps
Cadmium	111-1	6315	6683	6254	6418	3.62	cps
Cadmium	106-1	4926	4934	4701	4854	2.73	cps
Cadmium	108-1	250	179	225	218	16.48	cps
Calcium	43-1	1976213	1957085	1944399	1959232	0.82	cps
Calcium	44-1	32278618	32015285	31968880	32087594	0.52	cps
Chromium	52-2	5288	5101	5124	5171	1.97	cps
Cobalt	59-2	1453	1387	1350	1397	3.75	cps
Copper	63-2	69645	69434	71306	70128	1.46	cps
Dysprosium	156-1	533	708	550	597	16.17	cps
Dysprosium	156-2	253	223	233	237	6.45	cps
Erbium	164-1	558	650	583	597	7.93	cps
Erbium	164-2	303	207	283	264	19.30	cps
Gadolinium	160-1	583	542	550	558	3.95	cps
Gadolinium	160-2	283	367	297	316	14.19	cps
Holmium	165-1	18284230	18272274	18231082	18262529	0.15	cps
Holmium	165-2	8278204	8447730	8379236	8368390	1.02	cps
Indium	115-1	13491818	13754662	13671283	13639254	0.98	cps
Indium	115-2	2361509	2356611	2341090	2353070	0.45	cps
Iron	56-2	2857203	2861456	2872666	2863775	0.28	cps
Iron	57-2	71508	70407	70670	70862	0.81	cps
Lead	206-1	12011	12128	11806	11982	1.36	cps
Lead	207-1	10104	10460	9726	10097	3.63	cps
Lead	208-1	46115	47044	45827	46329	1.37	cps
Lithium	6-1	1489950	1501529	1497118	1496199	0.39	cps
Magnesium	24-2	4996715	4929141	4960576	4962144	0.68	cps
Manganese	55-2	1645964	1633667	1645279	1641637	0.42	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-06	Instrumnet Name :	P7
Client Sample ID :	S36-0113	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:04:04	DataFile Name :	153SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2717	3326	3751	3264	15.91	cps
Molybdenum	95-1	3309	3751	3651	3570	6.49	cps
Molybdenum	96-1	4009	4201	4651	4287	7.69	cps
Molybdenum	97-1	2134	2150	2300	2195	4.18	cps
Molybdenum	98-1	5226	6085	6719	6010	12.46	cps
Neodymium	150-1	867	773	967	869	11.13	cps
Neodymium	150-2	330	313	297	313	5.32	cps
Nickel	60-2	3284	3194	3177	3218	1.78	cps
Phosphorus	31-2	700	642	533	625	13.53	cps
Potassium	39-2	961242	957456	962617	960438	0.28	cps
Rhodium	103-1	12167873	12212161	12205411	12195148	0.20	cps
Rhodium	103-2	5504007	5487188	5469070	5486755	0.32	cps
Scandium	45-1	7241734	7315083	7309131	7288649	0.56	cps
Scandium	45-2	313385	312995	313257	313212	0.06	cps
Selenium	77-2	10	17	20	16	32.73	cps
Selenium	78-2	106	85	63	85	25.19	cps
Selenium	82-1	-175	297	116	79	300.52	cps
Silicon	28-1	43119405	44694975	43726049	43846810	1.81	cps
Silver	109-1	3426	3251	3417	3364	2.94	cps
Silver	107-1	3884	3592	3267	3581	8.62	cps
Sodium	23-2	16163022	16125024	16094417	16127488	0.21	cps
Strontium	86-1	1439775	1446374	1443797	1443315	0.23	cps
Strontium	88-1	12729391	12949731	12916309	12865144	0.92	cps
Sulfur	34-1	690034	696316	693244	693198	0.45	cps
Terbium	159-1	18957450	18867732	18960368	18928517	0.28	cps
Terbium	159-2	8425800	8357845	8314710	8366118	0.67	cps
Thallium	203-1	925	808	825	853	7.40	cps
Thallium	205-1	2025	1742	1850	1872	7.64	cps
Tin	118-1	30551	31369	31085	31002	1.34	cps
Titanium	47-1	9754	10196	9912	9954	2.25	cps
Uranium	238-1	7803	7686	7294	7594	3.51	cps
Vanadium	51-2	2657	2524	2600	2594	2.58	cps
Yttrium	89-1	13341336	13344381	13418319	13368012	0.33	cps
Yttrium	89-2	1784850	1770087	1774210	1776382	0.43	cps
Zinc	66-2	34317	34096	34708	34374	0.90	cps
Zirconium	90-1	3912	2909	3442	3421	14.68	cps

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-06	Instrumnet Name :	P7
Client Sample ID :	S36-0113	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:04:04	DataFile Name :	153SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	1000	1008	886	23.08	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:07:34	DataFile Name :	154CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1203159	1214074	1215441	1210891	0.56	cps
Antimony	121-1	7955056	7789528	7780491	7841692	1.25	cps
Arsenic	75-2	255774	257951	257612	257113	0.46	cps
Barium	135-1	9578692	9540174	9548216	9555694	0.21	cps
Barium	137-1	16645000	16502990	16540049	16562680	0.44	cps
Beryllium	9-1	1309187	1298468	1296184	1301280	0.53	cps
Bismuth	209-1	12667546	12679241	12721083	12689290	0.22	cps
Bismuth	209-2	6451737	5714582	6479577	6215299	6.98	cps
Boron	10-1	162226	163920	164508	163551	0.72	cps
Boron	11-1	816486	818087	826097	820223	0.63	cps
Cadmium	111-1	1957827	1957234	1939317	1951459	0.54	cps
Cadmium	106-1	220897	224139	218335	221124	1.32	cps
Cadmium	108-1	143883	143131	143917	143643	0.31	cps
Calcium	43-1	2017807	2008636	1987850	2004764	0.77	cps
Calcium	44-1	32872381	32684150	32451322	32669284	0.65	cps
Chromium	52-2	2168801	2190060	2180050	2179637	0.49	cps
Cobalt	59-2	3592528	3606337	3599548	3599471	0.19	cps
Copper	63-2	4950923	4979124	4981557	4970535	0.34	cps
Dysprosium	156-1	183	208	175	189	9.19	cps
Dysprosium	156-2	27	43	37	36	23.58	cps
Erbium	164-1	83	58	92	78	22.30	cps
Erbium	164-2	50	27	33	37	32.78	cps
Gadolinium	160-1	108	225	100	144	48.38	cps
Gadolinium	160-2	67	120	50	79	46.35	cps
Holmium	165-1	18941228	19058589	18770505	18923441	0.77	cps
Holmium	165-2	8840025	7767915	8808852	8472264	7.20	cps
Indium	115-1	14059198	14248910	14101391	14136500	0.70	cps
Indium	115-2	2543048	2250495	2532353	2441965	6.79	cps
Iron	56-2	94277744	93707927	93440966	93808879	0.46	cps
Iron	57-2	2282980	2285843	2281193	2283339	0.10	cps
Lead	206-1	6579379	6521684	6457742	6519602	0.93	cps
Lead	207-1	5921678	5911790	5894015	5909161	0.24	cps
Lead	208-1	27237399	27118313	26986882	27114198	0.46	cps
Lithium	6-1	1610982	1618172	1617018	1615391	0.24	cps
Magnesium	24-2	14969159	15045068	15108267	15040831	0.46	cps
Manganese	55-2	2427592	2452610	2438972	2439725	0.51	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:07:34	DataFile Name :	154CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7045792	6942528	6892128	6960149	1.13	cps
Molybdenum	95-1	3658573	3663546	3620031	3647383	0.65	cps
Molybdenum	96-1	4755446	4681393	4672517	4703119	0.97	cps
Molybdenum	97-1	2307219	2289007	2266475	2287567	0.89	cps
Molybdenum	98-1	6102879	6151464	6034729	6096357	0.96	cps
Neodymium	150-1	673	647	627	649	3.61	cps
Neodymium	150-2	53	63	33	50	30.55	cps
Nickel	60-2	952918	952035	951980	952311	0.06	cps
Phosphorus	31-2	69956	70040	70484	70160	0.40	cps
Potassium	39-2	7473319	7504318	7499649	7492429	0.22	cps
Rhodium	103-1	12766598	12905541	12763006	12811715	0.63	cps
Rhodium	103-2	5913822	5126832	5744157	5594937	7.40	cps
Scandium	45-1	7956712	7987730	7975957	7973466	0.20	cps
Scandium	45-2	357487	317286	357807	344193	6.77	cps
Selenium	77-2	5068	5214	5208	5163	1.60	cps
Selenium	78-2	17166	17494	17329	17330	0.95	cps
Selenium	82-1	119256	118290	116949	118165	0.98	cps
Silicon	28-1	4489785	4543283	4607328	4546798	1.29	cps
Silver	109-1	9437262	9400069	9396430	9411254	0.24	cps
Silver	107-1	9847044	9765400	9705224	9772556	0.73	cps
Sodium	23-2	29993733	30010199	30213164	30072365	0.41	cps
Strontium	86-1	2387836	2361487	2365468	2371597	0.60	cps
Strontium	88-1	20963475	20745841	20911522	20873613	0.54	cps
Sulfur	34-1	1266198	1254421	1251795	1257471	0.61	cps
Terbium	159-1	19380323	19624979	19537680	19514327	0.64	cps
Terbium	159-2	8870785	7758377	8699600	8442921	7.09	cps
Thallium	203-1	8583809	8481747	8413358	8492971	1.01	cps
Thallium	205-1	20195228	19933405	19951383	20026672	0.73	cps
Tin	118-1	6648122	6595670	6471686	6571826	1.38	cps
Titanium	47-1	979780	984279	976440	980166	0.40	cps
Uranium	238-1	28201849	27475384	27827106	27834780	1.31	cps
Vanadium	51-2	1767476	1779913	1768961	1772117	0.38	cps
Yttrium	89-1	14192963	14106383	14054396	14117914	0.50	cps
Yttrium	89-2	1951871	1729673	1973510	1885018	7.16	cps
Zinc	66-2	713063	720662	719100	717608	0.56	cps
Zirconium	90-1	13039783	12882935	12694772	12872497	1.34	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:07:34	DataFile Name :	154CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2868407	2835611	2805067	2836361	1.12	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:10:59	DataFile Name :	155CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	125	150	133	10.82	cps
Antimony	121-1	25282	30827	35755	30621	17.11	cps
Arsenic	75-2	257	304	304	288	9.27	cps
Barium	135-1	392	283	225	300	28.19	cps
Barium	137-1	617	417	475	503	20.46	cps
Beryllium	9-1	317	339	250	302	15.32	cps
Bismuth	209-1	12215996	12470855	12383683	12356845	1.05	cps
Bismuth	209-2	6417022	6448967	6434763	6433584	0.25	cps
Boron	10-1	6051	5493	5510	5685	5.59	cps
Boron	11-1	29713	28361	27585	28553	3.77	cps
Cadmium	111-1	3560	3488	3470	3506	1.35	cps
Cadmium	106-1	4843	4859	4768	4823	1.01	cps
Cadmium	108-1	25	38	13	25	50.00	cps
Calcium	43-1	450	450	342	414	15.11	cps
Calcium	44-1	14541	14433	13757	14244	2.98	cps
Chromium	52-2	1727	1777	1897	1800	4.85	cps
Cobalt	59-2	187	147	173	169	12.06	cps
Copper	63-2	17010	17567	17027	17201	1.84	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	20	33	13	22	45.83	cps
Gadolinium	160-1	158	133	142	144	8.82	cps
Gadolinium	160-2	23	37	23	28	27.73	cps
Holmium	165-1	17832301	17847758	17944732	17874931	0.34	cps
Holmium	165-2	8580695	8728352	8586752	8631933	0.97	cps
Indium	115-1	14005280	13885459	14001088	13963942	0.49	cps
Indium	115-2	2551018	2564992	2566319	2560776	0.33	cps
Iron	56-2	11182	10637	11738	11186	4.92	cps
Iron	57-2	233	194	256	228	13.58	cps
Lead	206-1	3045	2934	2962	2980	1.94	cps
Lead	207-1	2423	2528	2367	2439	3.36	cps
Lead	208-1	11413	11625	11764	11601	1.52	cps
Lithium	6-1	1567739	1595221	1594084	1585682	0.98	cps
Magnesium	24-2	550	550	375	492	20.55	cps
Manganese	55-2	217	230	213	220	4.01	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:10:59	DataFile Name :	155CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3134	3834	4693	3887	20.09	cps
Molybdenum	95-1	3601	4676	5535	4604	21.05	cps
Molybdenum	96-1	3984	5043	6694	5240	26.06	cps
Molybdenum	97-1	2059	2967	3842	2956	30.17	cps
Molybdenum	98-1	5560	7244	9112	7305	24.32	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	220	250	213	18.95	cps
Phosphorus	31-2	225	217	183	208	10.58	cps
Potassium	39-2	42186	43933	44175	43431	2.50	cps
Rhodium	103-1	12546376	12885944	12865062	12765794	1.49	cps
Rhodium	103-2	6081371	6087617	6038673	6069220	0.44	cps
Scandium	45-1	7657947	7780729	7875429	7771368	1.40	cps
Scandium	45-2	352349	354631	356179	354386	0.54	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	106	96	126	109	13.87	cps
Selenium	82-1	-139	110	3	-9	-1465.95	cps
Silicon	28-1	447124	440442	446072	444546	0.81	cps
Silver	109-1	1183	1133	1075	1131	4.80	cps
Silver	107-1	1400	1442	1233	1358	8.12	cps
Sodium	23-2	39144	38926	39679	39249	0.99	cps
Strontium	86-1	5335	5476	5651	5487	2.89	cps
Strontium	88-1	1258	1183	1217	1220	3.08	cps
Sulfur	34-1	609588	609447	623619	614218	1.33	cps
Terbium	159-1	18491927	18627526	18630410	18583288	0.43	cps
Terbium	159-2	8562491	8648403	8766063	8658986	1.18	cps
Thallium	203-1	975	975	992	981	0.98	cps
Thallium	205-1	2400	2242	2075	2239	7.26	cps
Tin	118-1	4659	5243	6152	5351	14.05	cps
Titanium	47-1	142	208	167	172	19.55	cps
Uranium	238-1	1117	1008	892	1006	11.19	cps
Vanadium	51-2	90	117	123	110	16.04	cps
Yttrium	89-1	13582566	13750417	13843665	13725549	0.96	cps
Yttrium	89-2	1928367	1936601	1938346	1934438	0.28	cps
Zinc	66-2	240	327	267	278	15.98	cps
Zirconium	90-1	3192	3334	4051	3526	13.05	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:10:59	DataFile Name :	155CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	700	808	967	825	16.26	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-07	Instrumnet Name :	P7
Client Sample ID :	S36-0108	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:21:31	DataFile Name :	158SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867	675	908	817	15.24	cps
Antimony	121-1	15893	17870	18939	17567	8.80	cps
Arsenic	75-2	9835	9505	9574	9638	1.81	cps
Barium	135-1	62240	61043	62207	61830	1.10	cps
Barium	137-1	109269	107748	106792	107936	1.16	cps
Beryllium	9-1	261	156	217	211	25.10	cps
Bismuth	209-1	12419775	12528336	12657166	12535092	0.95	cps
Bismuth	209-2	6105635	6141303	6132633	6126524	0.30	cps
Boron	10-1	14107	13081	13290	13493	4.02	cps
Boron	11-1	67568	68464	67936	67989	0.66	cps
Cadmium	111-1	3513	3935	3666	3705	5.78	cps
Cadmium	106-1	4443	5151	4768	4787	7.41	cps
Cadmium	108-1	38	71	25	44	53.31	cps
Calcium	43-1	2115384	2129178	2113409	2119323	0.41	cps
Calcium	44-1	34613072	34778179	34853776	34748342	0.35	cps
Chromium	52-2	2080	2057	2237	2125	4.61	cps
Cobalt	59-2	290	337	353	327	10.05	cps
Copper	63-2	67006	65730	64900	65879	1.61	cps
Dysprosium	156-1	67	50	50	56	17.32	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	100	100	208	136	45.96	cps
Erbium	164-2	47	60	43	50	17.64	cps
Gadolinium	160-1	142	150	208	167	21.80	cps
Gadolinium	160-2	47	50	93	63	41.11	cps
Holmium	165-1	18454479	18317260	18318960	18363566	0.43	cps
Holmium	165-2	8374169	8324203	8299267	8332546	0.46	cps
Indium	115-1	13777979	13818217	14015991	13870729	0.92	cps
Indium	115-2	2380510	2355119	2366414	2367348	0.54	cps
Iron	56-2	34731	34474	33372	34192	2.11	cps
Iron	57-2	1356	1300	1372	1343	2.82	cps
Lead	206-1	5624	5273	5296	5398	3.63	cps
Lead	207-1	4895	4418	4568	4627	5.28	cps
Lead	208-1	21735	21024	20585	21115	2.75	cps
Lithium	6-1	1551599	1557108	1544702	1551136	0.40	cps
Magnesium	24-2	5018638	5015155	4992652	5008815	0.28	cps
Manganese	55-2	101332	101188	101077	101199	0.13	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-07	Instrumnet Name :	P7
Client Sample ID :	S36-0108	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:21:31	DataFile Name :	158SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3767	3567	4151	3828	7.75	cps
Molybdenum	95-1	4951	4984	4951	4962	0.39	cps
Molybdenum	96-1	5176	5776	6218	5724	9.14	cps
Molybdenum	97-1	3284	3259	3392	3312	2.14	cps
Molybdenum	98-1	8111	8736	8811	8553	4.50	cps
Neodymium	150-1	93	173	107	124	34.44	cps
Neodymium	150-2	20	20	37	26	37.66	cps
Nickel	60-2	1667	1690	1707	1688	1.19	cps
Phosphorus	31-2	208	242	192	214	11.90	cps
Potassium	39-2	1206885	1203777	1202972	1204545	0.17	cps
Rhodium	103-1	12217452	12326248	12359925	12301208	0.61	cps
Rhodium	103-2	5445982	5419444	5465371	5443599	0.42	cps
Scandium	45-1	7365651	7369967	7325589	7353736	0.33	cps
Scandium	45-2	317441	315687	315265	316131	0.36	cps
Selenium	77-2	17	30	13	20	44.10	cps
Selenium	78-2	91	104	70	88	19.03	cps
Selenium	82-1	-103	87	19	1	11066.58	cps
Silicon	28-1	42758805	42503284	42706234	42656108	0.32	cps
Silver	109-1	8003	6902	6343	7083	11.92	cps
Silver	107-1	8078	6894	6285	7085	12.87	cps
Sodium	23-2	25500379	25465280	25507489	25491049	0.09	cps
Strontium	86-1	1538996	1534892	1541590	1538493	0.22	cps
Strontium	88-1	13530331	13574362	13734807	13613166	0.79	cps
Sulfur	34-1	1260734	1260334	1262295	1261121	0.08	cps
Terbium	159-1	19004585	18942549	18985034	18977389	0.17	cps
Terbium	159-2	8329937	8313617	8307594	8317049	0.14	cps
Thallium	203-1	800	650	508	653	22.34	cps
Thallium	205-1	1667	1383	1133	1395	19.14	cps
Tin	118-1	23304	23312	23704	23440	0.98	cps
Titanium	47-1	1592	1817	1550	1653	8.68	cps
Uranium	238-1	63080	64563	64529	64058	1.32	cps
Vanadium	51-2	1994	1957	2017	1989	1.52	cps
Yttrium	89-1	13499426	13346819	13531958	13459401	0.73	cps
Yttrium	89-2	1780288	1762164	1779049	1773834	0.57	cps
Zinc	66-2	3330	3247	3287	3288	1.27	cps
Zirconium	90-1	2825	2992	3217	3012	6.53	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-07	Instrumnet Name :	P7
Client Sample ID :	S36-0108	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:21:31	DataFile Name :	158SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	717	825	808	783	7.45	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-08	Instrumnet Name :	P7
Client Sample ID :	S36-0109	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:25:00	DataFile Name :	159SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1259	975	1042	1092	13.57	cps
Antimony	121-1	9037	9320	10613	9657	8.70	cps
Arsenic	75-2	9559	9312	9609	9493	1.67	cps
Barium	135-1	61596	59194	61462	60751	2.22	cps
Barium	137-1	107340	106607	109019	107655	1.15	cps
Beryllium	9-1	156	233	183	191	20.66	cps
Bismuth	209-1	12687411	12766967	12716476	12723618	0.32	cps
Bismuth	209-2	6151618	6186356	6219615	6185863	0.55	cps
Boron	10-1	13231	13173	13715	13373	2.23	cps
Boron	11-1	67702	68053	66681	67479	1.06	cps
Cadmium	111-1	3481	3191	3271	3314	4.51	cps
Cadmium	106-1	4901	4451	4518	4623	5.25	cps
Cadmium	108-1	42	29	17	29	42.85	cps
Calcium	43-1	2098140	2094070	2108261	2100157	0.35	cps
Calcium	44-1	34520697	34527552	34770229	34606159	0.41	cps
Chromium	52-2	3047	3094	3034	3058	1.03	cps
Cobalt	59-2	390	350	337	359	7.73	cps
Copper	63-2	62151	61569	62751	62157	0.95	cps
Dysprosium	156-1	58	67	83	69	18.33	cps
Dysprosium	156-2	27	13	40	27	50.01	cps
Erbium	164-1	150	83	158	131	31.49	cps
Erbium	164-2	57	67	47	57	17.65	cps
Gadolinium	160-1	142	142	125	136	7.07	cps
Gadolinium	160-2	93	67	37	66	43.24	cps
Holmium	165-1	18370216	18375619	18719452	18488429	1.08	cps
Holmium	165-2	8473782	8506156	8491916	8490618	0.19	cps
Indium	115-1	13802814	13845166	13955507	13867829	0.57	cps
Indium	115-2	2388690	2411222	2402314	2400742	0.47	cps
Iron	56-2	43147	42529	43348	43008	0.99	cps
Iron	57-2	1433	1578	1672	1561	7.71	cps
Lead	206-1	3306	3451	3112	3289	5.17	cps
Lead	207-1	2906	3112	3023	3013	3.42	cps
Lead	208-1	13614	14081	13726	13807	1.77	cps
Lithium	6-1	1507871	1506439	1509776	1508029	0.11	cps
Magnesium	24-2	5039358	5018537	5035328	5031074	0.22	cps
Manganese	55-2	100252	100695	101833	100926	0.81	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-08	Instrumnet Name :	P7
Client Sample ID :	S36-0109	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:25:00	DataFile Name :	159SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3992	4268	4468	4242	5.62	cps
Molybdenum	95-1	4868	4559	4826	4751	3.52	cps
Molybdenum	96-1	5493	5685	5893	5690	3.52	cps
Molybdenum	97-1	3192	3076	3259	3176	2.92	cps
Molybdenum	98-1	7928	8219	8695	8281	4.68	cps
Neodymium	150-1	80	100	120	100	20.00	cps
Neodymium	150-2	33	10	17	20	60.08	cps
Nickel	60-2	1250	1243	1237	1243	0.54	cps
Phosphorus	31-2	225	250	300	258	14.78	cps
Potassium	39-2	1219491	1220933	1219567	1219997	0.07	cps
Rhodium	103-1	12346477	12321568	12320233	12329426	0.12	cps
Rhodium	103-2	5518721	5534481	5528863	5527355	0.14	cps
Scandium	45-1	7425008	7459833	7488262	7457701	0.42	cps
Scandium	45-2	319636	321068	320992	320565	0.25	cps
Selenium	77-2	43	40	27	37	24.04	cps
Selenium	78-2	72	91	81	81	11.36	cps
Selenium	82-1	-128	146	-69	-17	-854.69	cps
Silicon	28-1	42141693	42060616	42414827	42205712	0.44	cps
Silver	109-1	4268	4192	3676	4045	7.97	cps
Silver	107-1	4634	3876	4309	4273	8.91	cps
Sodium	23-2	25601929	25648554	25484131	25578205	0.33	cps
Strontium	86-1	1531661	1532257	1531761	1531893	0.02	cps
Strontium	88-1	13434579	13630812	13685218	13583536	0.97	cps
Sulfur	34-1	1265925	1256920	1265606	1262817	0.40	cps
Terbium	159-1	18999370	19058919	19219260	19092516	0.60	cps
Terbium	159-2	8510705	8361446	8380215	8417455	0.97	cps
Thallium	203-1	300	208	233	247	19.17	cps
Thallium	205-1	542	508	608	553	9.21	cps
Tin	118-1	17587	18379	18488	18151	2.71	cps
Titanium	47-1	1542	1575	1442	1520	4.57	cps
Uranium	238-1	64848	65434	66053	65445	0.92	cps
Vanadium	51-2	2184	2174	2234	2197	1.46	cps
Yttrium	89-1	13506248	13473939	13575108	13518431	0.38	cps
Yttrium	89-2	1804726	1801440	1813034	1806400	0.33	cps
Zinc	66-2	4241	4047	3954	4081	3.58	cps
Zirconium	90-1	3309	4068	3934	3770	10.75	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-08	Instrumnet Name :	P7
Client Sample ID :	S36-0109	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:25:00	DataFile Name :	159SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1042	883	725	883	17.93	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-09	Instrumnet Name :	P7
Client Sample ID :	S36-0118	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:28:30	DataFile Name :	160SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3801	3901	4435	4046	8.43	cps
Antimony	121-1	7786	8945	9445	8725	9.76	cps
Arsenic	75-2	6524	6737	6711	6657	1.75	cps
Barium	135-1	167076	167607	164150	166278	1.12	cps
Barium	137-1	292488	294063	289868	292140	0.73	cps
Beryllium	9-1	189	122	156	156	21.43	cps
Bismuth	209-1	12485266	12645041	12269914	12466740	1.51	cps
Bismuth	209-2	6044192	6045304	6067831	6052442	0.22	cps
Boron	10-1	16251	16585	16877	16571	1.89	cps
Boron	11-1	83781	84687	83866	84111	0.59	cps
Cadmium	111-1	3178	3320	3259	3252	2.19	cps
Cadmium	106-1	4459	4626	4559	4548	1.84	cps
Cadmium	108-1	21	8	29	19	53.95	cps
Calcium	43-1	3680215	3680236	3632149	3664200	0.76	cps
Calcium	44-1	60492324	60345283	59911408	60249671	0.50	cps
Chromium	52-2	2434	2630	2444	2502	4.43	cps
Cobalt	59-2	4197	4224	4097	4173	1.60	cps
Copper	63-2	58607	58584	59417	58869	0.81	cps
Dysprosium	156-1	367	325	308	333	9.01	cps
Dysprosium	156-2	177	117	143	146	20.65	cps
Erbium	164-1	483	433	442	453	5.92	cps
Erbium	164-2	167	197	153	172	12.89	cps
Gadolinium	160-1	417	308	467	397	20.38	cps
Gadolinium	160-2	190	177	167	178	6.58	cps
Holmium	165-1	18424309	18635300	18494399	18518003	0.58	cps
Holmium	165-2	8295436	8320050	8238006	8284497	0.51	cps
Indium	115-1	13639073	13738149	13594920	13657381	0.54	cps
Indium	115-2	2332914	2333136	2331095	2332382	0.05	cps
Iron	56-2	1365747	1366616	1369085	1367149	0.13	cps
Iron	57-2	34185	34675	35700	34853	2.22	cps
Lead	206-1	3128	3184	3100	3137	1.35	cps
Lead	207-1	2734	2856	2478	2689	7.17	cps
Lead	208-1	11919	12631	12069	12206	3.07	cps
Lithium	6-1	1490942	1488587	1475691	1485074	0.55	cps
Magnesium	24-2	8581399	8516794	8491072	8529755	0.55	cps
Manganese	55-2	1088340	1084437	1087658	1086812	0.19	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-09	Instrumnet Name :	P7
Client Sample ID :	S36-0118	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:28:30	DataFile Name :	160SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3759	3959	3476	3731	6.51	cps
Molybdenum	95-1	4784	4984	5009	4926	2.50	cps
Molybdenum	96-1	5410	5651	5143	5401	4.71	cps
Molybdenum	97-1	2834	3242	3017	3031	6.75	cps
Molybdenum	98-1	7294	7886	8361	7847	6.81	cps
Neodymium	150-1	500	520	547	522	4.48	cps
Neodymium	150-2	190	160	177	176	8.56	cps
Nickel	60-2	4451	4447	4384	4427	0.85	cps
Phosphorus	31-2	358	367	367	364	1.32	cps
Potassium	39-2	1463946	1463853	1469993	1465931	0.24	cps
Rhodium	103-1	12219874	12355535	12280240	12285217	0.55	cps
Rhodium	103-2	5409418	5410020	5409747	5409728	0.01	cps
Scandium	45-1	7425074	7503060	7396250	7441461	0.74	cps
Scandium	45-2	315068	310984	313739	313264	0.67	cps
Selenium	77-2	23	33	47	34	34.00	cps
Selenium	78-2	67	81	67	72	11.94	cps
Selenium	82-1	-216	-47	184	-26	-762.39	cps
Silicon	28-1	42144043	42650806	41710966	42168605	1.12	cps
Silver	109-1	3576	3517	3326	3473	3.77	cps
Silver	107-1	3642	3634	3776	3684	2.16	cps
Sodium	23-2	18175212	18121184	18045904	18114100	0.36	cps
Strontium	86-1	2680887	2700833	2634032	2671917	1.28	cps
Strontium	88-1	23689452	23953794	23403541	23682262	1.16	cps
Sulfur	34-1	1131628	1129205	1106570	1122468	1.23	cps
Terbium	159-1	18889169	19263343	19141925	19098145	1.00	cps
Terbium	159-2	8330714	8206808	8279079	8272201	0.75	cps
Thallium	203-1	133	150	225	169	28.82	cps
Thallium	205-1	533	483	550	522	6.64	cps
Tin	118-1	16844	16727	17537	17036	2.57	cps
Titanium	47-1	3492	3676	5096	4088	21.47	cps
Uranium	238-1	168657	167770	166328	167585	0.70	cps
Vanadium	51-2	2217	2264	2024	2168	5.87	cps
Yttrium	89-1	13538192	13587490	13396676	13507453	0.73	cps
Yttrium	89-2	1767613	1777165	1769528	1771435	0.29	cps
Zinc	66-2	4834	4698	4634	4722	2.17	cps
Zirconium	90-1	2609	2959	2759	2775	6.33	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-09	Instrumnet Name :	P7
Client Sample ID :	S36-0118	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:28:30	DataFile Name :	160SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	692	1060	592	781	31.55	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-10	Instrumnet Name :	P7
Client Sample ID :	S36-0117	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:32:00	DataFile Name :	161SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172082	171947	172297	172109	0.10	cps
Antimony	121-1	12323	13824	14199	13449	7.38	cps
Arsenic	75-2	2785	2648	2743	2726	2.57	cps
Barium	135-1	230627	231881	232007	231505	0.33	cps
Barium	137-1	407855	400053	407381	405096	1.08	cps
Beryllium	9-1	361	333	383	359	6.97	cps
Bismuth	209-1	12958547	13141184	13138862	13079531	0.80	cps
Bismuth	209-2	6303520	6305108	6359724	6322784	0.51	cps
Boron	10-1	3901	3726	3776	3801	2.37	cps
Boron	11-1	19973	18495	18462	18977	4.55	cps
Cadmium	111-1	4510	4681	4738	4643	2.55	cps
Cadmium	106-1	4851	5076	5335	5087	4.76	cps
Cadmium	108-1	188	204	138	176	19.67	cps
Calcium	43-1	709767	711212	717281	712753	0.56	cps
Calcium	44-1	11782917	11775272	11807720	11788636	0.14	cps
Chromium	52-2	17694	18178	17761	17878	1.47	cps
Cobalt	59-2	18121	18065	17594	17927	1.61	cps
Copper	63-2	97103	96583	96412	96699	0.37	cps
Dysprosium	156-1	3834	4042	4009	3962	2.83	cps
Dysprosium	156-2	1520	1520	1547	1529	1.01	cps
Erbium	164-1	3301	3151	3242	3231	2.34	cps
Erbium	164-2	1363	1343	1463	1390	4.63	cps
Gadolinium	160-1	3025	3634	3292	3317	9.20	cps
Gadolinium	160-2	1907	1833	1637	1792	7.79	cps
Holmium	165-1	18573710	18615948	18748542	18646066	0.49	cps
Holmium	165-2	8493132	8403952	8442929	8446671	0.53	cps
Indium	115-1	14036257	14084457	14228310	14116341	0.71	cps
Indium	115-2	2395848	2399490	2413093	2402811	0.38	cps
Iron	56-2	6239425	6283488	6287870	6270261	0.43	cps
Iron	57-2	150154	150512	151355	150674	0.41	cps
Lead	206-1	100656	103277	103254	102395	1.47	cps
Lead	207-1	84154	83807	84059	84007	0.21	cps
Lead	208-1	393903	398766	398170	396946	0.67	cps
Lithium	6-1	1488200	1493581	1482812	1488198	0.36	cps
Magnesium	24-2	177075	178340	177892	177769	0.36	cps
Manganese	55-2	129698	128868	127920	128829	0.69	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-10	Instrumnet Name :	P7
Client Sample ID :	S36-0117	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:32:00	DataFile Name :	161SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11614	11972	11722	11769	1.56	cps
Molybdenum	95-1	12673	12890	12790	12784	0.85	cps
Molybdenum	96-1	13699	14533	14975	14402	4.50	cps
Molybdenum	97-1	7744	8069	7819	7877	2.16	cps
Molybdenum	98-1	20624	20866	20591	20694	0.73	cps
Neodymium	150-1	5768	6008	5481	5753	4.59	cps
Neodymium	150-2	1997	2024	2007	2009	0.67	cps
Nickel	60-2	6085	6025	6428	6179	3.52	cps
Phosphorus	31-2	19714	20648	20173	20178	2.32	cps
Potassium	39-2	5787894	5832537	5769631	5796688	0.56	cps
Rhodium	103-1	12657553	12677048	12636869	12657157	0.16	cps
Rhodium	103-2	5622953	5628351	5649591	5633632	0.25	cps
Scandium	45-1	7490375	7405869	7520497	7472247	0.80	cps
Scandium	45-2	320152	317439	320251	319281	0.50	cps
Selenium	77-2	20	37	43	33	36.05	cps
Selenium	78-2	57	74	81	71	17.37	cps
Selenium	82-1	-72	87	33	16	501.45	cps
Silicon	28-1	17894659	17900338	18448445	18081147	1.76	cps
Silver	109-1	3717	3767	3684	3723	1.13	cps
Silver	107-1	3659	3876	3576	3703	4.18	cps
Sodium	23-2	3589778	3576737	3602138	3589551	0.35	cps
Strontium	86-1	696738	694224	701628	697530	0.54	cps
Strontium	88-1	6224106	6153603	6137988	6171899	0.74	cps
Sulfur	34-1	665020	662347	661779	663049	0.26	cps
Terbium	159-1	19017455	19261934	19311320	19196903	0.82	cps
Terbium	159-2	8433025	8435514	8497862	8455467	0.43	cps
Thallium	203-1	1467	1475	1508	1483	1.49	cps
Thallium	205-1	3209	3734	3651	3531	7.99	cps
Tin	118-1	16494	16969	17336	16933	2.50	cps
Titanium	47-1	101161	106567	103447	103725	2.62	cps
Uranium	238-1	42505	43074	43391	42990	1.04	cps
Vanadium	51-2	28668	28775	28929	28791	0.45	cps
Yttrium	89-1	13779392	13577411	13786533	13714445	0.87	cps
Yttrium	89-2	1806173	1814087	1811123	1810461	0.22	cps
Zinc	66-2	1225270	1225027	1225438	1225245	0.02	cps
Zirconium	90-1	11923	12190	13185	12433	5.35	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-10	Instrumnet Name :	P7
Client Sample ID :	S36-0117	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:32:00	DataFile Name :	161SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2850	2442	2867	2720	8.85	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-11	Instrumnet Name :	P7
Client Sample ID :	S36-0114	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:35:31	DataFile Name :	162SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18088	17929	19073	18363	3.37	cps
Antimony	121-1	8136	8236	9212	8528	6.97	cps
Arsenic	75-2	13438	13545	13477	13487	0.40	cps
Barium	135-1	127295	127649	130701	128549	1.46	cps
Barium	137-1	227307	226108	226231	226549	0.29	cps
Beryllium	9-1	200	244	172	206	17.72	cps
Bismuth	209-1	12524650	12457096	12517783	12499843	0.30	cps
Bismuth	209-2	6059419	6117533	6118866	6098606	0.56	cps
Boron	10-1	22534	21808	21708	22017	2.05	cps
Boron	11-1	112860	111669	112927	112485	0.63	cps
Cadmium	111-1	3029	3284	3442	3251	6.41	cps
Cadmium	106-1	4334	4668	4868	4623	5.83	cps
Cadmium	108-1	38	13	17	22	60.27	cps
Calcium	43-1	3161069	3165882	3161579	3162843	0.08	cps
Calcium	44-1	52166101	51505252	51695178	51788844	0.66	cps
Chromium	52-2	6535	6345	6888	6589	4.19	cps
Cobalt	59-2	2300	2290	2220	2270	1.92	cps
Copper	63-2	57288	58018	57533	57613	0.64	cps
Dysprosium	156-1	1225	1133	1459	1272	13.17	cps
Dysprosium	156-2	510	537	563	537	4.97	cps
Erbium	164-1	1217	1242	1450	1303	9.83	cps
Erbium	164-2	630	507	653	597	13.21	cps
Gadolinium	160-1	1233	1142	1342	1239	8.08	cps
Gadolinium	160-2	727	570	577	624	14.19	cps
Holmium	165-1	18462697	18390851	18586510	18480020	0.54	cps
Holmium	165-2	8277574	8356710	8339759	8324681	0.50	cps
Indium	115-1	13792043	13670262	13796026	13752777	0.52	cps
Indium	115-2	2348467	2340828	2350707	2346667	0.22	cps
Iron	56-2	3702470	3724726	3734802	3720666	0.44	cps
Iron	57-2	92915	93798	94866	93860	1.04	cps
Lead	206-1	4245	4212	4006	4154	3.12	cps
Lead	207-1	3534	3801	3462	3599	4.96	cps
Lead	208-1	16338	16516	16449	16434	0.55	cps
Lithium	6-1	1462123	1464623	1469585	1465444	0.26	cps
Magnesium	24-2	9271532	9114718	9109409	9165220	1.00	cps
Manganese	55-2	1278001	1271376	1279956	1276444	0.35	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-11	Instrumnet Name :	P7
Client Sample ID :	S36-0114	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:35:31	DataFile Name :	162SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5410	4976	4801	5062	6.19	cps
Molybdenum	95-1	5251	5251	5293	5265	0.46	cps
Molybdenum	96-1	6051	5726	6435	6071	5.84	cps
Molybdenum	97-1	3267	3267	3159	3231	1.94	cps
Molybdenum	98-1	8603	8653	8645	8634	0.31	cps
Neodymium	150-1	1533	1787	1687	1669	7.65	cps
Neodymium	150-2	593	650	627	623	4.57	cps
Nickel	60-2	2737	2647	2467	2617	5.25	cps
Phosphorus	31-2	500	608	492	533	12.20	cps
Potassium	39-2	1722959	1723565	1729711	1725412	0.22	cps
Rhodium	103-1	12063000	12210909	12330047	12201319	1.10	cps
Rhodium	103-2	5436567	5451107	5456593	5448089	0.19	cps
Scandium	45-1	7427614	7367041	7440743	7411799	0.53	cps
Scandium	45-2	311817	318086	315311	315071	1.00	cps
Selenium	77-2	57	40	3	33	81.86	cps
Selenium	78-2	87	83	80	83	4.45	cps
Selenium	82-1	23	106	-275	-49	-410.87	cps
Silicon	28-1	43590003	43272928	43685355	43516095	0.50	cps
Silver	109-1	2709	2800	2784	2764	1.77	cps
Silver	107-1	3100	3034	2692	2942	7.45	cps
Sodium	23-2	17804108	17812373	17809874	17808785	0.02	cps
Strontium	86-1	2786055	2776027	2796787	2786290	0.37	cps
Strontium	88-1	24554461	24725652	24611437	24630517	0.35	cps
Sulfur	34-1	949692	939498	941316	943502	0.58	cps
Terbium	159-1	18871194	19106963	19086625	19021594	0.69	cps
Terbium	159-2	8320846	8267116	8350254	8312738	0.51	cps
Thallium	203-1	158	167	217	181	17.47	cps
Thallium	205-1	308	333	442	361	19.63	cps
Tin	118-1	12773	13490	13899	13387	4.26	cps
Titanium	47-1	17177	16009	16769	16652	3.56	cps
Uranium	238-1	343039	343886	347046	344657	0.61	cps
Vanadium	51-2	2864	2760	3110	2911	6.18	cps
Yttrium	89-1	13605356	13509573	13628049	13580992	0.46	cps
Yttrium	89-2	1786945	1781070	1779940	1782652	0.21	cps
Zinc	66-2	5384	5038	5461	5294	4.26	cps
Zirconium	90-1	5418	5426	5443	5429	0.23	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-11	Instrumnet Name :	P7
Client Sample ID :	S36-0114	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:35:31	DataFile Name :	162SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1250	1433	1383	1356	6.99	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-12	Instrumnet Name :	P7
Client Sample ID :	S36-0115	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:39:01	DataFile Name :	163SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71355	72561	74422	72779	2.12	cps
Antimony	121-1	11805	12664	12431	12300	3.61	cps
Arsenic	75-2	14311	14350	14018	14226	1.28	cps
Barium	135-1	74106	73068	72984	73386	0.85	cps
Barium	137-1	127395	126421	126683	126833	0.40	cps
Beryllium	9-1	244	150	194	196	24.07	cps
Bismuth	209-1	12636515	12583850	12685015	12635127	0.40	cps
Bismuth	209-2	6075126	6168278	6143788	6129064	0.79	cps
Boron	10-1	14766	15108	15600	15158	2.77	cps
Boron	11-1	77298	77600	79300	78066	1.38	cps
Cadmium	111-1	3670	3043	3194	3302	9.89	cps
Cadmium	106-1	5134	4201	4459	4598	10.48	cps
Cadmium	108-1	29	38	21	29	28.58	cps
Calcium	43-1	1691281	1706591	1706012	1701295	0.51	cps
Calcium	44-1	27574566	27951169	28064266	27863334	0.92	cps
Chromium	52-2	9437	9443	9717	9532	1.68	cps
Cobalt	59-2	3741	3634	3734	3703	1.61	cps
Copper	63-2	79849	79002	80463	79771	0.92	cps
Dysprosium	156-1	2100	2225	2242	2189	3.54	cps
Dysprosium	156-2	763	793	837	798	4.62	cps
Erbium	164-1	1692	1884	1583	1720	8.84	cps
Erbium	164-2	770	660	770	733	8.66	cps
Gadolinium	160-1	1900	1975	2159	2011	6.61	cps
Gadolinium	160-2	850	987	1010	949	9.11	cps
Holmium	165-1	18143396	18461673	18449853	18351641	0.98	cps
Holmium	165-2	8260522	8421271	8445772	8375855	1.20	cps
Indium	115-1	13652038	13744928	13738958	13711975	0.38	cps
Indium	115-2	2325286	2344688	2364508	2344827	0.84	cps
Iron	56-2	2816078	2841796	2831709	2829861	0.46	cps
Iron	57-2	70324	70894	69688	70302	0.86	cps
Lead	206-1	18247	18435	18068	18250	1.01	cps
Lead	207-1	15092	14942	15103	15046	0.60	cps
Lead	208-1	70541	70792	70252	70528	0.38	cps
Lithium	6-1	1452552	1460533	1468918	1460668	0.56	cps
Magnesium	24-2	2668580	2665426	2678944	2670983	0.26	cps
Manganese	55-2	157502	158658	159100	158420	0.52	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-12	Instrumnet Name :	P7
Client Sample ID :	S36-0115	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:39:01	DataFile Name :	163SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12389	12389	12139	12306	1.17	cps
Molybdenum	95-1	17353	17119	17812	17428	2.02	cps
Molybdenum	96-1	19189	19289	18830	19102	1.26	cps
Molybdenum	97-1	10788	10896	10855	10846	0.50	cps
Molybdenum	98-1	28137	28989	27594	28240	2.49	cps
Neodymium	150-1	3574	3421	3527	3507	2.24	cps
Neodymium	150-2	1263	1237	1137	1212	5.51	cps
Nickel	60-2	3020	3054	3004	3026	0.84	cps
Phosphorus	31-2	1083	908	1033	1008	8.94	cps
Potassium	39-2	5301081	5289281	5327703	5306022	0.37	cps
Rhodium	103-1	12226055	12281359	12047047	12184820	1.01	cps
Rhodium	103-2	5425165	5494665	5515971	5478600	0.87	cps
Scandium	45-1	7221279	7291184	7303244	7271903	0.61	cps
Scandium	45-2	309400	312279	312063	311247	0.52	cps
Selenium	77-2	13	3	33	17	91.67	cps
Selenium	78-2	106	65	96	89	24.02	cps
Selenium	82-1	-17	88	-60	3	2202.26	cps
Silicon	28-1	36327392	37159814	36923228	36803478	1.17	cps
Silver	109-1	2617	2684	3000	2767	7.40	cps
Silver	107-1	3026	2825	3017	2956	3.83	cps
Sodium	23-2	24730145	24621795	24997427	24783122	0.78	cps
Strontium	86-1	1366792	1374387	1382991	1374723	0.59	cps
Strontium	88-1	12039717	12247794	12236650	12174720	0.96	cps
Sulfur	34-1	848174	843663	843004	844947	0.33	cps
Terbium	159-1	19056012	18974649	18582544	18871068	1.34	cps
Terbium	159-2	8313600	8394362	8351683	8353215	0.48	cps
Thallium	203-1	408	250	258	306	29.16	cps
Thallium	205-1	867	942	725	845	13.03	cps
Tin	118-1	14016	13332	14366	13905	3.78	cps
Titanium	47-1	50169	53230	55355	52918	4.93	cps
Uranium	238-1	26536	26745	26620	26634	0.39	cps
Vanadium	51-2	5998	6168	6238	6135	2.01	cps
Yttrium	89-1	13331575	13388052	13465044	13394891	0.50	cps
Yttrium	89-2	1769282	1765061	1775042	1769795	0.28	cps
Zinc	66-2	70533	69983	70616	70377	0.49	cps
Zirconium	90-1	6794	7664	6936	7131	6.55	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-12	Instrumnet Name :	P7
Client Sample ID :	S36-0115	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:39:01	DataFile Name :	163SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1358	2025	2025	1803	21.35	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-13	Instrumnet Name :	P7
Client Sample ID :	S36-0116	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:42:30	DataFile Name :	164SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59487	57825	57145	58152	2.07	cps
Antimony	121-1	9604	9837	10179	9873	2.93	cps
Arsenic	75-2	14268	14081	14311	14220	0.86	cps
Barium	135-1	69248	71231	69492	69990	1.54	cps
Barium	137-1	122782	122193	122977	122651	0.33	cps
Beryllium	9-1	189	194	283	222	23.85	cps
Bismuth	209-1	12721280	12446765	12707005	12625017	1.22	cps
Bismuth	209-2	6130227	6213276	6205869	6183124	0.74	cps
Boron	10-1	15425	14641	14908	14991	2.66	cps
Boron	11-1	76167	74149	76427	75581	1.65	cps
Cadmium	111-1	3347	3188	3179	3238	2.90	cps
Cadmium	106-1	4709	4501	4443	4551	3.08	cps
Cadmium	108-1	42	42	38	40	5.98	cps
Calcium	43-1	1686378	1681479	1691887	1686581	0.31	cps
Calcium	44-1	27533665	27340151	27868300	27580705	0.97	cps
Chromium	52-2	8166	7966	8262	8131	1.86	cps
Cobalt	59-2	2937	3147	3564	3216	9.92	cps
Copper	63-2	75503	76428	75698	75876	0.64	cps
Dysprosium	156-1	1617	1392	1934	1647	16.52	cps
Dysprosium	156-2	550	643	720	638	13.35	cps
Erbium	164-1	1450	1533	1634	1539	5.97	cps
Erbium	164-2	657	583	577	606	7.33	cps
Gadolinium	160-1	1458	1583	1283	1442	10.45	cps
Gadolinium	160-2	657	910	873	813	16.83	cps
Holmium	165-1	18568374	18257943	18363731	18396683	0.86	cps
Holmium	165-2	8378638	8516535	8387476	8427550	0.92	cps
Indium	115-1	13714563	13615197	13846060	13725273	0.84	cps
Indium	115-2	2349998	2377288	2379503	2368930	0.69	cps
Iron	56-2	2057660	2067223	2080460	2068448	0.55	cps
Iron	57-2	52076	52349	51619	52015	0.71	cps
Lead	206-1	16238	16004	16004	16082	0.84	cps
Lead	207-1	13579	13424	13385	13463	0.77	cps
Lead	208-1	63527	62264	62503	62765	1.07	cps
Lithium	6-1	1470074	1470164	1465869	1468702	0.17	cps
Magnesium	24-2	2604821	2637741	2635988	2626184	0.71	cps
Manganese	55-2	148216	150850	151739	150269	1.22	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-13	Instrumnet Name :	P7
Client Sample ID :	S36-0116	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:42:30	DataFile Name :	164SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12389	12339	12932	12553	2.62	cps
Molybdenum	95-1	16969	16519	16685	16724	1.36	cps
Molybdenum	96-1	19155	18946	19789	19297	2.28	cps
Molybdenum	97-1	10946	10604	11146	10899	2.51	cps
Molybdenum	98-1	28112	28521	27745	28126	1.38	cps
Neodymium	150-1	2620	2687	2480	2596	4.06	cps
Neodymium	150-2	970	803	903	892	9.40	cps
Nickel	60-2	2740	2860	2737	2779	2.53	cps
Phosphorus	31-2	958	950	1000	970	2.76	cps
Potassium	39-2	5288830	5346127	5287991	5307649	0.63	cps
Rhodium	103-1	12143937	12172252	12212751	12176313	0.28	cps
Rhodium	103-2	5478402	5523355	5512383	5504713	0.43	cps
Scandium	45-1	7302957	7250818	7346036	7299937	0.65	cps
Scandium	45-2	311545	316381	316415	314780	0.89	cps
Selenium	77-2	23	23	27	24	7.89	cps
Selenium	78-2	65	59	63	62	4.54	cps
Selenium	82-1	199	-187	-112	-33	-613.85	cps
Silicon	28-1	34960487	34675786	34839038	34825104	0.41	cps
Silver	109-1	2234	2492	2584	2436	7.45	cps
Silver	107-1	2525	2734	2634	2631	3.96	cps
Sodium	23-2	24751160	25195263	24815265	24920563	0.96	cps
Strontium	86-1	1378766	1367556	1368858	1371727	0.45	cps
Strontium	88-1	12029760	11970634	12173582	12057992	0.87	cps
Sulfur	34-1	832051	831733	834385	832723	0.17	cps
Terbium	159-1	18882256	19039413	18942538	18954736	0.42	cps
Terbium	159-2	8368692	8412453	8431484	8404210	0.38	cps
Thallium	203-1	350	325	250	308	16.88	cps
Thallium	205-1	717	592	658	656	9.54	cps
Tin	118-1	11947	12264	12231	12147	1.43	cps
Titanium	47-1	33498	39052	37171	36574	7.72	cps
Uranium	238-1	26345	25552	26579	26158	2.06	cps
Vanadium	51-2	5358	4798	5201	5119	5.65	cps
Yttrium	89-1	13430654	13478573	13340286	13416504	0.52	cps
Yttrium	89-2	1762497	1795746	1796237	1784827	1.08	cps
Zinc	66-2	69635	70801	71806	70747	1.54	cps
Zirconium	90-1	6802	6419	6603	6608	2.90	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-13	Instrumnet Name :	P7
Client Sample ID :	S36-0116	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:42:30	DataFile Name :	164SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1417	1367	1517	1433	5.33	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:46:01	DataFile Name :	165SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	692	525	603	13.92	cps
Antimony	121-1	1017	917	1067	1000	7.64	cps
Arsenic	75-2	1193	1215	1222	1210	1.27	cps
Barium	135-1	6085	5701	5585	5790	4.52	cps
Barium	137-1	9971	9612	9862	9815	1.87	cps
Beryllium	9-1	139	156	117	137	14.24	cps
Bismuth	209-1	13237312	13159746	13175532	13190863	0.31	cps
Bismuth	209-2	6578416	6558097	6525014	6553842	0.41	cps
Boron	10-1	2109	1892	2100	2034	6.04	cps
Boron	11-1	10354	10546	10529	10476	1.01	cps
Cadmium	111-1	3713	3531	3705	3649	2.82	cps
Cadmium	106-1	5285	5043	5276	5201	2.64	cps
Cadmium	108-1	17	17	25	19	24.73	cps
Calcium	43-1	232134	233371	233643	233049	0.35	cps
Calcium	44-1	3824871	3813376	3801262	3813170	0.31	cps
Chromium	52-2	1370	1407	1410	1396	1.59	cps
Cobalt	59-2	177	203	173	184	8.92	cps
Copper	63-2	21055	21493	20895	21148	1.46	cps
Dysprosium	156-1	67	83	117	89	28.64	cps
Dysprosium	156-2	30	37	50	39	26.18	cps
Erbium	164-1	142	150	167	153	8.33	cps
Erbium	164-2	60	60	43	54	17.68	cps
Gadolinium	160-1	217	150	158	175	20.76	cps
Gadolinium	160-2	67	97	73	79	19.97	cps
Holmium	165-1	19059963	19058601	18884984	19001183	0.53	cps
Holmium	165-2	8911132	8900072	8741904	8851036	1.07	cps
Indium	115-1	14686604	14595773	14629510	14637295	0.31	cps
Indium	115-2	2596080	2591342	2564196	2583873	0.67	cps
Iron	56-2	1333959	1328877	1326991	1329942	0.27	cps
Iron	57-2	33361	32693	33556	33203	1.36	cps
Lead	206-1	1850	1761	1695	1769	4.41	cps
Lead	207-1	1533	1345	1489	1456	6.79	cps
Lead	208-1	7162	6740	6840	6914	3.19	cps
Lithium	6-1	1635078	1637885	1642832	1638598	0.24	cps
Magnesium	24-2	535729	538740	531067	535179	0.72	cps
Manganese	55-2	63182	63001	62335	62839	0.71	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:46:01	DataFile Name :	165SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	583	583	592	2.44	cps
Molybdenum	95-1	375	383	425	394	6.79	cps
Molybdenum	96-1	450	525	600	525	14.29	cps
Molybdenum	97-1	208	350	375	311	28.89	cps
Molybdenum	98-1	492	592	658	581	14.45	cps
Neodymium	150-1	87	93	80	87	7.70	cps
Neodymium	150-2	43	27	30	33	26.45	cps
Nickel	60-2	327	297	353	326	8.71	cps
Phosphorus	31-2	183	175	233	197	16.00	cps
Potassium	39-2	119897	120881	121435	120738	0.64	cps
Rhodium	103-1	13260410	13317380	13308601	13295464	0.23	cps
Rhodium	103-2	6157543	6191469	6132623	6160545	0.48	cps
Scandium	45-1	7975735	7976409	7967416	7973187	0.06	cps
Scandium	45-2	351700	350398	349523	350540	0.31	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	94	81	69	81	15.91	cps
Selenium	82-1	43	103	-128	6	2007.33	cps
Silicon	28-1	3651001	3639761	3623351	3638038	0.38	cps
Silver	109-1	867	892	917	892	2.80	cps
Silver	107-1	867	958	967	931	5.96	cps
Sodium	23-2	1089830	1089792	1078853	1086159	0.58	cps
Strontium	86-1	162829	161288	162981	162366	0.58	cps
Strontium	88-1	1375286	1370604	1370168	1372020	0.21	cps
Sulfur	34-1	666465	667748	671600	668604	0.40	cps
Terbium	159-1	19843328	19868715	19673078	19795040	0.54	cps
Terbium	159-2	8947403	8917301	8862844	8909183	0.48	cps
Thallium	203-1	50	58	125	78	52.85	cps
Thallium	205-1	358	175	175	236	44.83	cps
Tin	118-1	1233	1133	1175	1181	4.25	cps
Titanium	47-1	700	625	817	714	13.53	cps
Uranium	238-1	3467	3401	3642	3503	3.56	cps
Vanadium	51-2	220	303	337	287	20.96	cps
Yttrium	89-1	14370864	14297659	14268924	14312483	0.37	cps
Yttrium	89-2	1950815	1942152	1942658	1945209	0.25	cps
Zinc	66-2	453	450	430	444	2.84	cps
Zirconium	90-1	1008	1000	892	967	6.73	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:46:01	DataFile Name :	165SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	200	117	167	26.46	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:49:31	DataFile Name :	166SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	842	825	772	13.75	cps
Antimony	121-1	917	1042	1050	1003	7.45	cps
Arsenic	75-2	1172	1215	1172	1186	2.07	cps
Barium	135-1	5460	5827	5201	5496	5.72	cps
Barium	137-1	9537	9979	9387	9634	3.19	cps
Beryllium	9-1	111	133	122	122	9.09	cps
Bismuth	209-1	13121737	12988485	12787236	12965820	1.30	cps
Bismuth	209-2	7054112	6638544	6607180	6766612	3.69	cps
Boron	10-1	1817	1608	1934	1786	9.22	cps
Boron	11-1	9161	9370	8978	9170	2.14	cps
Cadmium	111-1	3658	3632	3806	3699	2.54	cps
Cadmium	106-1	5235	5159	5418	5271	2.52	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	236114	235469	230908	234164	1.21	cps
Calcium	44-1	3852164	3831266	3780686	3821372	0.96	cps
Chromium	52-2	25806	25402	25556	25588	0.80	cps
Cobalt	59-2	673	647	700	673	3.96	cps
Copper	63-2	20842	20044	20338	20408	1.98	cps
Dysprosium	156-1	92	92	108	97	9.90	cps
Dysprosium	156-2	30	43	20	31	37.62	cps
Erbium	164-1	150	150	92	131	25.80	cps
Erbium	164-2	40	60	40	47	24.74	cps
Gadolinium	160-1	183	150	158	164	10.58	cps
Gadolinium	160-2	90	137	83	103	28.12	cps
Holmium	165-1	19117275	18839008	18706168	18887484	1.11	cps
Holmium	165-2	9069622	8877920	8966166	8971236	1.07	cps
Indium	115-1	14805792	14588149	14512364	14635435	1.04	cps
Indium	115-2	2639838	2614313	2628146	2627432	0.49	cps
Iron	56-2	1431494	1420969	1429364	1427276	0.39	cps
Iron	57-2	35710	35287	35978	35659	0.98	cps
Lead	206-1	1900	1822	1772	1832	3.52	cps
Lead	207-1	1717	1506	1650	1624	6.65	cps
Lead	208-1	7801	7312	7284	7466	3.89	cps
Lithium	6-1	1658649	1662792	1641308	1654249	0.69	cps
Magnesium	24-2	540149	541377	541034	540853	0.12	cps
Manganese	55-2	65633	65251	64742	65208	0.69	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:49:31	DataFile Name :	166SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	783	892	958	878	10.06	cps
Molybdenum	95-1	817	833	883	845	4.11	cps
Molybdenum	96-1	1100	1000	1000	1033	5.59	cps
Molybdenum	97-1	483	508	533	508	4.92	cps
Molybdenum	98-1	1333	1467	1408	1403	4.77	cps
Neodymium	150-1	120	100	60	93	32.74	cps
Neodymium	150-2	33	43	17	31	43.29	cps
Nickel	60-2	6678	6298	6508	6495	2.93	cps
Phosphorus	31-2	225	183	192	200	11.02	cps
Potassium	39-2	123072	119730	122696	121833	1.50	cps
Rhodium	103-1	13436984	13310641	13230076	13325900	0.78	cps
Rhodium	103-2	6226268	6179453	6240702	6215474	0.52	cps
Scandium	45-1	8074537	8025991	7946123	8015551	0.81	cps
Scandium	45-2	363096	358478	360467	360681	0.64	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	80	72	93	81	12.65	cps
Selenium	82-1	-228	-129	30	-109	-118.94	cps
Silicon	28-1	3704255	3688454	3651647	3681452	0.73	cps
Silver	109-1	992	900	950	947	4.85	cps
Silver	107-1	1042	1208	842	1031	17.81	cps
Sodium	23-2	1105111	1089725	1103220	1099352	0.76	cps
Strontium	86-1	162115	159585	159755	160485	0.88	cps
Strontium	88-1	1371490	1374027	1342699	1362739	1.28	cps
Sulfur	34-1	687386	685934	685176	686166	0.16	cps
Terbium	159-1	19718581	19734603	19308291	19587158	1.23	cps
Terbium	159-2	8980728	8957115	8816244	8918029	1.00	cps
Thallium	203-1	83	158	83	108	39.97	cps
Thallium	205-1	175	208	208	197	9.76	cps
Tin	118-1	1342	1275	1417	1345	5.27	cps
Titanium	47-1	850	875	842	856	2.03	cps
Uranium	238-1	3442	3242	3134	3273	4.78	cps
Vanadium	51-2	320	280	260	287	10.66	cps
Yttrium	89-1	14314031	14354762	14211166	14293320	0.52	cps
Yttrium	89-2	2006531	1975458	1968609	1983533	1.02	cps
Zinc	66-2	460	567	527	518	10.41	cps
Zirconium	90-1	875	950	800	875	8.57	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 20:49:31	DataFile Name :	166SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	183	233	219	14.38	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S36-0106LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 20:53:02	DataFile Name :	167SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	267	158	186	38.08	cps
Antimony	121-1	567	592	458	539	13.15	cps
Arsenic	75-2	276	250	259	262	5.02	cps
Barium	135-1	967	1142	967	1025	9.86	cps
Barium	137-1	1792	1884	2000	1892	5.52	cps
Beryllium	9-1	144	128	56	109	43.24	cps
Bismuth	209-1	12940746	12736562	12646454	12774587	1.18	cps
Bismuth	209-2	6555031	6519399	6579821	6551417	0.46	cps
Boron	10-1	1083	1158	942	1061	10.37	cps
Boron	11-1	5026	5568	5318	5304	5.11	cps
Cadmium	111-1	3620	3632	3413	3555	3.46	cps
Cadmium	106-1	5168	5185	4876	5076	3.42	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	45822	45387	44192	45134	1.87	cps
Calcium	44-1	740751	743630	744339	742906	0.26	cps
Chromium	52-2	1253	1263	1273	1263	0.79	cps
Cobalt	59-2	87	103	103	98	9.84	cps
Copper	63-2	16159	16389	16203	16250	0.75	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	108	33	92	78	50.64	cps
Erbium	164-2	33	43	53	43	23.08	cps
Gadolinium	160-1	75	183	108	122	45.40	cps
Gadolinium	160-2	43	60	40	48	22.43	cps
Holmium	165-1	18515508	18414076	18437593	18455726	0.29	cps
Holmium	165-2	8797718	8734751	8774931	8769133	0.36	cps
Indium	115-1	14462076	14305471	14349678	14372408	0.56	cps
Indium	115-2	2595700	2630159	2621296	2615718	0.68	cps
Iron	56-2	262654	265441	264044	264046	0.53	cps
Iron	57-2	6541	6552	6457	6516	0.79	cps
Lead	206-1	2111	2228	2122	2154	2.99	cps
Lead	207-1	1806	1739	1850	1798	3.11	cps
Lead	208-1	8168	8023	8185	8125	1.09	cps
Lithium	6-1	1650634	1636746	1643065	1643481	0.42	cps
Magnesium	24-2	103991	106678	106175	105615	1.35	cps
Manganese	55-2	12452	12552	12549	12518	0.45	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S36-0106LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 20:53:02	DataFile Name :	167SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	392	450	450	431	7.82	cps
Molybdenum	95-1	167	242	233	214	19.22	cps
Molybdenum	96-1	233	325	267	275	16.87	cps
Molybdenum	97-1	158	167	225	183	19.81	cps
Molybdenum	98-1	258	400	442	367	26.21	cps
Neodymium	150-1	33	20	40	31	32.73	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	230	233	250	238	4.51	cps
Phosphorus	31-2	150	217	267	211	27.72	cps
Potassium	39-2	57772	59830	59177	58926	1.78	cps
Rhodium	103-1	13152410	12987058	13080232	13073233	0.63	cps
Rhodium	103-2	6167810	6164102	6220611	6184174	0.51	cps
Scandium	45-1	8022538	7943738	7926112	7964130	0.64	cps
Scandium	45-2	360214	358694	361316	360075	0.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	89	106	97	8.62	cps
Selenium	82-1	-10	-88	65	-11	-688.31	cps
Silicon	28-1	1018901	1017559	1006170	1014210	0.69	cps
Silver	109-1	550	558	558	556	0.87	cps
Silver	107-1	567	683	683	644	10.45	cps
Sodium	23-2	235698	237156	238942	237265	0.68	cps
Strontium	86-1	36456	35035	34635	35375	2.71	cps
Strontium	88-1	262288	258551	257708	259516	0.94	cps
Sulfur	34-1	657583	661895	657923	659134	0.36	cps
Terbium	159-1	19394781	19337194	18999858	19243944	1.11	cps
Terbium	159-2	8754015	8773502	8694587	8740702	0.47	cps
Thallium	203-1	83	92	117	97	17.84	cps
Thallium	205-1	258	242	175	225	19.60	cps
Tin	118-1	975	1017	1292	1095	15.72	cps
Titanium	47-1	308	308	350	322	7.47	cps
Uranium	238-1	792	675	717	728	8.12	cps
Vanadium	51-2	73	117	93	94	22.97	cps
Yttrium	89-1	14181072	14019003	14012123	14070733	0.68	cps
Yttrium	89-2	1975026	1980402	1976404	1977278	0.14	cps
Zinc	66-2	200	277	297	258	19.80	cps
Zirconium	90-1	808	1083	758	883	19.81	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S36-0106LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-05 20:53:02	DataFile Name :	167SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	208	150	189	17.83	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:56:33	DataFile Name :	168CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1262294	1252202	1261117	1258538	0.44	cps
Antimony	121-1	7895282	7828641	7809359	7844428	0.57	cps
Arsenic	75-2	260357	260462	259653	260158	0.17	cps
Barium	135-1	9446723	9452034	9408206	9435654	0.25	cps
Barium	137-1	16171514	16549092	16293561	16338056	1.18	cps
Beryllium	9-1	1304214	1300525	1300823	1301854	0.16	cps
Bismuth	209-1	12501039	12544343	12485904	12510429	0.24	cps
Bismuth	209-2	6478106	6389377	6473805	6447096	0.78	cps
Boron	10-1	160973	161226	162024	161407	0.34	cps
Boron	11-1	804269	812016	815182	810489	0.69	cps
Cadmium	111-1	1926463	1926540	1912435	1921813	0.42	cps
Cadmium	106-1	221327	222250	221650	221742	0.21	cps
Cadmium	108-1	141480	144873	143984	143446	1.23	cps
Calcium	43-1	2002622	2018447	2015128	2012066	0.41	cps
Calcium	44-1	32695514	32933074	32837201	32821930	0.36	cps
Chromium	52-2	2215392	2201068	2220406	2212289	0.45	cps
Cobalt	59-2	3656210	3620977	3639655	3638947	0.48	cps
Copper	63-2	5023938	4990505	5037615	5017352	0.48	cps
Dysprosium	156-1	217	167	175	186	14.40	cps
Dysprosium	156-2	33	40	30	34	14.78	cps
Erbium	164-1	117	67	67	83	34.64	cps
Erbium	164-2	23	47	33	34	34.00	cps
Gadolinium	160-1	142	108	133	128	13.57	cps
Gadolinium	160-2	40	50	67	52	25.80	cps
Holmium	165-1	18445744	18511759	18330262	18429255	0.50	cps
Holmium	165-2	8877777	8733612	8800737	8804042	0.82	cps
Indium	115-1	13883556	14027296	13933830	13948227	0.52	cps
Indium	115-2	2576008	2569409	2582045	2575821	0.25	cps
Iron	56-2	96233274	95924058	95493369	95883567	0.39	cps
Iron	57-2	2332617	2325605	2325282	2327835	0.18	cps
Lead	206-1	6334723	6353416	6335928	6341356	0.16	cps
Lead	207-1	5714511	5760319	5718922	5731251	0.44	cps
Lead	208-1	26179270	26496162	26260856	26312096	0.63	cps
Lithium	6-1	1652983	1655886	1636272	1648381	0.64	cps
Magnesium	24-2	15593847	15254387	15573590	15473941	1.23	cps
Manganese	55-2	2500453	2490108	2493894	2494818	0.21	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:56:33	DataFile Name :	168CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6832690	6830913	6841844	6835149	0.09	cps
Molybdenum	95-1	3599528	3575481	3563627	3579545	0.51	cps
Molybdenum	96-1	4648748	4637349	4602167	4629421	0.52	cps
Molybdenum	97-1	2266287	2238558	2240923	2248589	0.68	cps
Molybdenum	98-1	6022537	6022956	5920170	5988554	0.99	cps
Neodymium	150-1	780	667	767	738	8.40	cps
Neodymium	150-2	50	40	33	41	20.41	cps
Nickel	60-2	965367	961306	964626	963766	0.22	cps
Phosphorus	31-2	71882	70493	72451	71609	1.41	cps
Potassium	39-2	7793529	7702067	7708123	7734573	0.66	cps
Rhodium	103-1	12664283	12573293	12655628	12631068	0.40	cps
Rhodium	103-2	5959217	5755791	5949674	5888227	1.95	cps
Scandium	45-1	8007560	8038824	8007781	8018055	0.22	cps
Scandium	45-2	370569	365392	370431	368797	0.80	cps
Selenium	77-2	5051	5084	5108	5081	0.56	cps
Selenium	78-2	17572	17881	17839	17764	0.94	cps
Selenium	82-1	116111	117390	116699	116733	0.55	cps
Silicon	28-1	4484167	4592307	4589582	4555352	1.35	cps
Silver	109-1	9270316	9370548	9294317	9311727	0.56	cps
Silver	107-1	9586074	9612256	9606147	9601492	0.14	cps
Sodium	23-2	31067131	30515769	31086718	30889873	1.05	cps
Strontium	86-1	2343977	2359925	2377939	2360614	0.72	cps
Strontium	88-1	20688301	20918413	20839684	20815466	0.56	cps
Sulfur	34-1	1294531	1291384	1295809	1293908	0.18	cps
Terbium	159-1	19086181	19090164	19073254	19083200	0.05	cps
Terbium	159-2	8943764	8782787	8753782	8826778	1.16	cps
Thallium	203-1	8229505	8194119	8236761	8220129	0.28	cps
Thallium	205-1	19344633	19625590	19588838	19519687	0.78	cps
Tin	118-1	6486228	6465894	6458623	6470248	0.22	cps
Titanium	47-1	983067	985527	984847	984481	0.13	cps
Uranium	238-1	26774115	27255584	26814911	26948203	0.99	cps
Vanadium	51-2	1814879	1798500	1812373	1808584	0.49	cps
Yttrium	89-1	14012373	14086754	14165442	14088190	0.54	cps
Yttrium	89-2	1991087	1986936	1996087	1991370	0.23	cps
Zinc	66-2	725413	727866	730965	728081	0.38	cps
Zirconium	90-1	12761559	12710748	12705573	12725960	0.24	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:56:33	DataFile Name :	168CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2789990	2810858	2811332	2804060	0.43	cps

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On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:59:58	DataFile Name :	169CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	133	92	114	18.41	cps
Antimony	121-1	28964	31662	37935	32854	14.01	cps
Arsenic	75-2	265	315	315	298	9.68	cps
Barium	135-1	333	233	183	250	30.55	cps
Barium	137-1	492	467	375	444	13.82	cps
Beryllium	9-1	289	211	250	250	15.56	cps
Bismuth	209-1	12416508	12084538	12089967	12197004	1.56	cps
Bismuth	209-2	6318795	6303549	6354290	6325545	0.41	cps
Boron	10-1	4001	3742	3417	3720	7.86	cps
Boron	11-1	20748	18821	17903	19157	7.58	cps
Cadmium	111-1	3737	3229	3473	3480	7.30	cps
Cadmium	106-1	5260	4551	4851	4887	7.28	cps
Cadmium	108-1	17	33	8	19	65.47	cps
Calcium	43-1	508	408	442	453	11.25	cps
Calcium	44-1	13832	13949	13673	13818	1.00	cps
Chromium	52-2	1920	1863	1753	1846	4.59	cps
Cobalt	59-2	177	160	130	156	15.20	cps
Copper	63-2	13977	14117	14300	14131	1.15	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	67	100	158	108	42.83	cps
Gadolinium	160-2	27	40	23	30	29.40	cps
Holmium	165-1	17873538	17423996	17690848	17662794	1.28	cps
Holmium	165-2	8473108	8343681	8398437	8405075	0.77	cps
Indium	115-1	14040721	13647540	13795311	13827857	1.44	cps
Indium	115-2	2522493	2505585	2538083	2522054	0.64	cps
Iron	56-2	10965	10860	10949	10925	0.52	cps
Iron	57-2	239	272	244	252	7.09	cps
Lead	206-1	3045	2945	3345	3112	6.69	cps
Lead	207-1	2684	2578	2723	2661	2.81	cps
Lead	208-1	12225	11780	12303	12103	2.33	cps
Lithium	6-1	1628185	1566101	1579782	1591356	2.05	cps
Magnesium	24-2	408	442	375	408	8.16	cps
Manganese	55-2	263	233	197	231	14.45	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:59:58	DataFile Name :	169CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3034	3917	4693	3881	21.39	cps
Molybdenum	95-1	3517	4501	5643	4554	23.36	cps
Molybdenum	96-1	3967	5126	6235	5110	22.19	cps
Molybdenum	97-1	2450	2817	3751	3006	22.30	cps
Molybdenum	98-1	5860	7311	9212	7461	22.53	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	223	203	167	198	14.53	cps
Phosphorus	31-2	150	242	167	186	26.24	cps
Potassium	39-2	42578	43214	42746	42846	0.77	cps
Rhodium	103-1	12868737	12463876	12445003	12592539	1.90	cps
Rhodium	103-2	5718001	5695806	6034893	5816233	3.26	cps
Scandium	45-1	7875495	7624741	7530223	7676819	2.32	cps
Scandium	45-2	349699	346324	352794	349606	0.93	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	94	122	117	111	13.23	cps
Selenium	82-1	-30	-186	207	-3	-6768.69	cps
Silicon	28-1	450301	449099	442653	447351	0.92	cps
Silver	109-1	800	1025	1025	950	13.68	cps
Silver	107-1	1208	1025	817	1017	19.28	cps
Sodium	23-2	36245	35827	35777	35950	0.72	cps
Strontium	86-1	5118	5176	4993	5096	1.84	cps
Strontium	88-1	958	983	1050	997	4.75	cps
Sulfur	34-1	632273	635913	625490	631225	0.84	cps
Terbium	159-1	18719996	18198739	18091589	18336775	1.83	cps
Terbium	159-2	8485779	8311203	8452108	8416363	1.10	cps
Thallium	203-1	867	842	750	820	7.50	cps
Thallium	205-1	2167	2150	1692	2003	13.46	cps
Tin	118-1	4776	4676	5860	5104	12.86	cps
Titanium	47-1	217	250	267	244	10.41	cps
Uranium	238-1	842	825	742	803	6.67	cps
Vanadium	51-2	90	63	87	80	18.17	cps
Yttrium	89-1	13763782	13371189	13506161	13547044	1.47	cps
Yttrium	89-2	1910692	1894898	1918865	1908152	0.64	cps
Zinc	66-2	210	230	243	228	7.36	cps
Zirconium	90-1	3384	3150	4159	3565	14.81	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 20:59:58	DataFile Name :	169CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	817	650	892	786	15.74	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:10:31	DataFile Name :	172SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65176	66331	67042	66183	1.42	cps
Antimony	121-1	404645	403596	402228	403489	0.30	cps
Arsenic	75-2	14802	14570	14526	14633	1.01	cps
Barium	135-1	482264	485767	477550	481860	0.86	cps
Barium	137-1	843451	842247	835216	840305	0.53	cps
Beryllium	9-1	62150	62613	60738	61834	1.58	cps
Bismuth	209-1	12810393	12729571	12705580	12748515	0.43	cps
Bismuth	209-2	6553409	6884502	6584427	6674112	2.74	cps
Boron	10-1	18320	18162	18262	18248	0.44	cps
Boron	11-1	91207	93253	94210	92890	1.65	cps
Cadmium	111-1	103447	102723	102904	103025	0.37	cps
Cadmium	106-1	15693	16877	16919	16496	4.22	cps
Cadmium	108-1	7706	7636	7269	7537	3.12	cps
Calcium	43-1	352922	350072	349008	350667	0.58	cps
Calcium	44-1	5786380	5689966	5650765	5709037	1.22	cps
Chromium	52-2	115474	115642	115142	115419	0.22	cps
Cobalt	59-2	189874	188147	187707	188576	0.61	cps
Copper	63-2	296705	295429	293969	295367	0.46	cps
Dysprosium	156-1	83	150	92	108	33.53	cps
Dysprosium	156-2	47	43	50	47	7.15	cps
Erbium	164-1	633	567	475	558	14.24	cps
Erbium	164-2	273	193	270	246	18.43	cps
Gadolinium	160-1	167	200	233	200	16.67	cps
Gadolinium	160-2	117	80	113	103	19.62	cps
Holmium	165-1	18637214	18748023	18619619	18668285	0.37	cps
Holmium	165-2	8913947	8837437	8893181	8881522	0.45	cps
Indium	115-1	14552249	14394646	14433498	14460131	0.57	cps
Indium	115-2	2644014	2635861	2634892	2638256	0.19	cps
Iron	56-2	6464869	6402591	6346709	6404723	0.92	cps
Iron	57-2	155351	154650	153690	154564	0.54	cps
Lead	206-1	353185	354269	348585	352013	0.86	cps
Lead	207-1	290267	294955	287627	290950	1.28	cps
Lead	208-1	1381135	1379977	1357564	1372892	0.97	cps
Lithium	6-1	1706430	1681323	1712154	1699969	0.96	cps
Magnesium	24-2	1395657	1389500	1391713	1392290	0.22	cps
Manganese	55-2	195172	194611	191626	193803	0.98	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:10:31	DataFile Name :	172SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	446889	447485	443962	446112	0.42	cps
Molybdenum	95-1	375757	369505	368987	371416	1.01	cps
Molybdenum	96-1	440646	434809	431994	435816	1.01	cps
Molybdenum	97-1	237123	236058	232134	235105	1.12	cps
Molybdenum	98-1	607010	602331	598438	602593	0.71	cps
Neodymium	150-1	113	180	147	147	22.73	cps
Neodymium	150-2	50	53	40	48	14.52	cps
Nickel	60-2	51230	51229	50494	50984	0.83	cps
Phosphorus	31-2	300	142	200	214	37.44	cps
Potassium	39-2	522806	518428	517593	519609	0.54	cps
Rhodium	103-1	13356897	13290225	13134500	13260541	0.86	cps
Rhodium	103-2	6263415	6187330	6152214	6200987	0.92	cps
Scandium	45-1	8244905	8166656	8126692	8179418	0.74	cps
Scandium	45-2	366581	366057	367544	366727	0.21	cps
Selenium	77-2	293	317	283	298	5.75	cps
Selenium	78-2	1020	965	1082	1022	5.71	cps
Selenium	82-1	6134	6058	6221	6137	1.33	cps
Silicon	28-1	3485540	3431145	4352507	3756398	13.76	cps
Silver	109-1	231821	226471	227945	228745	1.21	cps
Silver	107-1	244314	241510	239298	241708	1.04	cps
Sodium	23-2	2724526	2724637	2720580	2723247	0.08	cps
Strontium	86-1	290655	283797	285182	286545	1.27	cps
Strontium	88-1	2470831	2438899	2437338	2449023	0.77	cps
Sulfur	34-1	698240	698242	686610	694364	0.97	cps
Terbium	159-1	19555499	19385305	19078391	19339732	1.25	cps
Terbium	159-2	8863090	8787155	8844958	8831734	0.45	cps
Thallium	203-1	410078	409967	406485	408843	0.50	cps
Thallium	205-1	978302	972443	967598	972781	0.55	cps
Tin	118-1	653708	646000	640749	646819	1.01	cps
Titanium	47-1	105115	101851	100381	102449	2.36	cps
Uranium	238-1	1291946	1282675	1288858	1287827	0.37	cps
Vanadium	51-2	91914	91813	91491	91740	0.24	cps
Yttrium	89-1	14380289	14323985	14203013	14302429	0.63	cps
Yttrium	89-2	2001907	1990128	1998819	1996951	0.31	cps
Zinc	66-2	40329	40413	39757	40166	0.89	cps
Zirconium	90-1	635193	633119	629515	632609	0.45	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:10:31	DataFile Name :	172SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	143478	141913	139574	141655	1.39	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:14:00	DataFile Name :	173SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64431	65151	65301	64961	0.72	cps
Antimony	121-1	392782	390001	389385	390723	0.46	cps
Arsenic	75-2	14263	14031	14370	14221	1.22	cps
Barium	135-1	469103	467967	464445	467172	0.52	cps
Barium	137-1	820192	818462	815238	817964	0.31	cps
Beryllium	9-1	59740	61045	58603	59796	2.04	cps
Bismuth	209-1	12623014	12599096	12524859	12582323	0.41	cps
Bismuth	209-2	6456593	6530144	6502341	6496359	0.57	cps
Boron	10-1	18011	18262	17619	17964	1.80	cps
Boron	11-1	89649	90906	89715	90090	0.79	cps
Cadmium	111-1	101070	99711	99529	100103	0.84	cps
Cadmium	106-1	16101	16143	15042	15762	3.96	cps
Cadmium	108-1	7465	6914	7181	7187	3.83	cps
Calcium	43-1	332385	330894	327063	330114	0.83	cps
Calcium	44-1	5436794	5422390	5354246	5404477	0.82	cps
Chromium	52-2	114426	113644	112051	113374	1.07	cps
Cobalt	59-2	185074	185762	184679	185172	0.30	cps
Copper	63-2	287892	288884	288181	288319	0.18	cps
Dysprosium	156-1	125	117	133	125	6.67	cps
Dysprosium	156-2	57	43	60	53	16.54	cps
Erbium	164-1	533	683	542	586	14.38	cps
Erbium	164-2	237	250	230	239	4.26	cps
Gadolinium	160-1	242	233	300	258	14.06	cps
Gadolinium	160-2	113	83	100	99	15.20	cps
Holmium	165-1	18687379	18368460	18270079	18441972	1.18	cps
Holmium	165-2	8709649	8887007	8662196	8752950	1.35	cps
Indium	115-1	14491638	14172385	14235995	14300006	1.18	cps
Indium	115-2	2586435	2602595	2592559	2593863	0.31	cps
Iron	56-2	6228297	6205300	6148645	6194081	0.66	cps
Iron	57-2	149078	150832	151433	150448	0.81	cps
Lead	206-1	341676	342557	340311	341514	0.33	cps
Lead	207-1	285478	285088	284184	284916	0.23	cps
Lead	208-1	1344113	1342985	1329237	1338778	0.62	cps
Lithium	6-1	1673413	1672629	1657619	1667887	0.53	cps
Magnesium	24-2	1355490	1365775	1355633	1358966	0.43	cps
Manganese	55-2	189997	190657	188399	189684	0.61	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:14:00	DataFile Name :	173SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	437072	437240	431162	435158	0.80	cps
Molybdenum	95-1	369007	360849	363676	364511	1.14	cps
Molybdenum	96-1	429836	424019	426703	426853	0.68	cps
Molybdenum	97-1	228869	227504	224541	226971	0.97	cps
Molybdenum	98-1	585641	583606	580567	583271	0.44	cps
Neodymium	150-1	160	227	147	178	24.11	cps
Neodymium	150-2	47	57	83	62	30.46	cps
Nickel	60-2	50473	49798	50135	50136	0.67	cps
Phosphorus	31-2	167	258	183	203	24.08	cps
Potassium	39-2	503842	509262	500415	504506	0.88	cps
Rhodium	103-1	13139294	13006190	12906432	13017305	0.90	cps
Rhodium	103-2	6123566	6088479	6069381	6093808	0.45	cps
Scandium	45-1	8011136	7970285	7986645	7989355	0.26	cps
Scandium	45-2	361337	360769	358481	360196	0.42	cps
Selenium	77-2	263	267	337	289	14.34	cps
Selenium	78-2	993	957	1004	985	2.45	cps
Selenium	82-1	5859	5975	5963	5932	1.07	cps
Silicon	28-1	4262332	4236791	4215528	4238217	0.55	cps
Silver	109-1	225691	223464	226544	225233	0.71	cps
Silver	107-1	235756	231572	231088	232805	1.10	cps
Sodium	23-2	2627950	2661807	2641851	2643869	0.64	cps
Strontium	86-1	275569	275547	276913	276010	0.28	cps
Strontium	88-1	2366487	2364413	2350878	2360592	0.36	cps
Sulfur	34-1	689428	682494	682494	684806	0.58	cps
Terbium	159-1	18911227	18894173	18950582	18918661	0.15	cps
Terbium	159-2	8771753	8613966	8623651	8669790	1.02	cps
Thallium	203-1	394233	393718	389987	392646	0.59	cps
Thallium	205-1	948901	945696	944189	946262	0.25	cps
Tin	118-1	633360	631183	625977	630173	0.60	cps
Titanium	47-1	99140	99862	98277	99093	0.80	cps
Uranium	238-1	1253815	1256853	1241053	1250574	0.67	cps
Vanadium	51-2	89677	89402	89882	89654	0.27	cps
Yttrium	89-1	14125655	13899834	14091669	14039053	0.87	cps
Yttrium	89-2	1965524	1971775	1959362	1965553	0.32	cps
Zinc	66-2	39497	39577	39621	39565	0.16	cps
Zirconium	90-1	627523	617569	620026	621706	0.83	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:14:00	DataFile Name :	173SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	138852	138800	136874	138175	0.82	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:17:30	DataFile Name :	174SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66775	68341	66181	67099	1.66	cps
Antimony	121-1	409409	407542	405468	407473	0.48	cps
Arsenic	75-2	14709	14622	14824	14719	0.69	cps
Barium	135-1	489158	488562	488904	488875	0.06	cps
Barium	137-1	853457	848931	848987	850458	0.31	cps
Beryllium	9-1	61291	62618	61319	61742	1.23	cps
Bismuth	209-1	12756279	12750861	12811388	12772843	0.26	cps
Bismuth	209-2	6518319	6488696	6486228	6497748	0.27	cps
Boron	10-1	18662	18704	19463	18943	2.38	cps
Boron	11-1	95416	94663	96750	95610	1.11	cps
Cadmium	111-1	105602	102686	102881	103723	1.57	cps
Cadmium	106-1	16035	15426	16669	16043	3.87	cps
Cadmium	108-1	7498	7465	7531	7498	0.44	cps
Calcium	43-1	348502	347052	348526	348027	0.24	cps
Calcium	44-1	5693923	5647005	5666035	5668988	0.42	cps
Chromium	52-2	116741	118387	115531	116886	1.23	cps
Cobalt	59-2	191302	190567	191268	191046	0.22	cps
Copper	63-2	299224	299888	299897	299670	0.13	cps
Dysprosium	156-1	92	175	67	111	51.05	cps
Dysprosium	156-2	60	47	40	49	20.83	cps
Erbium	164-1	608	467	600	558	14.24	cps
Erbium	164-2	297	263	220	260	14.79	cps
Gadolinium	160-1	208	200	175	194	8.92	cps
Gadolinium	160-2	77	90	80	82	8.44	cps
Holmium	165-1	18581298	18466571	18633904	18560591	0.46	cps
Holmium	165-2	8775353	8728171	8797051	8766858	0.40	cps
Indium	115-1	14520162	14330526	14420526	14423738	0.66	cps
Indium	115-2	2601819	2629228	2617306	2616118	0.53	cps
Iron	56-2	6461720	6432157	6439760	6444546	0.24	cps
Iron	57-2	155537	155543	155509	155530	0.01	cps
Lead	206-1	360015	353141	355446	356201	0.98	cps
Lead	207-1	298955	294981	296569	296835	0.67	cps
Lead	208-1	1397875	1388442	1395272	1393863	0.35	cps
Lithium	6-1	1694854	1689237	1685546	1689879	0.28	cps
Magnesium	24-2	1395151	1411711	1400561	1402474	0.60	cps
Manganese	55-2	194466	194089	194375	194310	0.10	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:17:30	DataFile Name :	174SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450156	448615	451319	450030	0.30	cps
Molybdenum	95-1	380038	374987	376081	377035	0.70	cps
Molybdenum	96-1	446222	441009	440083	442438	0.75	cps
Molybdenum	97-1	240001	238182	234488	237557	1.18	cps
Molybdenum	98-1	615645	609122	605890	610219	0.81	cps
Neodymium	150-1	153	127	147	142	9.76	cps
Neodymium	150-2	60	53	37	50	24.03	cps
Nickel	60-2	52142	51550	51062	51585	1.05	cps
Phosphorus	31-2	283	167	183	211	29.89	cps
Potassium	39-2	521405	520586	516633	519541	0.49	cps
Rhodium	103-1	13235450	13151323	13142990	13176588	0.39	cps
Rhodium	103-2	6122536	6160304	6122377	6135072	0.36	cps
Scandium	45-1	8160572	8021642	8008250	8063488	1.05	cps
Scandium	45-2	361008	365350	361991	362783	0.63	cps
Selenium	77-2	223	293	340	286	20.56	cps
Selenium	78-2	922	1067	882	957	10.17	cps
Selenium	82-1	5875	6037	6185	6032	2.57	cps
Silicon	28-1	3483531	3467696	3459702	3470310	0.35	cps
Silver	109-1	232882	234050	235300	234077	0.52	cps
Silver	107-1	241592	239976	243249	241606	0.68	cps
Sodium	23-2	2752129	2735412	2718811	2735450	0.61	cps
Strontium	86-1	290765	287987	288141	288964	0.54	cps
Strontium	88-1	2472952	2471160	2477200	2473771	0.13	cps
Sulfur	34-1	698466	693200	691711	694459	0.51	cps
Terbium	159-1	19562168	19258184	19314760	19378371	0.83	cps
Terbium	159-2	8761579	8883777	8752894	8799417	0.83	cps
Thallium	203-1	407477	409087	407403	407989	0.23	cps
Thallium	205-1	993547	981025	983940	986171	0.66	cps
Tin	118-1	662678	648640	659747	657022	1.13	cps
Titanium	47-1	104519	102169	102529	103072	1.23	cps
Uranium	238-1	1317741	1296221	1295265	1303076	0.98	cps
Vanadium	51-2	92407	91981	91635	92008	0.42	cps
Yttrium	89-1	14333679	14128941	14177680	14213433	0.75	cps
Yttrium	89-2	1967059	1966125	1973879	1969021	0.21	cps
Zinc	66-2	41078	40767	41064	40970	0.43	cps
Zirconium	90-1	643157	640625	642725	642169	0.21	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2989-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S36-0106ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:17:30	DataFile Name :	174SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	141779	141519	140652	141317	0.42	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:20:59	DataFile Name :	175CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1265298	1275028	1272260	1270862	0.39	cps
Antimony	121-1	7675734	7584509	7585832	7615359	0.69	cps
Arsenic	75-2	258691	262475	261252	260806	0.74	cps
Barium	135-1	9234215	9120005	9142344	9165521	0.66	cps
Barium	137-1	15885797	15844109	15912612	15880839	0.22	cps
Beryllium	9-1	1292845	1301945	1294486	1296425	0.37	cps
Bismuth	209-1	12098112	12126711	12151833	12125552	0.22	cps
Bismuth	209-2	6371801	6500679	6486174	6452885	1.09	cps
Boron	10-1	155296	158868	160213	158126	1.61	cps
Boron	11-1	792795	799812	811477	801361	1.18	cps
Cadmium	111-1	1878548	1873386	1879590	1877175	0.18	cps
Cadmium	106-1	213935	214154	213805	213965	0.08	cps
Cadmium	108-1	139911	141721	138263	139965	1.24	cps
Calcium	43-1	1963238	1968690	1981583	1971171	0.48	cps
Calcium	44-1	32055560	32163736	32398818	32206038	0.54	cps
Chromium	52-2	2202219	2234064	2222427	2219570	0.73	cps
Cobalt	59-2	3623734	3649509	3648997	3640747	0.40	cps
Copper	63-2	4967370	5002686	5018912	4996323	0.53	cps
Dysprosium	156-1	83	200	183	156	40.56	cps
Dysprosium	156-2	37	17	17	23	49.48	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	30	27	17	24	28.38	cps
Gadolinium	160-1	100	92	242	144	58.36	cps
Gadolinium	160-2	67	77	70	71	7.16	cps
Holmium	165-1	18015700	17980250	17895862	17963938	0.34	cps
Holmium	165-2	8756406	8845484	8811722	8804538	0.51	cps
Indium	115-1	13611634	13776489	13736225	13708116	0.63	cps
Indium	115-2	2585221	2603466	2604222	2597636	0.41	cps
Iron	56-2	95891874	96627310	96136541	96218575	0.39	cps
Iron	57-2	2320418	2337009	2333182	2330203	0.37	cps
Lead	206-1	6131507	6137065	6106059	6124877	0.27	cps
Lead	207-1	5541381	5586526	5527100	5551669	0.56	cps
Lead	208-1	25415246	25640230	25541719	25532398	0.44	cps
Lithium	6-1	1641092	1648747	1644908	1644916	0.23	cps
Magnesium	24-2	15511603	15539303	15491109	15514005	0.16	cps
Manganese	55-2	2483447	2518521	2498128	2500032	0.70	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:20:59	DataFile Name :	175CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6689442	6766603	6654056	6703367	0.86	cps
Molybdenum	95-1	3510254	3525450	3490320	3508675	0.50	cps
Molybdenum	96-1	4544861	4523954	4530799	4533205	0.24	cps
Molybdenum	97-1	2197825	2189802	2191122	2192916	0.20	cps
Molybdenum	98-1	5859941	5850547	5896026	5868838	0.41	cps
Neodymium	150-1	780	573	673	676	15.30	cps
Neodymium	150-2	73	77	63	71	9.76	cps
Nickel	60-2	957842	967859	966728	964143	0.57	cps
Phosphorus	31-2	72434	73062	73012	72836	0.48	cps
Potassium	39-2	7707704	7814410	7804712	7775609	0.76	cps
Rhodium	103-1	12314694	12485585	12326683	12375654	0.77	cps
Rhodium	103-2	5766432	5825838	6001011	5864427	2.08	cps
Scandium	45-1	7914348	7907722	7944199	7922090	0.25	cps
Scandium	45-2	368077	373371	372888	371446	0.79	cps
Selenium	77-2	5334	5261	5088	5228	2.42	cps
Selenium	78-2	18021	17876	17976	17957	0.41	cps
Selenium	82-1	114761	114606	114875	114747	0.12	cps
Silicon	28-1	4230708	4293806	4317275	4280596	1.05	cps
Silver	109-1	9163729	9037608	9038717	9080018	0.80	cps
Silver	107-1	9362377	9535815	9340082	9412758	1.14	cps
Sodium	23-2	30819864	31176357	30814364	30936862	0.67	cps
Strontium	86-1	2305360	2301021	2299886	2302089	0.13	cps
Strontium	88-1	20216495	20203949	20308800	20243082	0.28	cps
Sulfur	34-1	1290537	1291436	1274139	1285371	0.76	cps
Terbium	159-1	18881413	18575454	18691657	18716175	0.83	cps
Terbium	159-2	8720776	8772783	8808519	8767359	0.50	cps
Thallium	203-1	8069693	7979272	7977101	8008689	0.66	cps
Thallium	205-1	18992487	18924805	19112608	19009967	0.50	cps
Tin	118-1	6195179	6239895	6289251	6241442	0.75	cps
Titanium	47-1	958666	963737	962778	961727	0.28	cps
Uranium	238-1	26225532	25997306	26175342	26132727	0.46	cps
Vanadium	51-2	1802044	1820179	1814906	1812376	0.51	cps
Yttrium	89-1	13830233	13880745	13736416	13815798	0.53	cps
Yttrium	89-2	1990124	2021644	2019085	2010284	0.87	cps
Zinc	66-2	722357	734528	730396	729094	0.85	cps
Zirconium	90-1	12419028	12593349	12368919	12460432	0.95	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:20:59	DataFile Name :	175CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2744695	2750498	2733479	2742891	0.32	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:24:24	DataFile Name :	176CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	50	58	75	48.43	cps
Antimony	121-1	23738	27854	32347	27979	15.39	cps
Arsenic	75-2	250	283	285	273	7.26	cps
Barium	135-1	350	258	242	283	20.59	cps
Barium	137-1	583	458	350	464	25.17	cps
Beryllium	9-1	211	233	261	235	10.65	cps
Bismuth	209-1	12652411	12546959	12541087	12580153	0.50	cps
Bismuth	209-2	6487651	6559570	6535321	6527514	0.56	cps
Boron	10-1	4284	3851	3792	3976	6.76	cps
Boron	11-1	20690	19054	17669	19138	7.90	cps
Cadmium	111-1	3650	3219	3632	3500	6.96	cps
Cadmium	106-1	5076	4501	5118	4898	7.04	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Calcium	43-1	342	383	367	364	5.76	cps
Calcium	44-1	12564	12222	12297	12361	1.45	cps
Chromium	52-2	1513	1353	1453	1440	5.61	cps
Cobalt	59-2	200	133	137	157	23.98	cps
Copper	63-2	11278	10587	11114	10993	3.28	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	100	83	81	26.03	cps
Erbium	164-2	20	13	30	21	39.75	cps
Gadolinium	160-1	117	108	142	122	14.19	cps
Gadolinium	160-2	47	47	47	47	0.00	cps
Holmium	165-1	17936975	18186952	18067125	18063684	0.69	cps
Holmium	165-2	8721483	8718631	8738928	8726348	0.13	cps
Indium	115-1	14149389	14215179	14074576	14146382	0.50	cps
Indium	115-2	2587685	2618652	2626345	2610894	0.78	cps
Iron	56-2	10637	10493	10404	10511	1.12	cps
Iron	57-2	189	233	239	220	12.43	cps
Lead	206-1	3339	3356	3178	3291	2.98	cps
Lead	207-1	2606	2800	2906	2771	5.49	cps
Lead	208-1	12625	13120	12869	12871	1.92	cps
Lithium	6-1	1678759	1670505	1666995	1672086	0.36	cps
Magnesium	24-2	383	367	350	367	4.55	cps
Manganese	55-2	173	183	247	201	19.77	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:24:24	DataFile Name :	176CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2900	3426	4384	3570	21.07	cps
Molybdenum	95-1	3592	4568	5618	4593	22.06	cps
Molybdenum	96-1	3984	4926	6085	4998	21.05	cps
Molybdenum	97-1	2350	2867	3584	2934	21.12	cps
Molybdenum	98-1	5968	7352	9045	7455	20.67	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	203	150	223	192	19.72	cps
Phosphorus	31-2	225	167	142	178	24.06	cps
Potassium	39-2	44125	45579	43507	44403	2.40	cps
Rhodium	103-1	12887031	12697432	12916929	12833797	0.93	cps
Rhodium	103-2	6062567	6107122	6087248	6085646	0.37	cps
Scandium	45-1	7906201	7969216	7887892	7921103	0.54	cps
Scandium	45-2	363506	364775	366785	365022	0.45	cps
Selenium	77-2	20	7	17	14	48.02	cps
Selenium	78-2	111	130	93	111	16.67	cps
Selenium	82-1	-44	-98	-25	-56	-67.52	cps
Silicon	28-1	422257	412808	416399	417154	1.14	cps
Silver	109-1	767	608	717	697	11.61	cps
Silver	107-1	883	767	775	808	8.05	cps
Sodium	23-2	33221	33054	33037	33104	0.31	cps
Strontium	86-1	5243	5693	5560	5499	4.20	cps
Strontium	88-1	892	783	742	806	9.61	cps
Sulfur	34-1	646622	647897	643113	645877	0.38	cps
Terbium	159-1	18906566	18749398	18523094	18726353	1.03	cps
Terbium	159-2	8653983	8710573	8660648	8675068	0.36	cps
Thallium	203-1	1175	1092	992	1086	8.45	cps
Thallium	205-1	3092	2575	2292	2653	15.29	cps
Tin	118-1	3859	4559	4826	4415	11.31	cps
Titanium	47-1	242	125	150	172	35.67	cps
Uranium	238-1	708	692	767	722	5.45	cps
Vanadium	51-2	77	57	60	64	16.63	cps
Yttrium	89-1	13824634	13858967	13834723	13839441	0.13	cps
Yttrium	89-2	1967764	1997813	1973193	1979590	0.81	cps
Zinc	66-2	263	223	257	248	8.65	cps
Zirconium	90-1	2209	2259	2600	2356	9.05	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:24:24	DataFile Name :	176CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	425	517	517	17.74	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:27:56	DataFile Name :	177SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24922	24513	24680	24705	0.83	cps
Antimony	121-1	10671	12081	14375	12375	15.10	cps
Arsenic	75-2	185	176	230	197	14.58	cps
Barium	135-1	19656	19564	19873	19698	0.81	cps
Barium	137-1	34285	35568	35012	34955	1.84	cps
Beryllium	9-1	283	278	211	257	15.61	cps
Bismuth	209-1	11983016	12077572	12370809	12143799	1.67	cps
Bismuth	209-2	6444696	6339527	6459996	6414740	1.02	cps
Boron	10-1	5393	4976	5201	5190	4.02	cps
Boron	11-1	26666	25939	25956	26187	1.58	cps
Cadmium	111-1	4364	4035	3903	4101	5.79	cps
Cadmium	106-1	5526	4943	4834	5101	7.30	cps
Cadmium	108-1	83	71	63	72	14.52	cps
Calcium	43-1	189280	189399	188089	188923	0.38	cps
Calcium	44-1	3066130	3066119	3100892	3077714	0.65	cps
Chromium	52-2	3567	3804	3637	3669	3.31	cps
Cobalt	59-2	5955	5755	5978	5896	2.08	cps
Copper	63-2	22157	22427	22511	22365	0.83	cps
Dysprosium	156-1	1675	2084	1934	1897	10.89	cps
Dysprosium	156-2	890	730	830	817	9.90	cps
Erbium	164-1	1759	1734	1817	1770	2.42	cps
Erbium	164-2	847	940	773	853	9.79	cps
Gadolinium	160-1	1884	1875	1992	1917	3.40	cps
Gadolinium	160-2	907	917	1023	949	6.81	cps
Holmium	165-1	17701870	17674086	17817936	17731297	0.43	cps
Holmium	165-2	8646625	8585211	8643930	8625255	0.40	cps
Indium	115-1	13711719	13714499	13882984	13769734	0.71	cps
Indium	115-2	2548911	2548165	2568826	2555301	0.46	cps
Iron	56-2	1346625	1338460	1351806	1345630	0.50	cps
Iron	57-2	33522	33622	33595	33580	0.15	cps
Lead	206-1	5590	5279	5512	5461	2.97	cps
Lead	207-1	4695	4562	4440	4566	2.80	cps
Lead	208-1	21496	21035	21224	21252	1.09	cps
Lithium	6-1	1616450	1626190	1642880	1628506	0.82	cps
Magnesium	24-2	649255	645188	655560	650001	0.80	cps
Manganese	55-2	2226028	2230692	2246254	2234325	0.47	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:27:56	DataFile Name :	177SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2759	2825	3242	2942	8.90	cps
Molybdenum	95-1	2075	2275	2784	2378	15.36	cps
Molybdenum	96-1	2242	2750	3492	2828	22.23	cps
Molybdenum	97-1	1200	1567	1659	1475	16.44	cps
Molybdenum	98-1	3267	3809	4443	3840	15.32	cps
Neodymium	150-1	2567	2627	2707	2634	2.67	cps
Neodymium	150-2	930	1023	1003	986	4.99	cps
Nickel	60-2	3754	3777	3834	3788	1.09	cps
Phosphorus	31-2	233	250	225	236	5.39	cps
Potassium	39-2	171294	172146	171749	171730	0.25	cps
Rhodium	103-1	12368207	12583439	12489084	12480243	0.86	cps
Rhodium	103-2	5760894	5721751	5998867	5827170	2.57	cps
Scandium	45-1	7700097	7696561	7837365	7744674	1.04	cps
Scandium	45-2	355389	355630	357656	356225	0.35	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	106	87	120	104	16.01	cps
Selenium	82-1	-51	16	114	26	314.96	cps
Silicon	28-1	4132829	4141785	4172172	4148929	0.50	cps
Silver	109-1	1684	1750	2050	1828	10.69	cps
Silver	107-1	1734	1767	1959	1820	6.67	cps
Sodium	23-2	14267881	14092723	14148277	14169627	0.63	cps
Strontium	86-1	135929	134760	137612	136100	1.05	cps
Strontium	88-1	1131491	1129427	1149729	1136882	0.98	cps
Sulfur	34-1	817933	819132	818412	818492	0.07	cps
Terbium	159-1	18189929	18299220	18572103	18353751	1.07	cps
Terbium	159-2	8582344	8689850	8673355	8648516	0.67	cps
Thallium	203-1	1225	1267	1225	1239	1.94	cps
Thallium	205-1	2850	2692	2642	2728	3.99	cps
Tin	118-1	3201	3267	3576	3348	5.98	cps
Titanium	47-1	17102	19765	16994	17954	8.74	cps
Uranium	238-1	2800	2792	2967	2853	3.46	cps
Vanadium	51-2	1990	2154	2164	2102	4.63	cps
Yttrium	89-1	13443094	13598871	13773486	13605150	1.21	cps
Yttrium	89-2	1942155	1925922	1951581	1939886	0.67	cps
Zinc	66-2	1307	1323	1357	1329	1.92	cps
Zirconium	90-1	4184	4701	4884	4590	7.91	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-05DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:27:56	DataFile Name :	177SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	983	1092	1008	1028	5.52	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:31:27	DataFile Name :	178SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	158	200	164	20.55	cps
Antimony	121-1	4909	5360	6252	5507	12.41	cps
Arsenic	75-2	63	50	104	72	38.81	cps
Barium	135-1	11280	11864	11830	11658	2.81	cps
Barium	137-1	19706	19982	20624	20104	2.34	cps
Beryllium	9-1	133	161	133	143	11.25	cps
Bismuth	209-1	12087854	12066664	12204964	12119827	0.61	cps
Bismuth	209-2	6275959	6316650	6317439	6303349	0.38	cps
Boron	10-1	4468	4301	4601	4456	3.37	cps
Boron	11-1	22000	21992	22276	22089	0.73	cps
Cadmium	111-1	3646	3537	3868	3684	4.57	cps
Cadmium	106-1	4818	4643	5009	4823	3.80	cps
Cadmium	108-1	38	42	38	39	6.19	cps
Calcium	43-1	191803	195271	193315	193463	0.90	cps
Calcium	44-1	3149943	3175472	3206131	3177182	0.89	cps
Chromium	52-2	1790	1853	1860	1835	2.11	cps
Cobalt	59-2	4527	4537	4504	4523	0.38	cps
Copper	63-2	15799	15191	16273	15754	3.44	cps
Dysprosium	156-1	67	75	83	75	11.11	cps
Dysprosium	156-2	30	43	30	34	22.34	cps
Erbium	164-1	92	167	150	136	28.93	cps
Erbium	164-2	97	110	97	101	7.61	cps
Gadolinium	160-1	158	167	142	156	8.18	cps
Gadolinium	160-2	87	117	80	94	20.68	cps
Holmium	165-1	17599514	17790400	17642046	17677320	0.57	cps
Holmium	165-2	8461709	8478963	8536312	8492328	0.46	cps
Indium	115-1	13709170	13689195	13765778	13721381	0.29	cps
Indium	115-2	2518681	2548727	2543107	2536838	0.63	cps
Iron	56-2	9242	9092	9537	9290	2.44	cps
Iron	57-2	256	278	300	278	8.00	cps
Lead	206-1	1911	1884	1856	1884	1.47	cps
Lead	207-1	1706	1739	1522	1656	7.05	cps
Lead	208-1	7395	7707	7057	7386	4.40	cps
Lithium	6-1	1615141	1596238	1621624	1611001	0.82	cps
Magnesium	24-2	655477	659823	659432	658244	0.37	cps
Manganese	55-2	1934906	1942951	1976185	1951347	1.12	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:31:27	DataFile Name :	178SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1158	1383	1717	1420	19.79	cps
Molybdenum	95-1	1417	1350	1750	1506	14.23	cps
Molybdenum	96-1	1442	1483	1700	1542	9.00	cps
Molybdenum	97-1	733	825	933	831	12.05	cps
Molybdenum	98-1	2025	2067	2717	2270	17.09	cps
Neodymium	150-1	60	80	47	62	26.96	cps
Neodymium	150-2	20	30	33	28	24.98	cps
Nickel	60-2	2967	3107	2880	2985	3.83	cps
Phosphorus	31-2	150	167	167	161	5.97	cps
Potassium	39-2	171101	170182	169669	170317	0.43	cps
Rhodium	103-1	12380175	12272528	12373456	12342053	0.49	cps
Rhodium	103-2	5670135	5740896	5889414	5766815	1.94	cps
Scandium	45-1	7556875	7571739	7751569	7626728	1.42	cps
Scandium	45-2	349855	353265	351200	351440	0.49	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	74	87	91	84	10.42	cps
Selenium	82-1	-1	-10	185	58	189.79	cps
Silicon	28-1	1932705	1956972	1947155	1945610	0.63	cps
Silver	109-1	1050	1167	1325	1181	11.69	cps
Silver	107-1	1250	1350	1584	1395	12.27	cps
Sodium	23-2	14561773	14578553	14494967	14545098	0.30	cps
Strontium	86-1	139890	140290	140228	140136	0.15	cps
Strontium	88-1	1175890	1179163	1186888	1180647	0.48	cps
Sulfur	34-1	826785	830105	825371	827420	0.29	cps
Terbium	159-1	18147822	18307575	18412783	18289393	0.73	cps
Terbium	159-2	8441139	8448933	8550887	8480320	0.72	cps
Thallium	203-1	300	300	383	328	14.68	cps
Thallium	205-1	1025	1008	683	906	21.27	cps
Tin	118-1	1784	2009	2375	2056	14.53	cps
Titanium	47-1	150	242	208	200	23.20	cps
Uranium	238-1	483	433	525	481	9.55	cps
Vanadium	51-2	113	103	93	103	9.68	cps
Yttrium	89-1	13505516	13382126	13436454	13441365	0.46	cps
Yttrium	89-2	1907205	1919572	1923901	1916893	0.45	cps
Zinc	66-2	627	643	713	661	6.96	cps
Zirconium	90-1	1709	1725	1900	1778	5.97	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-06DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:31:27	DataFile Name :	178SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	275	508	372	32.62	cps

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LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:34:58	DataFile Name :	179SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15083	16404	15334	15607	4.49	cps
Antimony	121-1	3234	3376	3909	3506	10.16	cps
Arsenic	75-2	83	94	87	88	6.41	cps
Barium	135-1	15618	15159	14967	15248	2.19	cps
Barium	137-1	27395	26485	26418	26766	2.04	cps
Beryllium	9-1	161	222	261	215	23.47	cps
Bismuth	209-1	12262003	12221881	12062142	12182009	0.87	cps
Bismuth	209-2	6282356	6363597	6328850	6324935	0.64	cps
Boron	10-1	3951	4151	3842	3981	3.93	cps
Boron	11-1	20907	20239	20415	20520	1.69	cps
Cadmium	111-1	4088	3880	3870	3946	3.11	cps
Cadmium	106-1	5218	4968	4943	5043	3.02	cps
Cadmium	108-1	33	63	63	53	31.91	cps
Calcium	43-1	176449	175764	175698	175970	0.24	cps
Calcium	44-1	2917537	2874447	2875423	2889136	0.85	cps
Chromium	52-2	2684	2740	2834	2753	2.75	cps
Cobalt	59-2	4958	5021	5108	5029	1.50	cps
Copper	63-2	19436	19650	19964	19683	1.35	cps
Dysprosium	156-1	1659	1617	1659	1645	1.46	cps
Dysprosium	156-2	763	767	817	782	3.82	cps
Erbium	164-1	1600	1792	1625	1672	6.23	cps
Erbium	164-2	693	743	720	719	3.48	cps
Gadolinium	160-1	1675	1784	1959	1806	7.92	cps
Gadolinium	160-2	913	910	887	903	1.61	cps
Holmium	165-1	17830568	17487749	17801320	17706546	1.07	cps
Holmium	165-2	8499342	8662421	8529532	8563765	1.01	cps
Indium	115-1	13799993	13572766	13757578	13710113	0.88	cps
Indium	115-2	2544047	2539667	2536942	2540218	0.14	cps
Iron	56-2	799064	801239	801232	800512	0.16	cps
Iron	57-2	19814	19675	19997	19829	0.82	cps
Lead	206-1	4123	3601	3856	3860	6.77	cps
Lead	207-1	3112	3278	3295	3228	3.14	cps
Lead	208-1	15065	14848	15198	15037	1.18	cps
Lithium	6-1	1647526	1613582	1623292	1628134	1.07	cps
Magnesium	24-2	600848	609115	603883	604615	0.69	cps
Manganese	55-2	2069049	2078272	2073639	2073653	0.22	cps

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LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:34:58	DataFile Name :	179SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1450	1500	1742	1564	9.97	cps
Molybdenum	95-1	800	925	1133	953	17.67	cps
Molybdenum	96-1	1242	1217	1275	1245	2.35	cps
Molybdenum	97-1	483	592	708	594	18.93	cps
Molybdenum	98-1	1200	1567	1558	1442	14.52	cps
Neodymium	150-1	1954	1900	2000	1951	2.56	cps
Neodymium	150-2	823	883	797	834	5.32	cps
Nickel	60-2	3190	3110	3367	3223	4.08	cps
Phosphorus	31-2	292	175	217	228	25.96	cps
Potassium	39-2	161427	162336	159692	161152	0.83	cps
Rhodium	103-1	12440924	12394306	12468348	12434526	0.30	cps
Rhodium	103-2	5692663	5947762	5748261	5796228	2.31	cps
Scandium	45-1	7721291	7651501	7641562	7671451	0.57	cps
Scandium	45-2	352791	351499	351285	351859	0.23	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	91	96	83	90	7.22	cps
Selenium	82-1	31	-37	115	36	211.22	cps
Silicon	28-1	3200029	3143041	3162211	3168427	0.92	cps
Silver	109-1	1033	1175	1125	1111	6.47	cps
Silver	107-1	1050	1308	1425	1261	15.22	cps
Sodium	23-2	13309257	13436382	13254675	13333438	0.70	cps
Strontium	86-1	128731	127991	126932	127885	0.71	cps
Strontium	88-1	1072327	1066708	1064193	1067743	0.39	cps
Sulfur	34-1	811086	809157	807759	809334	0.21	cps
Terbium	159-1	18446457	18337488	18618438	18467461	0.77	cps
Terbium	159-2	8643010	8509927	8450109	8534349	1.16	cps
Thallium	203-1	342	325	367	344	6.09	cps
Thallium	205-1	892	867	825	861	3.91	cps
Tin	118-1	1467	1617	1867	1650	12.25	cps
Titanium	47-1	10070	9545	9687	9768	2.78	cps
Uranium	238-1	1075	1125	875	1025	12.91	cps
Vanadium	51-2	1223	1260	1437	1307	8.73	cps
Yttrium	89-1	13648091	13675651	13314423	13546055	1.48	cps
Yttrium	89-2	1917781	1917753	1927841	1921125	0.30	cps
Zinc	66-2	1013	893	810	906	11.29	cps
Zirconium	90-1	2934	2859	2750	2848	3.24	cps

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Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-08DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:34:58	DataFile Name :	179SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	725	633	681	6.74	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:38:29	DataFile Name :	180SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	133	106	24.12	cps
Antimony	121-1	1842	2517	3059	2473	24.66	cps
Arsenic	75-2	54	30	52	45	29.73	cps
Barium	135-1	10129	10480	9987	10199	2.48	cps
Barium	137-1	16919	17336	17595	17284	1.97	cps
Beryllium	9-1	178	156	172	169	6.86	cps
Bismuth	209-1	12094599	12381840	12285749	12254063	1.19	cps
Bismuth	209-2	6331264	6272362	6253043	6285556	0.65	cps
Boron	10-1	3992	4259	4409	4220	5.00	cps
Boron	11-1	20298	21533	21341	21057	3.16	cps
Cadmium	111-1	4013	3761	3808	3861	3.47	cps
Cadmium	106-1	5160	4768	4984	4971	3.95	cps
Cadmium	108-1	46	38	63	49	26.19	cps
Calcium	43-1	190225	187964	189559	189249	0.61	cps
Calcium	44-1	3064447	3104373	3088787	3085869	0.65	cps
Chromium	52-2	1913	1937	1803	1885	3.78	cps
Cobalt	59-2	4531	4517	4254	4434	3.52	cps
Copper	63-2	15258	15936	15832	15675	2.33	cps
Dysprosium	156-1	92	100	142	111	24.11	cps
Dysprosium	156-2	37	40	43	40	8.32	cps
Erbium	164-1	225	217	183	208	10.58	cps
Erbium	164-2	80	120	67	89	31.22	cps
Gadolinium	160-1	258	292	208	253	16.59	cps
Gadolinium	160-2	90	100	83	91	9.20	cps
Holmium	165-1	17644467	17847691	17589563	17693907	0.77	cps
Holmium	165-2	8581651	8364034	8317546	8421077	1.67	cps
Indium	115-1	13694481	13853318	13850079	13799293	0.66	cps
Indium	115-2	2508745	2516118	2501478	2508781	0.29	cps
Iron	56-2	7258	7552	7107	7306	3.10	cps
Iron	57-2	217	233	194	215	9.08	cps
Lead	206-1	1589	1467	1428	1495	5.63	cps
Lead	207-1	1333	1356	1133	1274	9.61	cps
Lead	208-1	6317	5978	5573	5956	6.26	cps
Lithium	6-1	1625052	1639883	1627564	1630833	0.49	cps
Magnesium	24-2	626801	631965	625404	628057	0.55	cps
Manganese	55-2	2212103	2205770	2191936	2203270	0.47	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:38:29	DataFile Name :	180SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	683	1058	1042	928	22.84	cps
Molybdenum	95-1	667	883	900	817	15.94	cps
Molybdenum	96-1	742	758	842	781	6.86	cps
Molybdenum	97-1	583	492	550	542	8.57	cps
Molybdenum	98-1	925	1142	1450	1172	22.51	cps
Neodymium	150-1	107	60	93	87	27.74	cps
Neodymium	150-2	23	27	20	23	14.29	cps
Nickel	60-2	3127	3020	3117	3088	1.91	cps
Phosphorus	31-2	133	175	225	178	25.82	cps
Potassium	39-2	162186	163305	165784	163758	1.12	cps
Rhodium	103-1	12450003	12605469	12487739	12514404	0.65	cps
Rhodium	103-2	5711093	5667411	5662046	5680183	0.47	cps
Scandium	45-1	7593024	7699217	7688948	7660396	0.76	cps
Scandium	45-2	345725	346781	349387	347298	0.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	69	65	98	77	23.68	cps
Selenium	82-1	-93	3	-61	-50	-97.47	cps
Silicon	28-1	1992106	2002519	1997226	1997284	0.26	cps
Silver	109-1	950	975	1267	1064	16.55	cps
Silver	107-1	1117	1142	1233	1164	5.28	cps
Sodium	23-2	14094633	14047911	13969663	14037402	0.45	cps
Strontium	86-1	135265	136073	138327	136555	1.16	cps
Strontium	88-1	1132012	1149671	1142793	1141492	0.78	cps
Sulfur	34-1	826919	827547	832714	829060	0.38	cps
Terbium	159-1	18383213	18562905	18459073	18468397	0.49	cps
Terbium	159-2	8498556	8443484	8442026	8461355	0.38	cps
Thallium	203-1	283	325	292	300	7.35	cps
Thallium	205-1	833	583	733	717	17.56	cps
Tin	118-1	1583	1425	1759	1589	10.49	cps
Titanium	47-1	150	258	233	214	26.52	cps
Uranium	238-1	350	442	392	394	11.64	cps
Vanadium	51-2	123	83	67	91	31.96	cps
Yttrium	89-1	13402294	13517532	13694209	13538012	1.09	cps
Yttrium	89-2	1915590	1906734	1888326	1903550	0.73	cps
Zinc	66-2	963	970	1023	986	3.34	cps
Zirconium	90-1	1475	1609	1508	1531	4.53	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	I2949-09DLX20	Instrumnet Name :	P7
Client Sample ID :	TWP-07-DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-05 21:38:29	DataFile Name :	180SMPL_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	258	283	306	20.10	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:42:00	DataFile Name :	181CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267135	1254020	1259043	1260066	0.53	cps
Antimony	121-1	7803991	7691049	7642093	7712378	1.08	cps
Arsenic	75-2	258165	252501	256941	255869	1.16	cps
Barium	135-1	9213209	9248512	9218498	9226740	0.21	cps
Barium	137-1	16130137	16072309	15873405	16025284	0.84	cps
Beryllium	9-1	1223945	1229747	1218924	1224205	0.44	cps
Bismuth	209-1	12338635	12362209	12151416	12284087	0.94	cps
Bismuth	209-2	6404758	6343823	6438417	6395666	0.75	cps
Boron	10-1	160847	161444	162792	161694	0.62	cps
Boron	11-1	800455	807506	813865	807275	0.83	cps
Cadmium	111-1	1895088	1897468	1887107	1893221	0.29	cps
Cadmium	106-1	215017	215482	217766	216088	0.68	cps
Cadmium	108-1	138657	141619	141355	140544	1.17	cps
Calcium	43-1	1978998	1987628	1970139	1978922	0.44	cps
Calcium	44-1	32543254	32240007	32183298	32322186	0.60	cps
Chromium	52-2	2198922	2182400	2189539	2190287	0.38	cps
Cobalt	59-2	3592281	3559563	3592712	3581519	0.53	cps
Copper	63-2	4958954	4902681	4985483	4949039	0.85	cps
Dysprosium	156-1	158	200	183	181	11.62	cps
Dysprosium	156-2	30	23	10	21	48.24	cps
Erbium	164-1	92	50	67	69	30.20	cps
Erbium	164-2	13	40	43	32	51.04	cps
Gadolinium	160-1	150	192	142	161	16.63	cps
Gadolinium	160-2	103	57	53	71	39.32	cps
Holmium	165-1	18237905	18254161	18170899	18220988	0.24	cps
Holmium	165-2	8840477	8694820	8696946	8744081	0.95	cps
Indium	115-1	13990019	13837743	13812246	13880003	0.69	cps
Indium	115-2	2569370	2549361	2556418	2558383	0.40	cps
Iron	56-2	95531866	93234022	94155224	94307037	1.23	cps
Iron	57-2	2293478	2263440	2300185	2285701	0.86	cps
Lead	206-1	6221353	6239187	6177918	6212819	0.51	cps
Lead	207-1	5647066	5637344	5585184	5623198	0.59	cps
Lead	208-1	26002409	26123479	25771371	25965753	0.69	cps
Lithium	6-1	1681670	1675254	1666577	1674500	0.45	cps
Magnesium	24-2	15578900	15281410	15429397	15429903	0.96	cps
Manganese	55-2	2483409	2446776	2472095	2467427	0.76	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:42:00	DataFile Name :	181CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6767838	6701560	6750205	6739868	0.51	cps
Molybdenum	95-1	3545146	3541645	3534408	3540400	0.15	cps
Molybdenum	96-1	4550437	4581199	4542669	4558102	0.45	cps
Molybdenum	97-1	2214240	2205020	2201689	2206983	0.29	cps
Molybdenum	98-1	5917981	5894631	5849952	5887521	0.59	cps
Neodymium	150-1	673	720	700	698	3.36	cps
Neodymium	150-2	70	57	63	63	10.52	cps
Nickel	60-2	952302	945460	955817	951193	0.55	cps
Phosphorus	31-2	72342	70399	71447	71396	1.36	cps
Potassium	39-2	7739482	7563993	7651984	7651820	1.15	cps
Rhodium	103-1	12526385	12409172	12432394	12455984	0.50	cps
Rhodium	103-2	5918280	5683329	5711865	5771158	2.22	cps
Scandium	45-1	7882343	7989300	7932665	7934769	0.67	cps
Scandium	45-2	367988	361071	365206	364755	0.95	cps
Selenium	77-2	5308	5354	5281	5314	0.70	cps
Selenium	78-2	17540	17437	17917	17631	1.43	cps
Selenium	82-1	115245	115508	115403	115386	0.11	cps
Silicon	28-1	4281616	4334809	4341341	4319256	0.76	cps
Silver	109-1	9176460	9129796	9100098	9135451	0.42	cps
Silver	107-1	9474037	9514597	9485033	9491222	0.22	cps
Sodium	23-2	30615500	30309823	30562303	30495875	0.54	cps
Strontium	86-1	2306574	2336534	2312968	2318692	0.68	cps
Strontium	88-1	20370915	20529355	20447902	20449391	0.39	cps
Sulfur	34-1	1293456	1299264	1282229	1291650	0.67	cps
Terbium	159-1	18787633	18999547	18657572	18814918	0.92	cps
Terbium	159-2	8810694	8601402	8656070	8689389	1.25	cps
Thallium	203-1	8091347	8123736	8040554	8085212	0.52	cps
Thallium	205-1	19193062	19230163	19120115	19181113	0.29	cps
Tin	118-1	6307551	6334342	6316065	6319320	0.22	cps
Titanium	47-1	963633	968277	963676	965195	0.28	cps
Uranium	238-1	26675790	26772555	26220557	26556301	1.11	cps
Vanadium	51-2	1785524	1767416	1783431	1778791	0.56	cps
Yttrium	89-1	13789424	14016941	13886970	13897778	0.82	cps
Yttrium	89-2	1992603	1960786	1986134	1979841	0.85	cps
Zinc	66-2	723912	718703	722440	721685	0.37	cps
Zirconium	90-1	12499338	12572478	12621304	12564373	0.49	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:42:00	DataFile Name :	181CCV_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2770654	2757834	2756707	2761732	0.28	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:45:25	DataFile Name :	182CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	92	86	11.18	cps
Antimony	121-1	22736	26242	31645	26874	16.70	cps
Arsenic	75-2	241	267	272	260	6.47	cps
Barium	135-1	275	275	267	272	1.77	cps
Barium	137-1	433	467	342	414	15.64	cps
Beryllium	9-1	311	278	278	289	6.66	cps
Bismuth	209-1	12880809	12614095	12849876	12781594	1.14	cps
Bismuth	209-2	6549380	6586759	7013403	6716514	3.84	cps
Boron	10-1	3792	3584	3517	3631	3.95	cps
Boron	11-1	18512	18328	17043	17961	4.45	cps
Cadmium	111-1	3590	3606	3641	3612	0.72	cps
Cadmium	106-1	5001	5043	5151	5065	1.53	cps
Cadmium	108-1	4	46	33	28	76.96	cps
Calcium	43-1	408	417	300	375	17.36	cps
Calcium	44-1	12372	11055	11822	11750	5.63	cps
Chromium	52-2	1313	1353	1223	1297	5.14	cps
Cobalt	59-2	173	167	147	162	8.56	cps
Copper	63-2	10040	9840	9907	9929	1.03	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	75	56	31.22	cps
Erbium	164-2	20	13	37	23	51.52	cps
Gadolinium	160-1	158	108	92	119	29.05	cps
Gadolinium	160-2	50	40	43	44	11.46	cps
Holmium	165-1	18460536	18176302	18282924	18306587	0.78	cps
Holmium	165-2	8746593	8765600	8768173	8760122	0.13	cps
Indium	115-1	14489995	14268428	14399125	14385849	0.77	cps
Indium	115-2	2628896	2629199	2644084	2634060	0.33	cps
Iron	56-2	10076	10221	10087	10128	0.79	cps
Iron	57-2	222	178	233	211	13.93	cps
Lead	206-1	3389	3351	3373	3371	0.58	cps
Lead	207-1	2750	3084	2939	2924	5.72	cps
Lead	208-1	13086	13370	13231	13229	1.07	cps
Lithium	6-1	1707025	1688505	1693761	1696430	0.56	cps
Magnesium	24-2	383	383	350	372	5.17	cps
Manganese	55-2	250	213	287	250	14.67	cps

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:45:25	DataFile Name :	182CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2650	3301	4201	3384	23.01	cps
Molybdenum	95-1	3792	4543	6127	4820	24.72	cps
Molybdenum	96-1	4251	5260	6902	5471	24.46	cps
Molybdenum	97-1	2050	3050	3509	2870	25.99	cps
Molybdenum	98-1	5443	7269	10029	7580	30.46	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	200	223	218	7.24	cps
Phosphorus	31-2	150	158	150	153	3.15	cps
Potassium	39-2	44309	44075	43816	44067	0.56	cps
Rhodium	103-1	13224289	13040188	13067995	13110824	0.76	cps
Rhodium	103-2	6181267	6148225	6152726	6160739	0.29	cps
Scandium	45-1	8007116	8013035	8055801	8025317	0.33	cps
Scandium	45-2	364550	363936	364959	364481	0.14	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	111	117	139	122	12.03	cps
Selenium	82-1	-271	-113	27	-119	-125.25	cps
Silicon	28-1	408497	403845	405267	405870	0.59	cps
Silver	109-1	742	667	842	750	11.71	cps
Silver	107-1	817	783	867	822	5.10	cps
Sodium	23-2	32912	31951	31225	32029	2.64	cps
Strontium	86-1	5143	5068	5501	5237	4.42	cps
Strontium	88-1	767	775	775	772	0.62	cps
Sulfur	34-1	634882	639623	645793	640099	0.85	cps
Terbium	159-1	19046914	18990593	19059585	19032364	0.19	cps
Terbium	159-2	8762017	8698579	8767495	8742697	0.44	cps
Thallium	203-1	1242	1050	792	1028	21.97	cps
Thallium	205-1	2717	2542	2492	2584	4.57	cps
Tin	118-1	3951	4226	4718	4298	9.04	cps
Titanium	47-1	242	200	167	203	18.53	cps
Uranium	238-1	900	933	958	931	3.15	cps
Vanadium	51-2	80	90	67	79	14.84	cps
Yttrium	89-1	14073813	13949874	14155826	14059838	0.74	cps
Yttrium	89-2	1989355	1986866	1999312	1991845	0.33	cps
Zinc	66-2	213	177	190	193	9.60	cps
Zirconium	90-1	1950	1842	2100	1964	6.61	cps

Reviewed By:jaswal
On:5/9/2017 12:14:01 PM
Inst Id :P7
LB :LB87308

LB Number :	LB87308	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-05-05 21:45:25	DataFile Name :	182CCBE_P7050517 .D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	425	500	431	15.52	cps

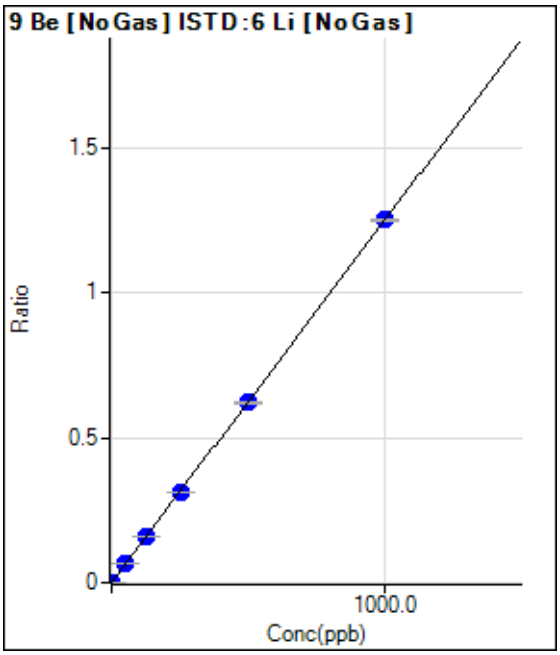
Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

Calibration for 009CALS.d

Batch Folder: D:\ICP-MS Data\P7050817-MS.b\
Analysis File: P7050817-MS.batch.bin
DA Date-Time: 2017-05-09 11:12:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-05-08 12:08:50
2			
3	004CALS.d	S02	2017-05-08 12:17:17
4	005CALS.d	S03	2017-05-08 12:20:56
5	006CALS.d	S04	2017-05-08 12:24:36
6	007CALS.d	S05	2017-05-08 12:28:14
7	008CALS.d	S06	2017-05-08 12:31:50
8	009CALS.d	S07	2017-05-08 12:35:22
9	010CALS.d	S08	2017-05-08 12:38:51

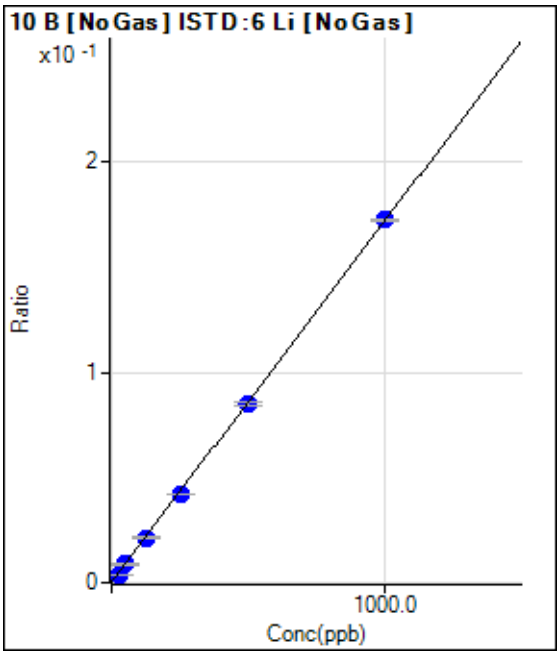
Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.41	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	0.841	2118.73	0.0011	P	0.8
4	☐	50.000	51.595	124747.24	0.0644	P	0.8
5	☐	125.000	126.182	305284.91	0.1575	P	0.2
6	☐	250.000	247.846	594548.68	0.3093	P	0.4
7	☐	500.000	496.737	1179027.69	0.6199	P	0.8
8	☐	1000.000	1001.943	2321953.58	1.2503	P	0.7
9	☐			940.79	0.0005	P	6.1

y = 0.0012 * x + 5.5465E-005
R = 1.0000
DL = 0.01914
BEC = 0.04445

Weight: <None>
Min Conc: 0

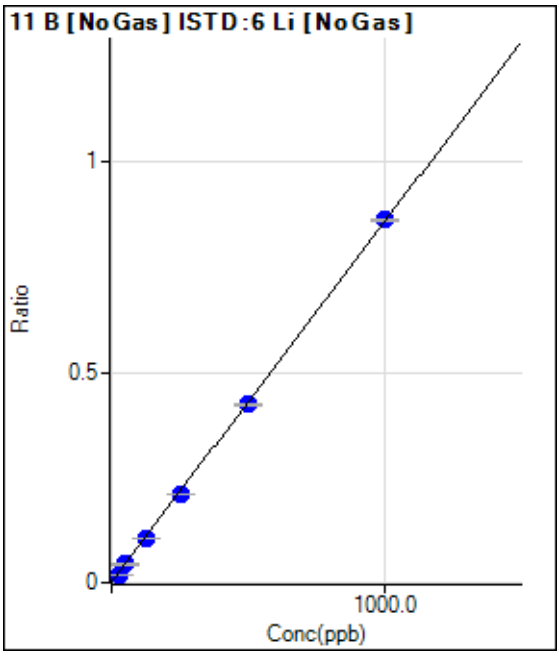


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.69	0.0002	P	10.1
2	☐	2.500					
3	☐	25.000	21.117	7329.85	0.0038	P	2.7
4	☐	50.000	49.464	16815.53	0.0087	P	3.7
5	☐	125.000	123.644	41494.03	0.0214	P	1.0
6	☐	250.000	242.557	80349.90	0.0418	P	0.6
7	☐	500.000	496.073	162202.58	0.0853	P	1.8
8	☐	1000.000	1004.118	320211.69	0.1724	P	0.8
9	☐			7185.36	0.0041	P	4.5

y = 1.7151E-004 * x + 2.0223E-004
R = 1.0000
DL = 0.3566
BEC = 1.179

Weight: <None>
Min Conc: 0

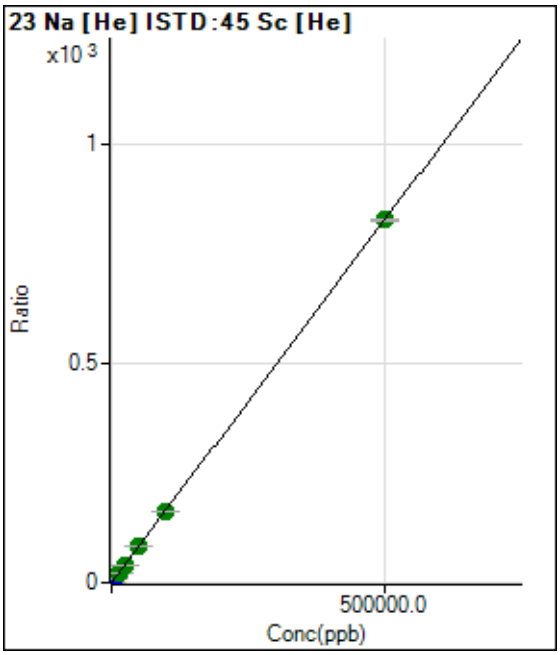
Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1780.74	0.0009	P	3.6
2	☐	2.500					
3	☐	25.000	20.727	35846.16	0.0187	P	1.5
4	☐	50.000	49.983	84792.94	0.0438	P	1.9
5	☐	125.000	123.740	207523.99	0.1071	P	0.5
6	☐	250.000	244.371	404699.24	0.2105	P	0.6
7	☐	500.000	493.168	806360.15	0.4240	P	1.4
8	☐	1000.000	1005.088	1602938.08	0.8631	P	0.3
9	☐			35105.62	0.0200	P	6.3

y = 8.5781E-004 * x + 9.2032E-004
R = 0.9999
DL = 0.1144
BEC = 1.073

Weight: <None>
Min Conc: 0

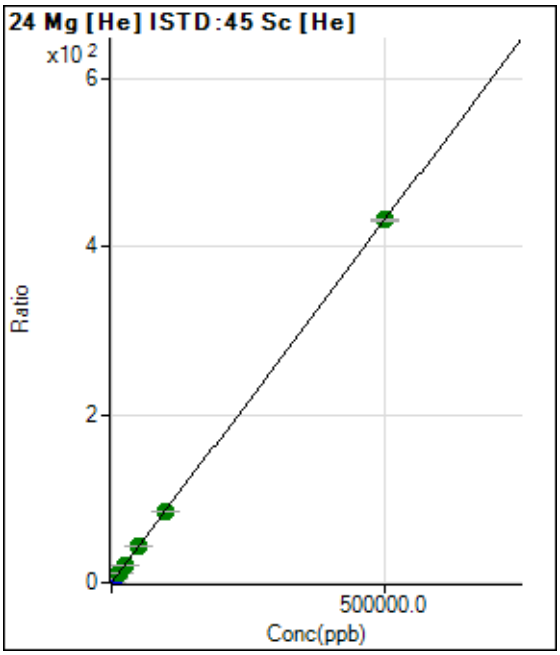


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20192.09	0.0506	P	0.8
2	☐	50.000					
3	☐	500.000	430.874	296027.74	0.7617	P	0.2
4	☐	5000.000	5106.706	3360309.84	8.4783	P	0.6
5	☐	12500.000	12554.336	8119877.53	20.7692	A	0.9
6	☐	25000.000	25111.104	16144045.67	41.4918	A	0.4
7	☐	50000.000	49814.113	32192156.28	82.2595	A	0.3
8	☐	100000.00	98369.774	64493134.08	162.3915	A	0.5
9	☐	500000.00	500336.72	334882890.82	825.7628	A	0.3

y = 0.0017 * x + 0.0506
R = 1.0000
DL = 0.6977
BEC = 30.66

Weight: <None>
Min Conc: 0

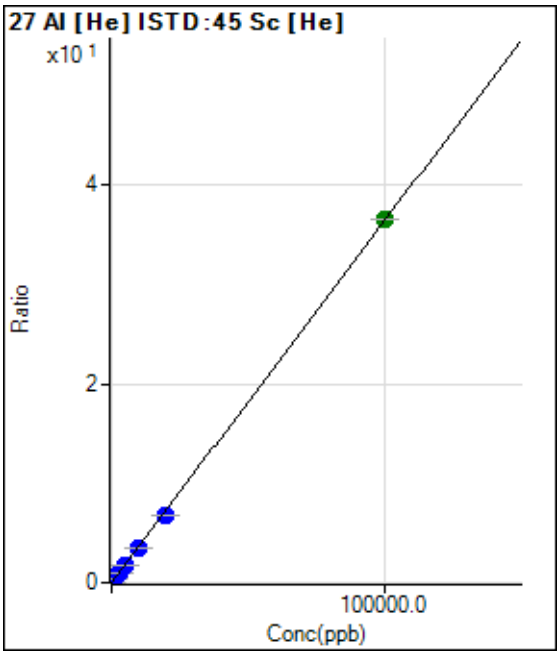
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0006	P	10.5
2	☐	50.000					
3	☐	500.000	423.698	142379.24	0.3663	P	1.1
4	☐	5000.000	5114.611	1750258.61	4.4159	P	0.3
5	☐	12500.000	12611.120	4256765.55	10.8876	A	0.7
6	☐	25000.000	24938.657	8377016.85	21.5298	A	0.4
7	☐	50000.000	49642.012	16771627.81	42.8559	A	0.7
8	☐	100000.00	97218.999	33331894.49	83.9286	A	0.5
9	☐	500000.00	500591.21	175257148.36	432.1549	A	0.5

y = 8.6329E-004 * x + 5.6410E-004
R = 1.0000
DL = 0.2064
BEC = 0.6534

Weight: <None>
Min Conc: 0

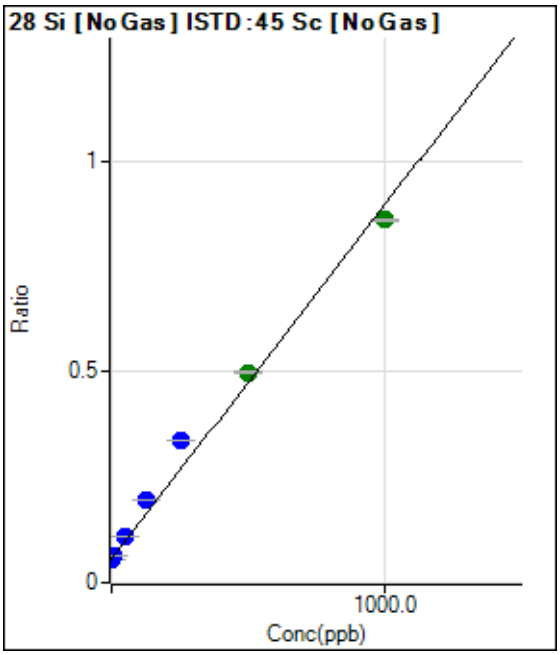


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0001	P	39.3
2	☐	2.000					
3	☐	20.000	16.498	2372.52	0.0061	P	2.8
4	☐	1000.000	974.795	140543.04	0.3546	P	1.3
5	☐	2500.000	2407.801	342374.88	0.8757	P	0.3
6	☐	5000.000	4759.243	673444.07	1.7308	P	0.2
7	☐	10000.000	9511.001	1353571.09	3.4587	P	0.4
8	☐	20000.000	18742.991	2706926.88	6.8159	P	0.3
9	☐	100000.00	100314.89	14794069.25	36.4791	A	0.1

y = 3.6364E-004 * x + 1.0421E-004
R = 0.9999
DL = 0.3378
BEC = 0.2866

Weight: <None>
Min Conc: 0

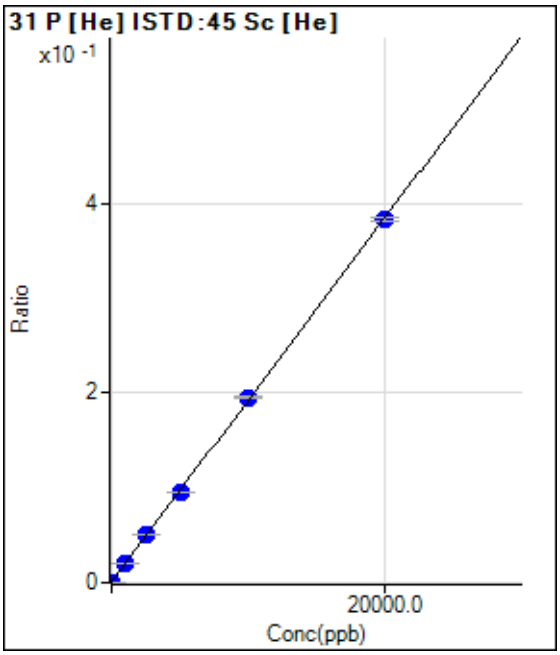
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	450744.52	0.0557	P	0.3
2	☐	1.000					
3	☐	10.000	9.603	518232.00	0.0638	P	0.4
4	☐	50.000	65.938	912161.67	0.1111	P	0.7
5	☐	125.000	167.851	1606337.82	0.1967	P	0.4
6	☐	250.000	336.459	2747424.48	0.3383	P	0.0
7	☐	500.000	527.360	4028408.08	0.4986	A	1.0
8	☐	1000.000	958.556	7001667.43	0.8608	A	0.4
9	☐			1075231.55	0.1338	P	2.9

y = 8.3991E-004 * x + 0.0557
R = 0.9946
DL = 0.5575
BEC = 66.33

Weight: <None>
Min Conc: 0

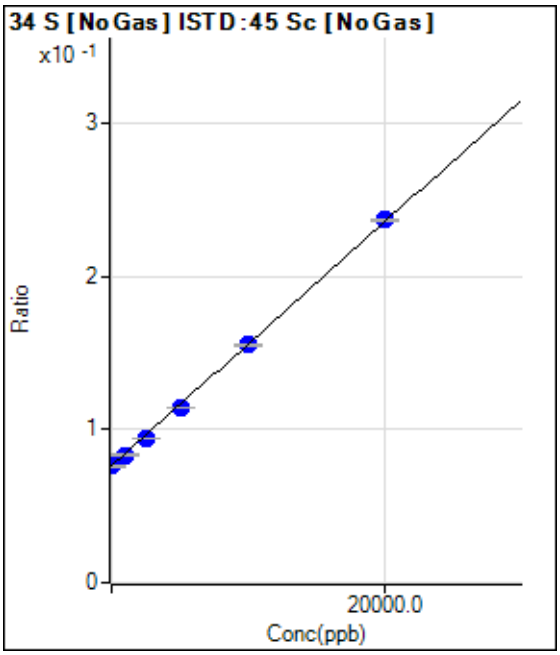


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.340	369.47	0.0009	P	4.9
2	☐	0.000					
3	☐	0.000	-2.340	325.02	0.0008	P	5.4
4	☐	1000.000	1040.131	8241.51	0.0208	P	3.6
5	☐	2500.000	2574.900	19619.16	0.0502	P	1.1
6	☐	5000.000	4955.188	37258.72	0.0958	P	0.6
7	☐	10000.000	10161.871	76490.52	0.1955	P	0.2
8	☐	20000.000	19918.898	151821.07	0.3823	P	0.9
9	☐			419.47	0.0010	P	19.5

y = 1.9147E-005 * x + 8.8069E-004
R = 0.9999
DL = 7.125
BEC = 46

Weight: <None>
Min Conc: 0

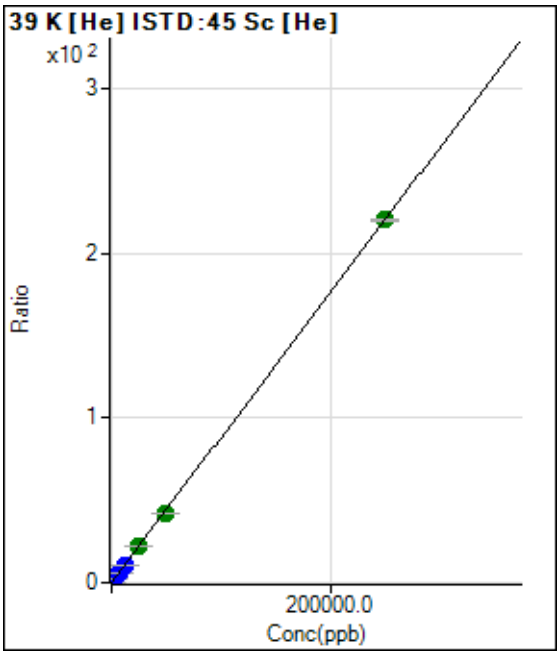
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	32.044	621146.80	0.0768	P	1.1
2	☐	0.000					
3	☐	0.000	-32.044	619706.16	0.0763	P	0.7
4	☐	1000.000	873.602	685430.58	0.0835	P	0.9
5	☐	2500.000	2270.097	772638.55	0.0946	P	0.1
6	☐	5000.000	4687.940	924760.32	0.1139	P	0.2
7	☐	10000.000	9920.312	1256754.11	0.1556	P	0.8
8	☐	20000.000	20152.917	1928484.31	0.2371	P	0.3
9	☐			591131.48	0.0736	P	0.6

y = 7.9679E-006 * x + 0.0765
R = 0.9998
DL = 257
BEC = 9603

Weight: <None>
Min Conc: 0

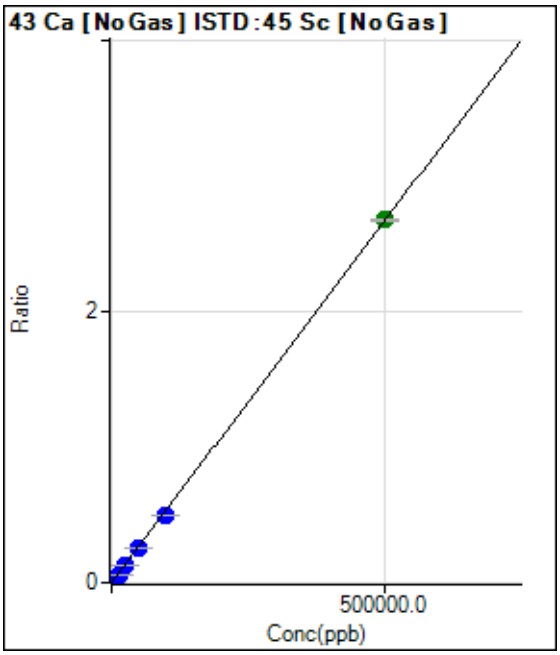


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44648.66	0.1119	P	1.9
2	☐	50.000					
3	☐	500.000	413.603	184891.28	0.4758	P	1.4
4	☐	2500.000	2466.725	904556.28	2.2822	P	0.3
5	☐	6250.000	6050.215	2124996.68	5.4350	P	0.1
6	☐	12500.000	12107.477	4188378.31	10.7644	P	0.1
7	☐	25000.000	24462.784	8466826.84	21.6350	A	0.1
8	☐	50000.000	48163.057	16873851.77	42.4872	A	0.1
9	☐	250000.00	250446.23	89409202.69	220.4623	A	0.4

y = 8.7983E-004 * x + 0.1119
R = 1.0000
DL = 7.33
BEC = 127.2

Weight: <None>
Min Conc: 0

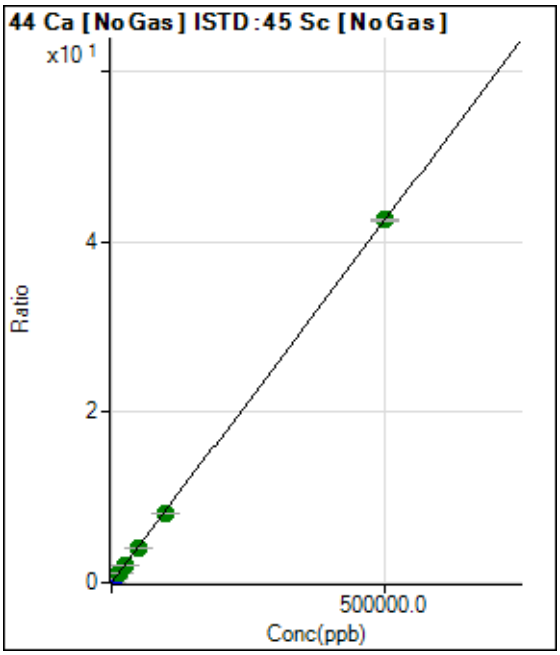
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	325.02	0.0000	P	16.7
2	☐	50.000					
3	☐	500.000	395.514	17480.45	0.0022	P	1.7
4	☐	5000.000	4818.988	211526.79	0.0258	P	0.7
5	☐	12500.000	11736.025	511903.82	0.0627	P	0.8
6	☐	25000.000	23292.936	1010003.20	0.1244	P	0.4
7	☐	50000.000	46838.750	2020109.61	0.2500	P	0.3
8	☐	100000.00	93507.009	4059905.13	0.4991	P	0.1
9	☐	500000.00	501721.09	21518937.11	2.6780	A	0.4

y = 5.3375E-006 * x + 4.0198E-005
R = 0.9999
DL = 3.764
BEC = 7.531

Weight: <None>
Min Conc: 0

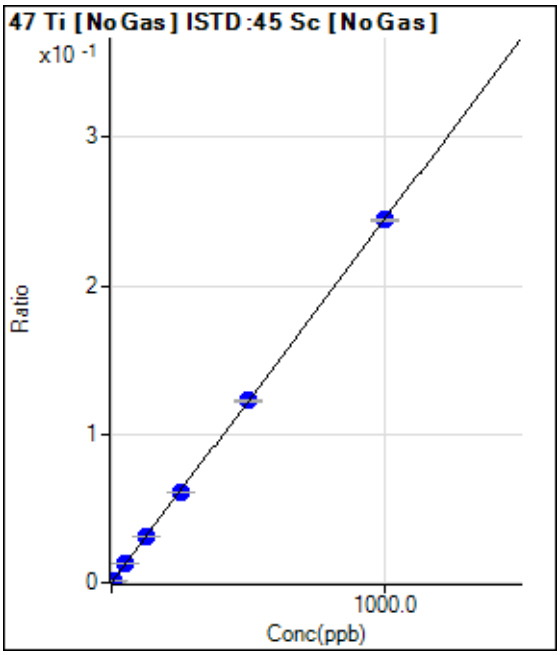


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13926.66	0.0017	P	1.6
2	☐	50.000					
3	☐	500.000	407.024	294709.18	0.0363	P	0.3
4	☐	5000.000	4887.234	3420052.64	0.4165	P	0.5
5	☐	12500.000	12008.849	8338123.28	1.0210	A	0.9
6	☐	25000.000	23948.651	16521116.17	2.0343	A	0.8
7	☐	50000.000	48029.211	32946712.20	4.0781	A	0.7
8	☐	100000.00	96007.634	66293784.82	8.1503	A	0.1
9	☐	500000.00	501061.61	341740363.19	42.5287	A	0.4

y = 8.4874E-005 * x + 0.0017
R = 1.0000
DL = 1.002
BEC = 20.28

Weight: <None>
Min Conc: 0

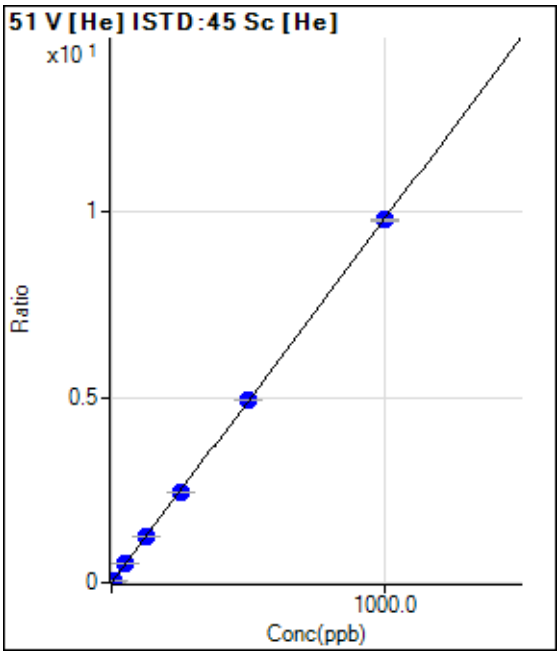
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	7.0
2	☐	0.500					
3	☐	5.000	4.196	8463.94	0.0010	P	2.1
4	☐	50.000	51.136	102811.95	0.0125	P	0.1
5	☐	125.000	125.674	251129.29	0.0307	P	0.4
6	☐	250.000	248.812	494280.13	0.0609	P	1.1
7	☐	500.000	501.532	991016.49	0.1227	P	0.8
8	☐	1000.000	999.394	1988114.97	0.2444	P	0.3
9	☐			3098.14	0.0004	P	8.7

y = 2.4456E-004 * x + 1.5452E-005
R = 1.0000
DL = 0.01331
BEC = 0.06319

Weight: <None>
Min Conc: 0

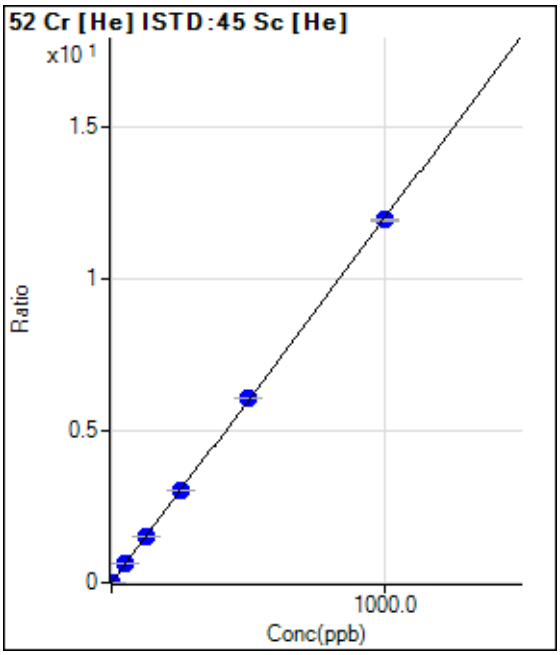


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0001	P	49.3
2	☐	0.500					
3	☐	5.000	4.248	16234.68	0.0418	P	2.2
4	☐	50.000	51.293	199641.65	0.5037	P	0.3
5	☐	125.000	124.626	478450.88	1.2237	P	0.3
6	☐	250.000	250.180	955805.46	2.4565	P	0.5
7	☐	500.000	504.041	1936836.41	4.9491	P	0.2
8	☐	1000.000	997.920	3891418.38	9.7984	P	0.4
9	☐			2174.64	0.0054	P	1.9

y = 0.0098 * x + 6.6653E-005
R = 1.0000
DL = 0.01005
BEC = 0.006788

Weight: <None>
Min Conc: 0

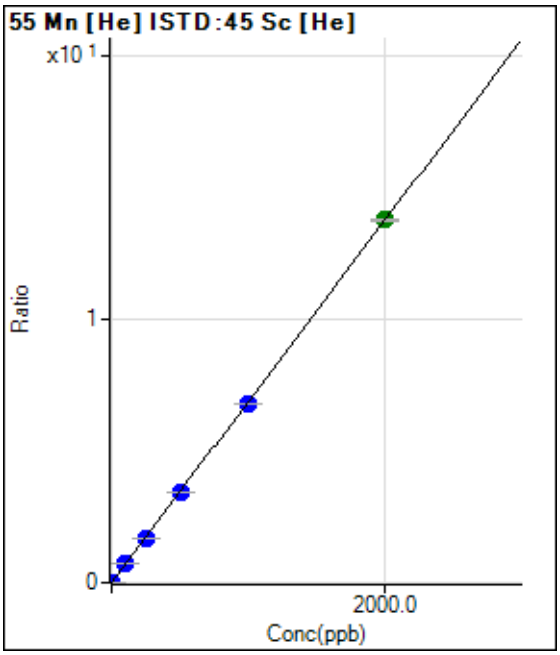
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1431.21	0.0036	P	2.3
2	☐	0.200					
3	☐	2.000	1.826	9882.35	0.0254	P	2.5
4	☐	50.000	51.936	247669.40	0.6249	P	0.3
5	☐	125.000	127.051	595642.64	1.5234	P	0.1
6	☐	250.000	253.294	1180393.54	3.0336	P	0.3
7	☐	500.000	505.372	2367319.84	6.0491	P	0.1
8	☐	1000.000	996.138	4733967.15	11.9200	P	0.5
9	☐			101797.12	0.2510	P	0.5

y = 0.0120 * x + 0.0036
R = 1.0000
DL = 0.02031
BEC = 0.2998

Weight: <None>
Min Conc: 0

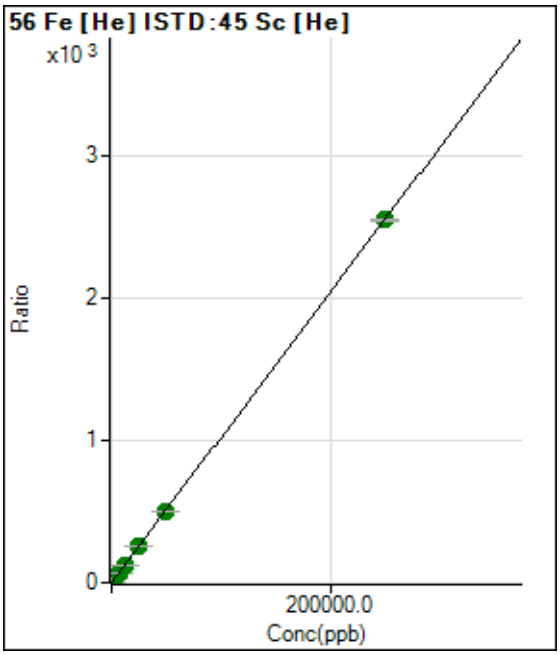


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.78	0.0003	P	7.0
2	☐	0.100					
3	☐	1.000	0.922	2591.38	0.0067	P	3.5
4	☐	100.000	101.849	276918.88	0.6987	P	0.4
5	☐	250.000	248.530	666372.82	1.7044	P	0.4
6	☐	500.000	495.646	1322445.18	3.3988	P	0.1
7	☐	1000.000	991.585	2660843.50	6.7992	P	0.2
8	☐	2000.000	2005.387	5460916.24	13.7503	A	0.6
9	☐			19711.15	0.0486	P	1.9

y = 0.0069 * x + 3.4516E-004
R = 1.0000
DL = 0.01051
BEC = 0.05034

Weight: <None>
Min Conc: 0

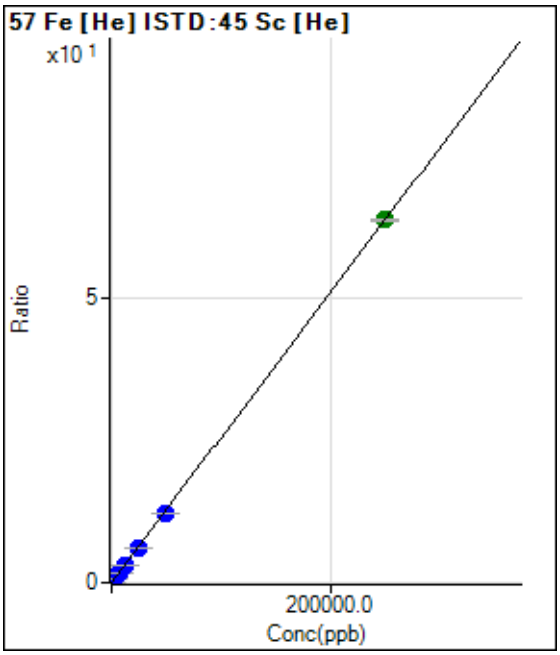
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LB :LB87344



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6974.08	0.0175	P	7.5
2	☐	5.000					
3	☐	50.000	42.753	176087.39	0.4531	P	0.9
4	☐	2500.000	2571.537	10392279.05	26.2195	A	0.3
5	☐	6250.000	6297.161	25093302.87	64.1808	A	0.1
6	☐	12500.000	12514.756	49623139.07	127.5334	A	0.6
7	☐	25000.000	25076.805	100001713.35	255.5312	A	0.5
8	☐	50000.000	49118.598	198771167.41	500.4989	A	0.5
9	☐	250000.00	250165.96	1033762519.4	2,549.019	A	0.2

y = 0.0102 * x + 0.0175
R = 1.0000
DL = 0.3845
BEC = 1.715

Weight: <None>
Min Conc: 0

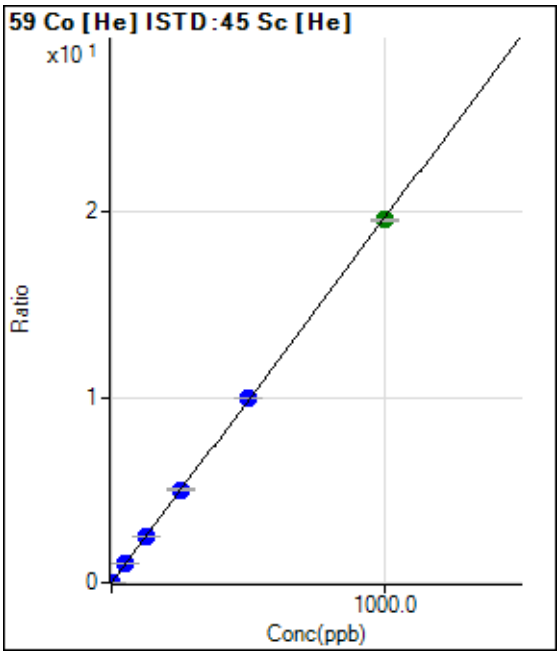


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	174.08	0.0004	P	25.5
2	☐	5.000					
3	☐	50.000	42.292	4343.35	0.0112	P	2.1
4	☐	2500.000	2490.283	250767.42	0.6327	P	0.7
5	☐	6250.000	6112.124	606884.28	1.5523	P	0.5
6	☐	12500.000	12151.113	1200544.93	3.0855	P	0.3
7	☐	25000.000	24303.741	2414998.32	6.1710	P	0.3
8	☐	50000.000	47847.641	4824795.59	12.1486	P	0.2
9	☐	250000.00	250521.08	25795728.82	63.6057	A	0.5

y = 2.5389E-004 * x + 4.3602E-004
R = 1.0000
DL = 1.314
BEC = 1.717

Weight: <None>
Min Conc: 0

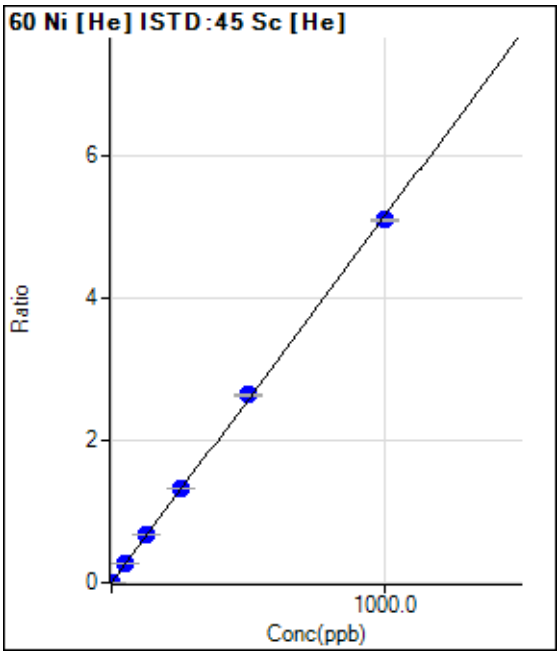
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.11	0.0005	P	5.1
2	☐	0.100					
3	☐	1.000	0.871	6843.93	0.0176	P	2.4
4	☐	50.000	52.523	409732.05	1.0338	P	0.4
5	☐	125.000	128.144	985845.23	2.5215	P	0.2
6	☐	250.000	254.989	1952008.81	5.0169	P	0.6
7	☐	500.000	506.205	3897484.49	9.9591	P	0.4
8	☐	1000.000	995.131	7775359.68	19.5778	A	0.3
9	☐			11572.51	0.0285	P	0.6

y = 0.0197 * x + 4.7897E-004
R = 1.0000
DL = 0.003728
BEC = 0.02435

Weight: <None>
Min Conc: 0

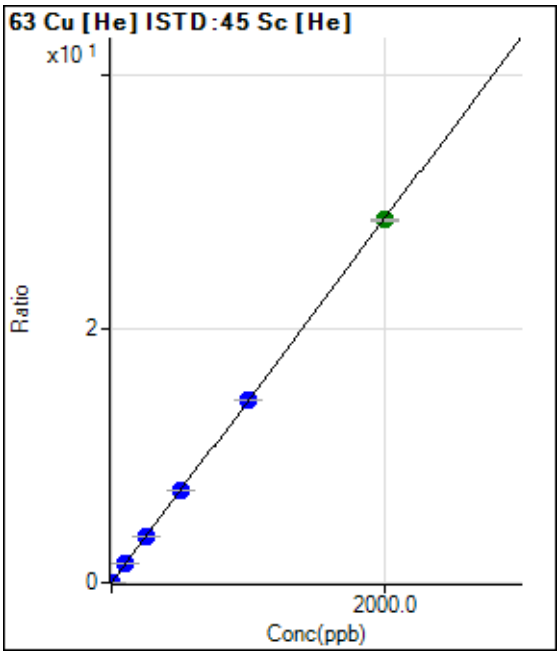


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.34	0.0007	P	8.2
2	☐	0.100					
3	☐	1.000	0.959	2197.98	0.0057	P	5.5
4	☐	50.000	54.005	110585.19	0.2790	P	0.8
5	☐	125.000	130.872	263964.34	0.6751	P	0.2
6	☐	250.000	258.601	518796.01	1.3333	P	0.3
7	☐	500.000	512.589	1034028.02	2.6422	P	0.3
8	☐	1000.000	990.621	2027717.02	5.1056	P	0.4
9	☐			26524.17	0.0654	P	0.9

y = 0.0052 * x + 7.1015E-004
R = 0.9998
DL = 0.03391
BEC = 0.1378

Weight: <None>
Min Conc: 0

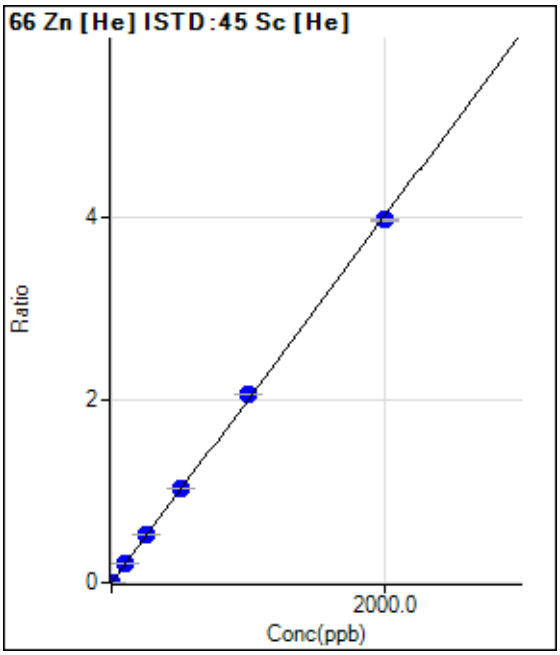
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4909.79	0.0123	P	4.0
2	☐	0.200					
3	☐	2.000	2.208	17055.70	0.0439	P	2.9
4	☐	100.000	105.616	603742.80	1.5233	P	0.2
5	☐	250.000	256.281	1438239.13	3.6787	P	0.7
6	☐	500.000	509.148	2838887.18	7.2962	P	0.4
7	☐	1000.000	1004.911	5630995.75	14.3887	P	0.1
8	☐	2000.000	1994.191	11335046.22	28.5415	A	0.8
9	☐			21350.25	0.0526	P	1.5

y = 0.0143 * x + 0.0123
R = 1.0000
DL = 0.1034
BEC = 0.8597

Weight: <None>
Min Conc: 0

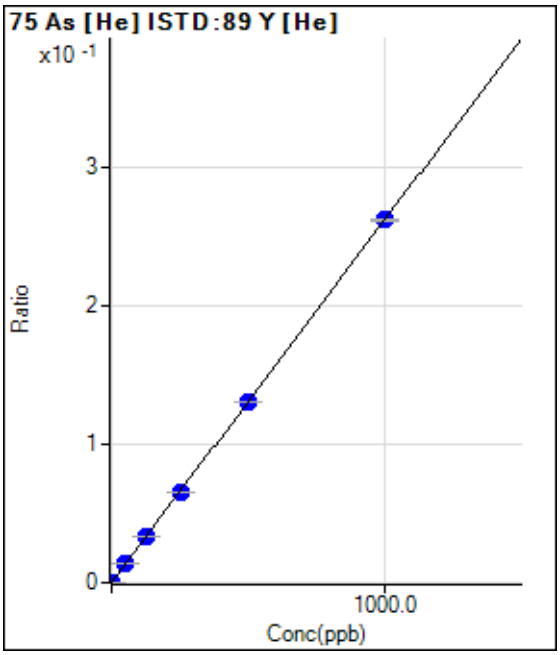


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0003	P	16.3
2	☐	0.200					
3	☐	2.000	1.989	1660.12	0.0043	P	4.2
4	☐	100.000	107.478	85349.72	0.2153	P	0.8
5	☐	250.000	260.222	203678.82	0.5210	P	0.7
6	☐	500.000	516.764	402432.72	1.0343	P	0.3
7	☐	1000.000	1026.414	803840.15	2.0540	P	0.1
8	☐	2000.000	1980.950	1574269.49	3.9639	P	0.4
9	☐			15539.58	0.0383	P	0.8

y = 0.0020 * x + 2.8936E-004
R = 0.9998
DL = 0.07085
BEC = 0.1446

Weight: <None>
Min Conc: 0

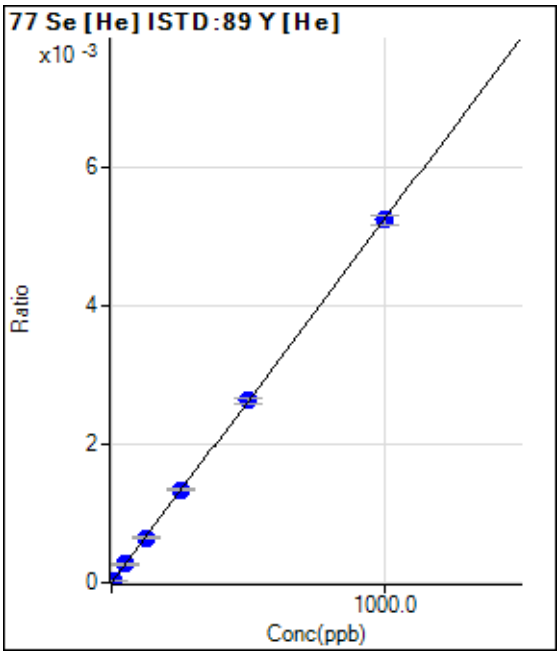
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.27	0.0000	P	5.5
2	☐	0.100					
3	☐	1.000	0.813	490.75	0.0002	P	7.0
4	☐	50.000	50.780	28892.92	0.0133	P	0.5
5	☐	125.000	125.247	69900.79	0.0329	P	0.2
6	☐	250.000	249.124	139244.51	0.0654	P	0.3
7	☐	500.000	498.989	280539.04	0.1309	P	0.4
8	☐	1000.000	1000.655	561636.12	0.2625	P	0.4
9	☐			980.91	0.0005	P	13.8

y = 2.6236E-004 * x + 1.7624E-005
R = 1.0000
DL = 0.01104
BEC = 0.06718

Weight: <None>
Min Conc: 0

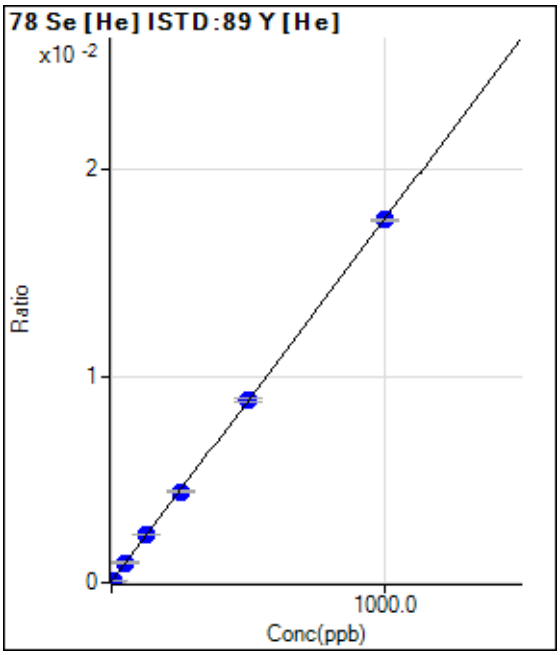


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.487	61.11	0.0000	P	13.0
4	☐	50.000	50.811	576.69	0.0003	P	9.5
5	☐	125.000	124.093	1383.42	0.0007	P	3.5
6	☐	250.000	255.519	2852.56	0.0013	P	2.2
7	☐	500.000	500.687	5623.40	0.0026	P	3.7
8	☐	1000.000	998.347	11194.48	0.0052	P	2.5
9	☐			28.89	0.0000	P	26.5

y = 5.2415E-006 * x + 0.0000E+000
R = 1.0000
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

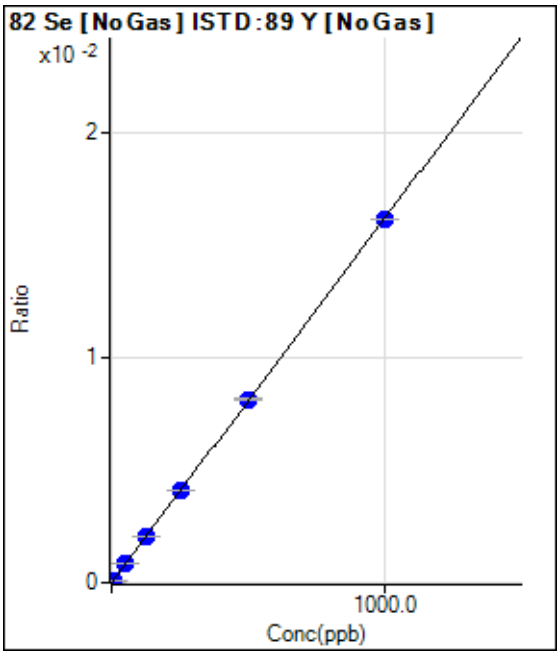
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.50	0.0001	P	21.1
2	☐	0.500					
3	☐	5.000	4.019	258.03	0.0001	P	4.4
4	☐	50.000	51.157	2055.10	0.0009	P	6.3
5	☐	125.000	128.581	4907.05	0.0023	P	0.0
6	☐	250.000	248.052	9382.73	0.0044	P	1.2
7	☐	500.000	502.758	19018.71	0.0089	P	1.9
8	☐	1000.000	998.608	37606.63	0.0176	P	0.5
9	☐			196.30	0.0001	P	8.8

y = 1.7553E-005 * x + 5.0894E-005
R = 1.0000
DL = 1.837
BEC = 2.899

Weight: <None>
Min Conc: 0

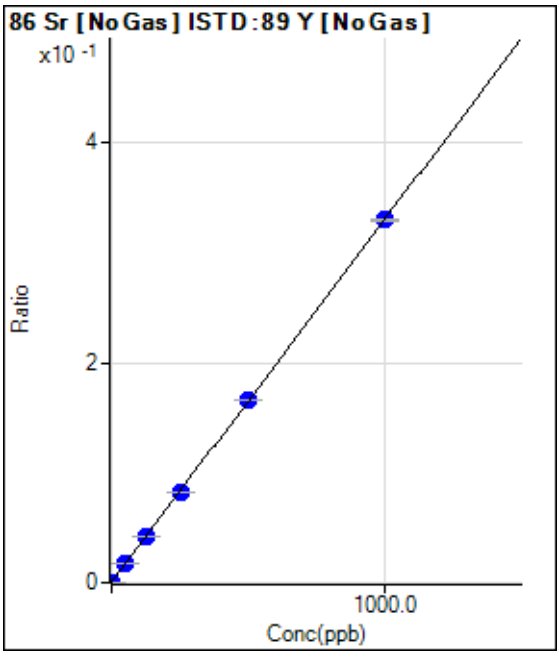


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-198.33	0.0000	P	-12.
2	☐	0.500					
3	☐	5.000	5.352	1059.57	0.0001	P	13.0
4	☐	50.000	52.078	12120.65	0.0008	P	2.1
5	☐	125.000	127.097	29783.42	0.0020	P	0.9
6	☐	250.000	252.244	59117.54	0.0041	P	0.8
7	☐	500.000	503.509	118175.30	0.0081	P	0.5
8	☐	1000.000	997.317	234609.00	0.0161	P	0.1
9	☐			325.39	0.0000	P	45.3

y = 1.6160E-005 * x - 1.3743E-005
R = 1.0000
DL = 0.3226
BEC = -0.8505

Weight: <None>
Min Conc: 0

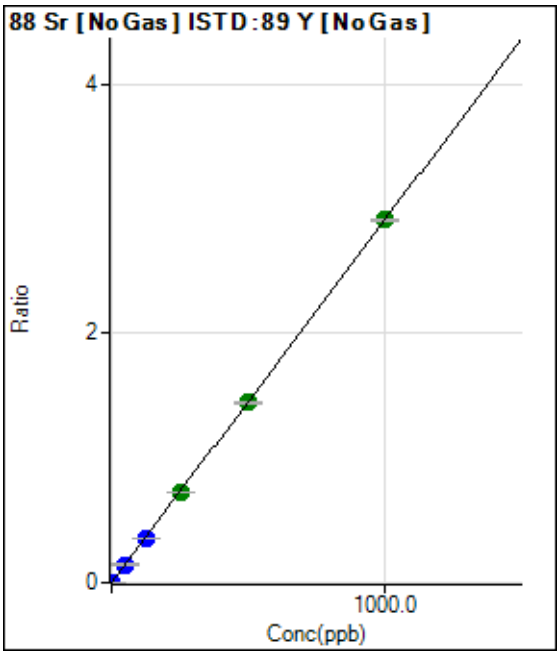
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5615.26	0.0004	P	1.5
2	☐	0.100					
3	☐	1.000	0.857	9778.75	0.0007	P	2.9
4	☐	50.000	51.433	253887.94	0.0173	P	0.4
5	☐	125.000	124.662	605441.53	0.0415	P	0.4
6	☐	250.000	248.922	1199386.23	0.0824	P	0.1
7	☐	500.000	501.016	2407695.13	0.1655	P	0.3
8	☐	1000.000	999.732	4805723.07	0.3298	P	0.3
9	☐			164644.90	0.0118	P	0.5

y = 3.2954E-004 * x + 3.8886E-004
R = 1.0000
DL = 0.0531
BEC = 1.18

Weight: <None>
Min Conc: 0

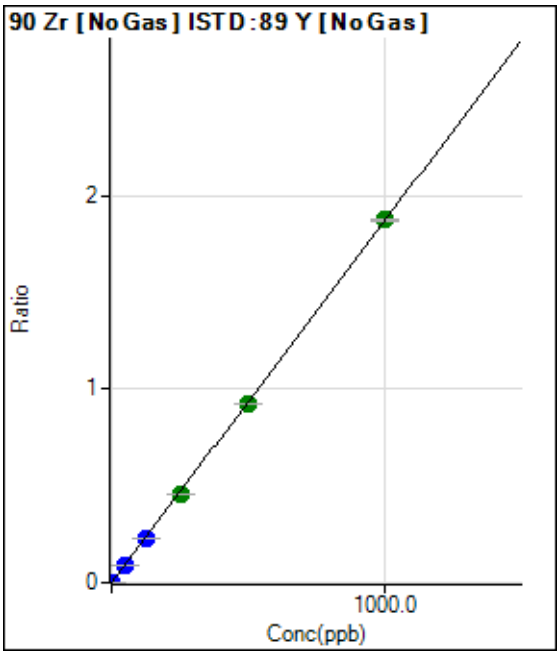


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.02	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.862	36901.09	0.0025	P	2.0
4	☐	50.000	50.378	2144091.67	0.1464	P	0.6
5	☐	125.000	124.231	5270981.93	0.3610	P	0.7
6	☐	250.000	248.617	10513849.63	0.7225	A	0.4
7	☐	500.000	497.828	21047579.99	1.4467	A	0.7
8	☐	1000.000	1001.509	42402833.59	2.9103	A	0.2
9	☐			1390709.14	0.0996	P	0.5

y = 0.0029 * x + 2.9423E-005
R = 1.0000
DL = 0.0029
BEC = 0.01013

Weight: <None>
Min Conc: 0

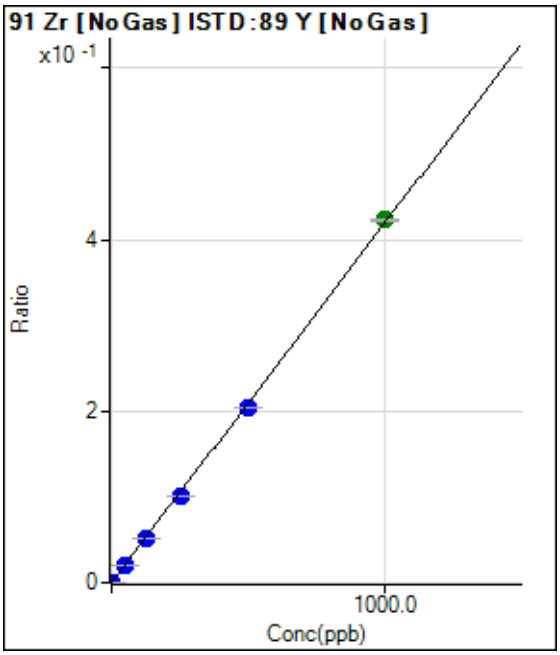
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1614.06	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	0.741	21792.35	0.0015	P	1.0
4	☐	50.000	49.288	1349105.00	0.0921	P	0.4
5	☐	125.000	123.012	3354626.12	0.2298	P	0.1
6	☐	250.000	245.954	6683988.34	0.4593	A	0.7
7	☐	500.000	495.822	13469570.61	0.9258	A	0.6
8	☐	1000.000	1003.385	27295560.68	1.8734	A	0.7
9	☐			19828.43	0.0014	P	3.4

y = 0.0019 * x + 1.1182E-004
R = 1.0000
DL = 0.01154
BEC = 0.05989

Weight: <None>
Min Conc: 0

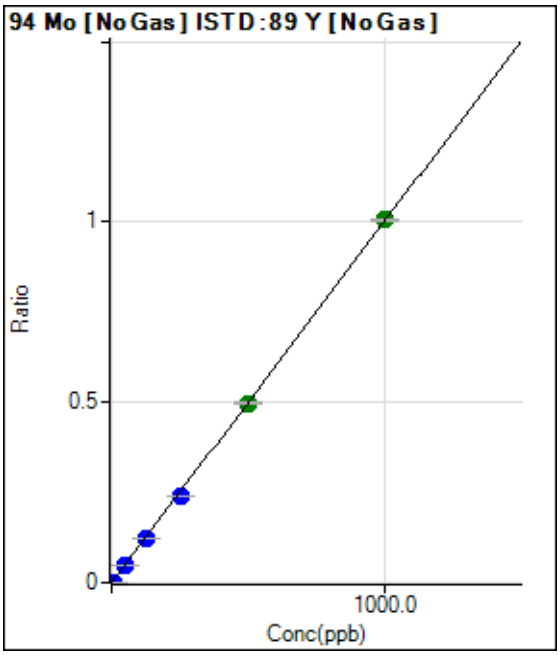


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.91	0.0000	P	18.6
2	☐	0.100					
3	☐	1.000	0.804	5245.62	0.0004	P	1.4
4	☐	50.000	48.803	299540.05	0.0205	P	1.0
5	☐	125.000	121.435	742579.20	0.0509	P	0.8
6	☐	250.000	240.218	1463889.03	0.1006	P	0.3
7	☐	500.000	485.606	2958156.08	0.2033	P	0.2
8	☐	1000.000	1010.148	6162098.66	0.4229	A	0.8
9	☐			4570.37	0.0003	P	2.2

y = 4.1867E-004 * x + 2.3492E-005
R = 0.9998
DL = 0.03123
BEC = 0.05611

Weight: <None>
Min Conc: 0

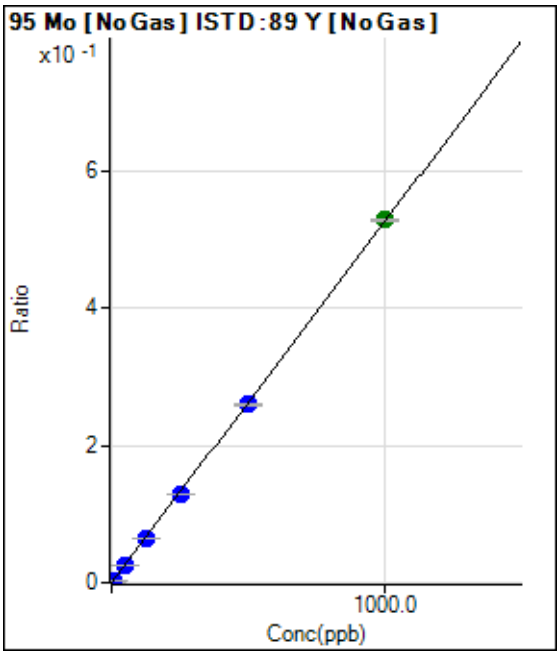
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	836.17	0.0001	P	20.3
2	☐	0.500					
3	☐	5.000	1.710	25790.95	0.0018	P	2.3
4	☐	50.000	48.666	714633.06	0.0488	P	0.5
5	☐	125.000	120.602	1764425.80	0.1209	P	0.4
6	☐	250.000	240.199	3501994.78	0.2407	P	0.2
7	☐	500.000	497.504	7250663.44	0.4984	A	0.4
8	☐	1000.000	1004.331	14657612.48	1.0060	A	0.7
9	☐			31001.44	0.0022	P	7.3

y = 0.0010 * x + 5.7968E-005
R = 0.9999
DL = 0.03525
BEC = 0.05787

Weight: <None>
Min Conc: 0

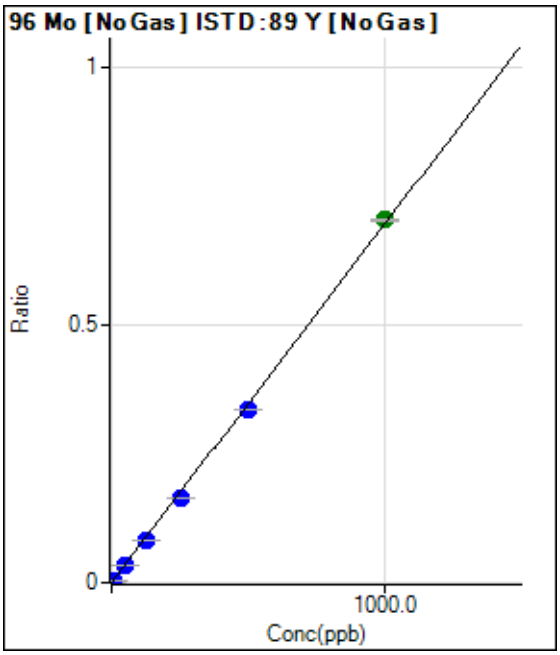


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	616.71	0.0000	P	19.5
2	☐	0.500					
3	☐	5.000	4.015	31385.57	0.0022	P	1.3
4	☐	50.000	49.978	385497.70	0.0263	P	1.9
5	☐	125.000	122.335	939960.39	0.0644	P	0.7
6	☐	250.000	244.096	1868848.70	0.1284	P	0.5
7	☐	500.000	493.118	3773810.54	0.2594	P	0.8
8	☐	1000.000	1005.256	7703748.44	0.5288	A	0.3
9	☐			41943.45	0.0030	P	9.4

y = 5.2595E-004 * x + 4.2747E-005
R = 0.9999
DL = 0.04763
BEC = 0.08128

Weight: <None>
Min Conc: 0

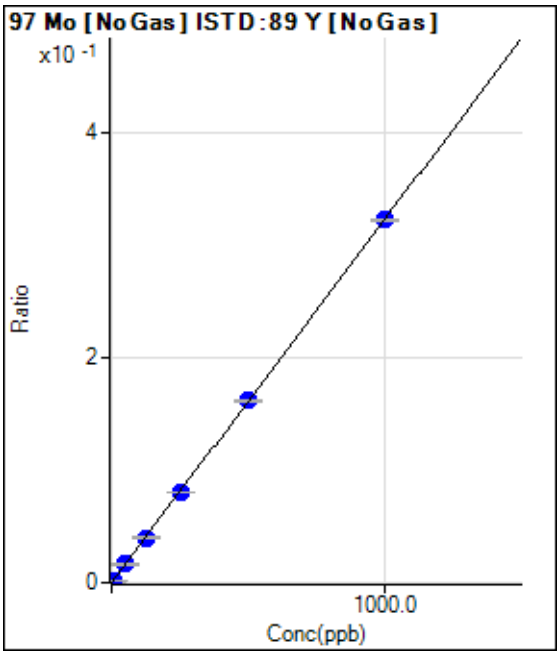
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	863.95	0.0001	P	18.3
2	☐	0.500					
3	☐	5.000	3.422	35486.88	0.0024	P	0.3
4	☐	50.000	48.685	495947.66	0.0339	P	1.0
5	☐	125.000	120.019	1217732.11	0.0834	P	0.4
6	☐	250.000	237.688	2402950.66	0.1651	P	0.9
7	☐	500.000	482.528	4876011.96	0.3352	P	0.5
8	☐	1000.000	1012.510	10245657.78	0.7032	A	0.8
9	☐			51800.85	0.0037	P	5.9

y = 6.9447E-004 * x + 5.9886E-005
R = 0.9997
DL = 0.04732
BEC = 0.08623

Weight: <None>
Min Conc: 0

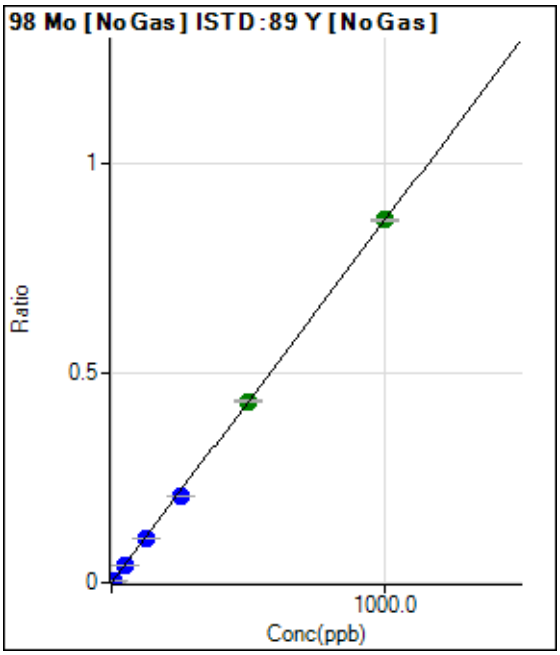


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.36	0.0000	P	4.0
2	☐	0.500					
3	☐	5.000	4.048	19502.92	0.0013	P	1.3
4	☐	50.000	50.552	239458.64	0.0164	P	1.8
5	☐	125.000	124.290	586359.84	0.0402	P	0.4
6	☐	250.000	247.726	1164430.96	0.0800	P	0.6
7	☐	500.000	501.629	2356779.26	0.1620	P	0.6
8	☐	1000.000	999.820	4703873.85	0.3229	P	0.5
9	☐			25924.64	0.0019	P	10.5

y = 3.2288E-004 * x + 3.1747E-005
R = 1.0000
DL = 0.01179
BEC = 0.09832

Weight: <None>
Min Conc: 0

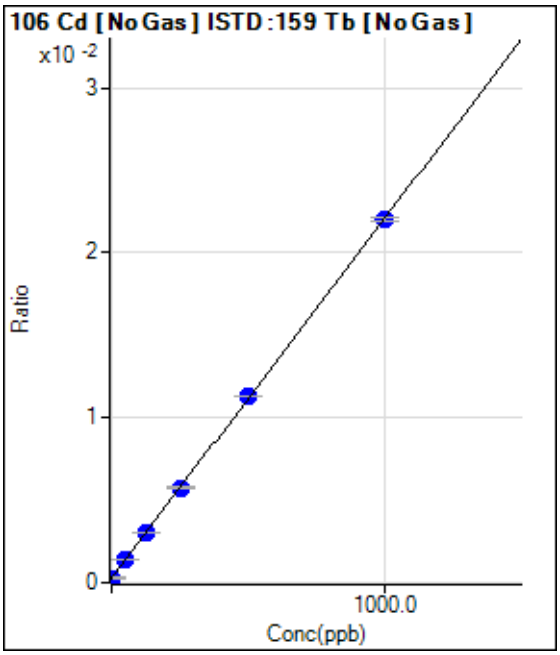
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	916.74	0.0001	P	14.2
2	☐	0.500					
3	☐	5.000	3.913	50228.61	0.0034	P	0.8
4	☐	50.000	48.504	615169.85	0.0420	P	1.2
5	☐	125.000	120.120	1517595.41	0.1040	P	0.7
6	☐	250.000	240.326	3025598.68	0.2079	P	0.7
7	☐	500.000	501.571	6311777.83	0.4339	A	0.7
8	☐	1000.000	1002.323	12630968.43	0.8669	A	0.8
9	☐			67017.40	0.0048	P	9.7

y = 8.6487E-004 * x + 6.3530E-005
R = 0.9999
DL = 0.03134
BEC = 0.07346

Weight: <None>
Min Conc: 0

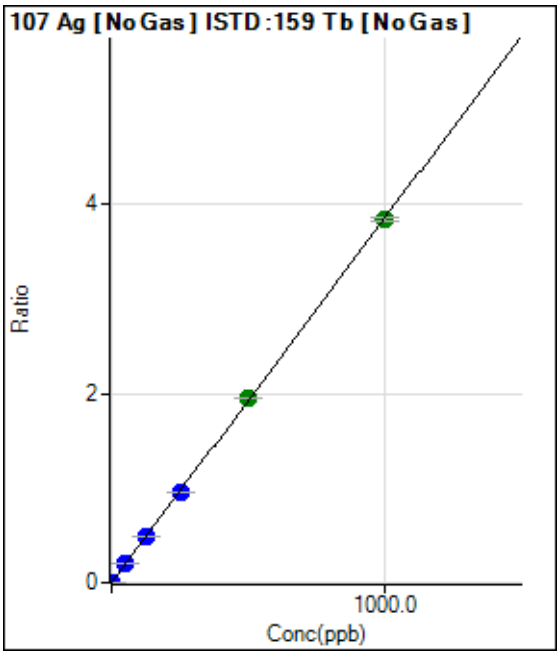


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5670.84	0.0003	P	0.7
2	☐	0.100					
3	☐	1.000	0.230	5823.67	0.0003	P	1.9
4	☐	50.000	52.704	28977.75	0.0014	P	0.7
5	☐	125.000	128.375	62564.03	0.0031	P	0.6
6	☐	250.000	251.642	116629.76	0.0058	P	0.9
7	☐	500.000	504.353	228416.33	0.0113	P	0.3
8	☐	1000.000	996.857	445854.74	0.0220	P	0.9
9	☐			5662.51	0.0003	P	1.1

y = 2.1775E-005 * x + 2.8493E-004
R = 1.0000
DL = 0.2676
BEC = 13.09

Weight: <None>
Min Conc: 0

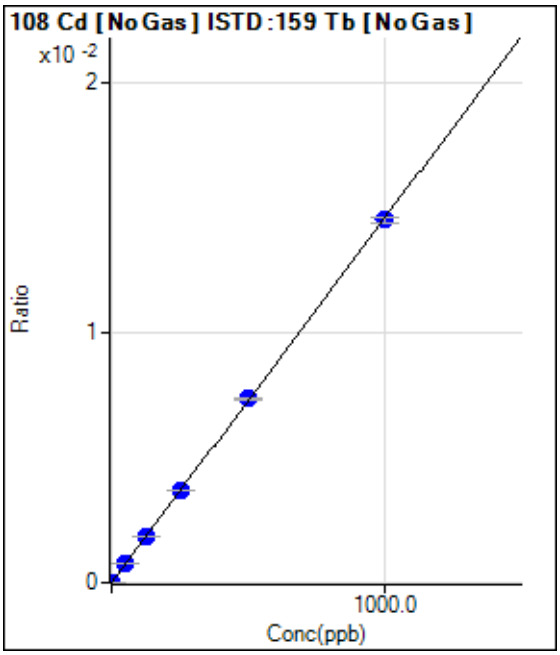
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	530.58	0.0000	P	11.3
2	☐	0.100					
3	☐	1.000	1.139	88549.75	0.0044	P	1.6
4	☐	50.000	52.100	4054775.33	0.2005	P	0.5
5	☐	125.000	126.176	9859802.23	0.4854	P	0.4
6	☐	250.000	248.575	19348222.35	0.9563	P	0.8
7	☐	500.000	507.690	39596067.20	1.9532	A	0.7
8	☐	1000.000	996.259	77702632.99	3.8328	A	1.2
9	☐			18453.87	0.0010	P	1.6

y = 0.0038 * x + 2.6649E-005
R = 1.0000
DL = 0.002356
BEC = 0.006927

Weight: <None>
Min Conc: 0

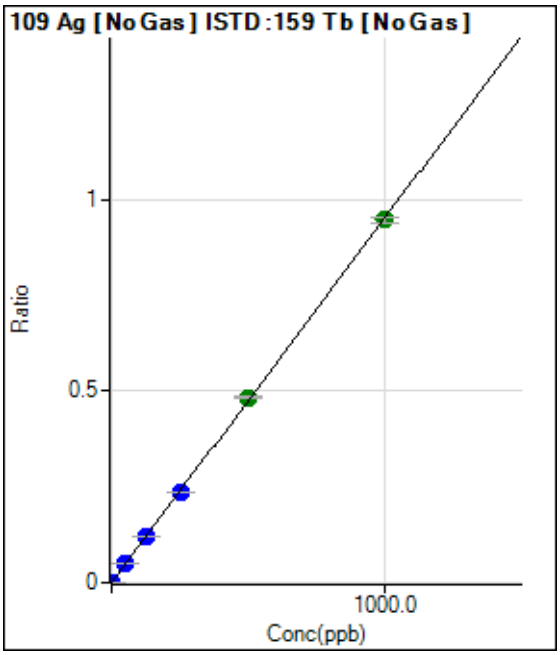


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.17	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	0.831	272.23	0.0000	P	11.5
4	☐	50.000	52.947	15606.11	0.0008	P	0.9
5	☐	125.000	127.295	37633.60	0.0019	P	1.3
6	☐	250.000	253.810	74717.94	0.0037	P	0.5
7	☐	500.000	505.304	149016.93	0.0074	P	0.6
8	☐	1000.000	995.961	293688.58	0.0145	P	1.8
9	☐			144.45	0.0000	P	27.2

y = 1.4544E-005 * x + 1.4666E-006
R = 1.0000
DL = 0.04514
BEC = 0.1008

Weight: <None>
Min Conc: 0

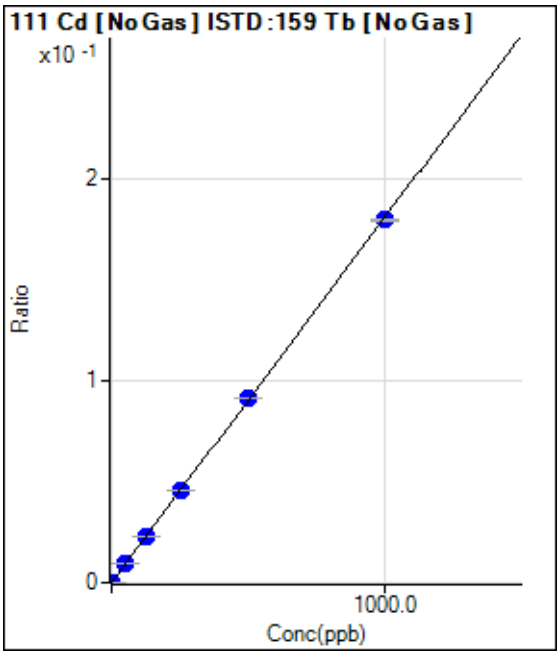
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	1.142	21951.04	0.0011	P	2.2
4	☐	50.000	52.066	1002464.55	0.0496	P	0.7
5	☐	125.000	126.188	2439498.92	0.1201	P	0.4
6	☐	250.000	248.289	4781183.88	0.2363	P	0.6
7	☐	500.000	508.437	9810309.25	0.4839	A	0.8
8	☐	1000.000	995.957	19217276.47	0.9479	A	1.3
9	☐			4573.18	0.0002	P	1.7

y = 9.5178E-004 * x + 5.9987E-006
R = 0.9999
DL = 0.002626
BEC = 0.006303

Weight: <None>
Min Conc: 0

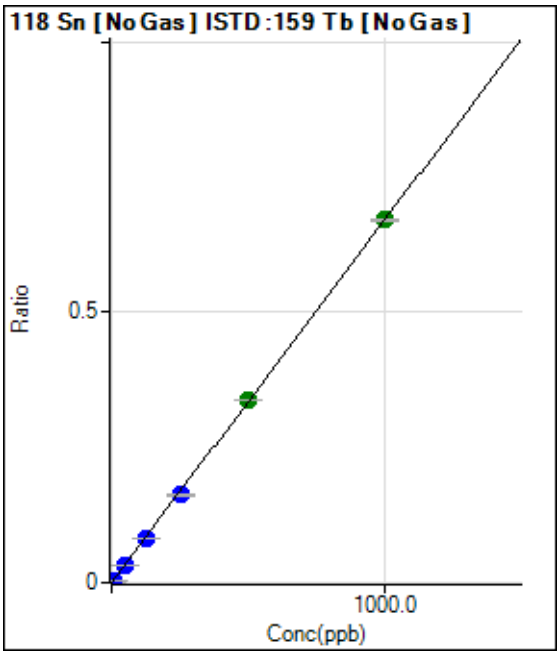


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	562.92	0.0000	P	2.7
2	☐	0.100					
3	☐	1.000	0.894	3814.82	0.0002	P	2.4
4	☐	50.000	53.068	194734.33	0.0096	P	1.2
5	☐	125.000	128.430	472422.69	0.0233	P	0.5
6	☐	250.000	254.193	930830.79	0.0460	P	0.9
7	☐	500.000	507.845	1862829.19	0.0919	P	0.2
8	☐	1000.000	994.447	3647462.18	0.1799	P	0.7
9	☐			1653.82	0.0001	P	11.7

y = 1.8089E-004 * x + 2.8281E-005
R = 0.9999
DL = 0.0126
BEC = 0.1563

Weight: <None>
Min Conc: 0

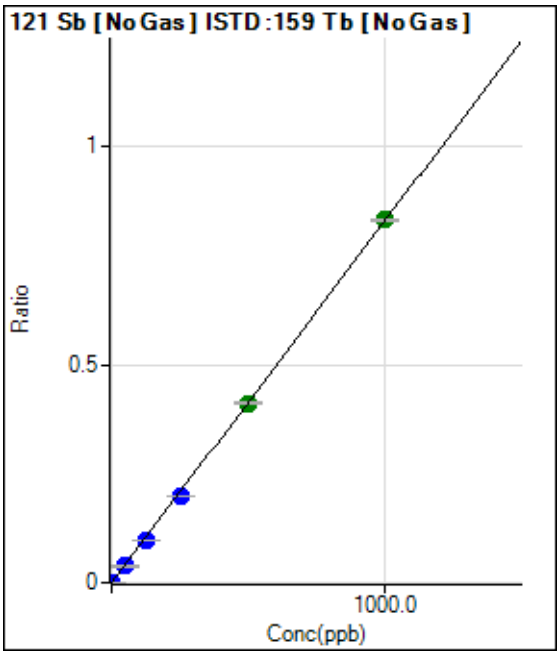
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1239.11	0.0001	P	18.1
2	☐	0.500					
3	☐	5.000	4.124	56765.93	0.0028	P	0.8
4	☐	50.000	49.777	676061.56	0.0334	P	0.5
5	☐	125.000	121.475	1654864.61	0.0815	P	0.5
6	☐	250.000	241.513	3276049.03	0.1619	P	0.9
7	☐	500.000	502.738	6831883.14	0.3370	A	0.4
8	☐	1000.000	1001.209	13605304.99	0.6711	A	0.8
9	☐			21467.06	0.0011	P	6.2

y = 6.7022E-004 * x + 6.2288E-005
R = 1.0000
DL = 0.05058
BEC = 0.09294

Weight: <None>
Min Conc: 0

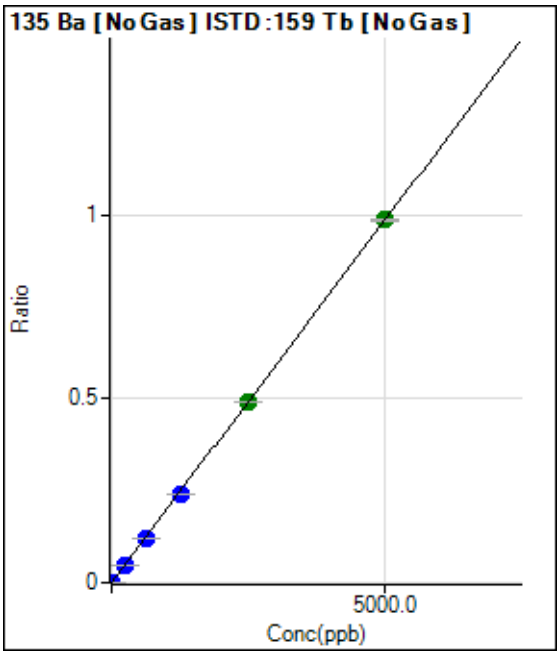


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6687.98	0.0003	P	11.7
2	☐	0.200					
3	☐	2.000	1.390	29868.91	0.0015	P	0.7
4	☐	50.000	45.567	769580.20	0.0380	P	3.2
5	☐	125.000	117.976	1989976.41	0.0980	P	1.7
6	☐	250.000	239.638	4019525.22	0.1987	P	0.7
7	☐	500.000	497.667	8356672.06	0.4122	A	0.8
8	☐	1000.000	1004.858	16868079.54	0.8320	A	0.4
9	☐			85522.66	0.0045	P	8.2

y = 8.2764E-004 * x + 3.3626E-004
R = 0.9999
DL = 0.1422
BEC = 0.4063

Weight: <None>
Min Conc: 0

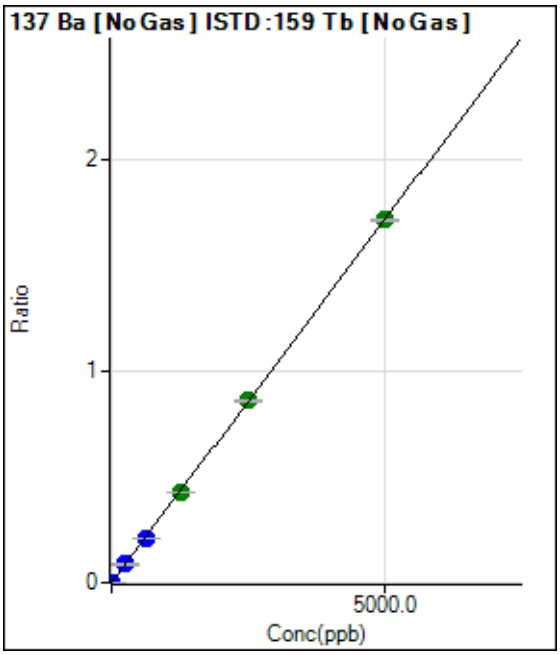
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	27.7
2	☐	1.000					
3	☐	10.000	8.410	33366.03	0.0017	P	2.1
4	☐	250.000	250.361	997817.38	0.0493	P	0.4
5	☐	625.000	611.673	2447778.87	0.1205	P	1.3
6	☐	1250.000	1221.985	4870990.47	0.2408	P	0.7
7	☐	2500.000	2495.118	9965576.26	0.4916	A	0.6
8	☐	5000.000	5011.096	20016012.43	0.9873	A	0.7
9	☐			7771.95	0.0004	P	4.9

y = 1.9702E-004 * x + 4.4597E-006
R = 1.0000
DL = 0.01884
BEC = 0.02264

Weight: <None>
Min Conc: 0

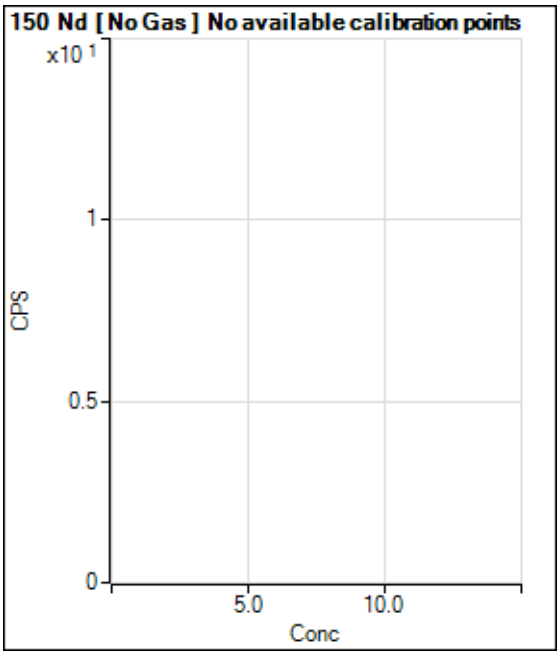


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	23.3
2	☐	1.000					
3	☐	10.000	8.332	57433.71	0.0029	P	1.4
4	☐	250.000	252.311	1747484.18	0.0864	P	0.9
5	☐	625.000	617.511	4294404.83	0.2114	P	0.7
6	☐	1250.000	1237.991	8576004.45	0.4239	A	0.2
7	☐	2500.000	2505.388	17389780.25	0.8578	A	0.4
8	☐	5000.000	5001.132	34715241.40	1.7123	A	0.7
9	☐			13231.87	0.0007	P	1.2

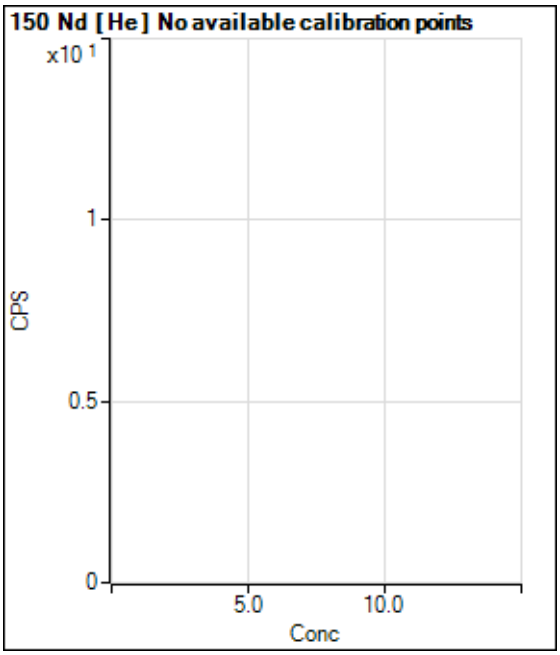
y = 3.4239E-004 * x + 6.5520E-006
R = 1.0000
DL = 0.01335
BEC = 0.01914

Weight: <None>
Min Conc: 0

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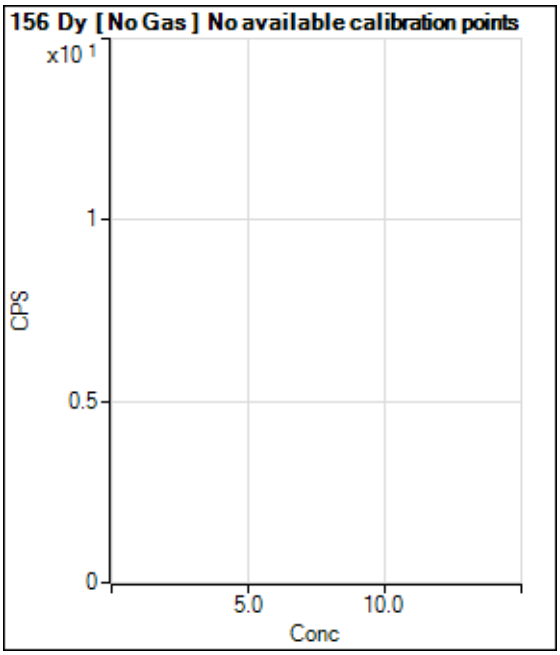


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	0.0
2	☐						
3	☐			11.11		P	69.3
4	☐			80.00		P	38.2
5	☐			122.23		P	15.7
6	☐			306.68		P	23.5
7	☐			671.15		P	6.1
8	☐			1233.44		P	9.8
9	☐			282.23		P	42.9

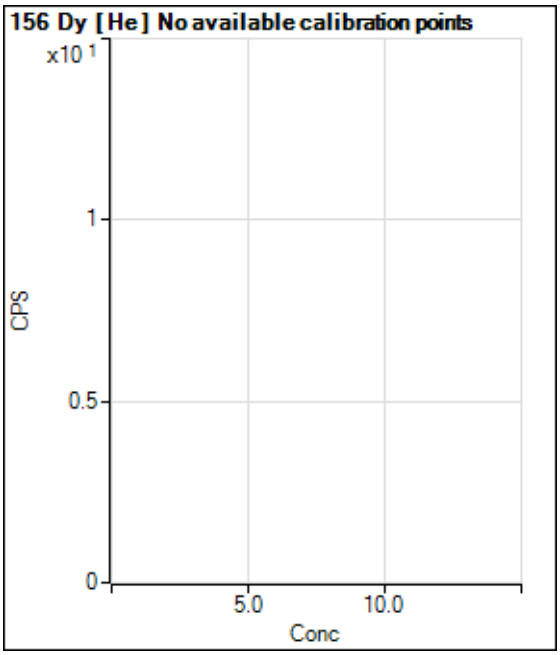


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			5.56		P	34.7
5	☐			14.45		P	48.0
6	☐			26.66		P	43.3
7	☐			57.78		P	27.3
8	☐			110.00		P	5.2
9	☐			105.56		P	18.2

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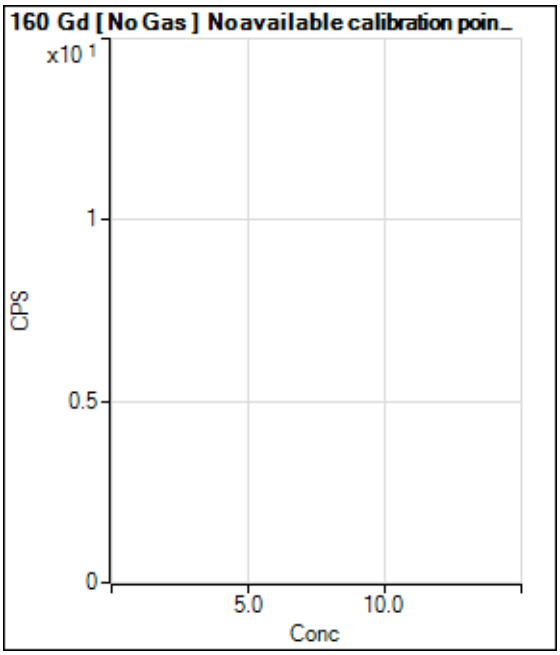


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	100.
2	☐						
3	☐			25.00		P	33.3
4	☐			30.56		P	56.8
5	☐			66.67		P	21.7
6	☐			102.78		P	12.4
7	☐			180.57		P	10.7
8	☐			361.13		P	10.9
9	☐			266.68		P	0.0

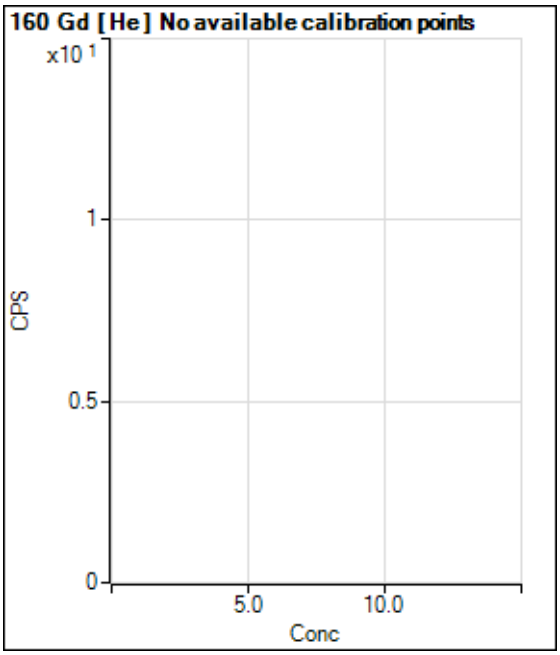


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	173.
2	☐						
3	☐			5.56		P	34.7
4	☐			8.89		P	43.3
5	☐			17.78		P	47.2
6	☐			24.44		P	7.9
7	☐			44.44		P	33.8
8	☐			93.34		P	17.9
9	☐			110.00		P	8.0

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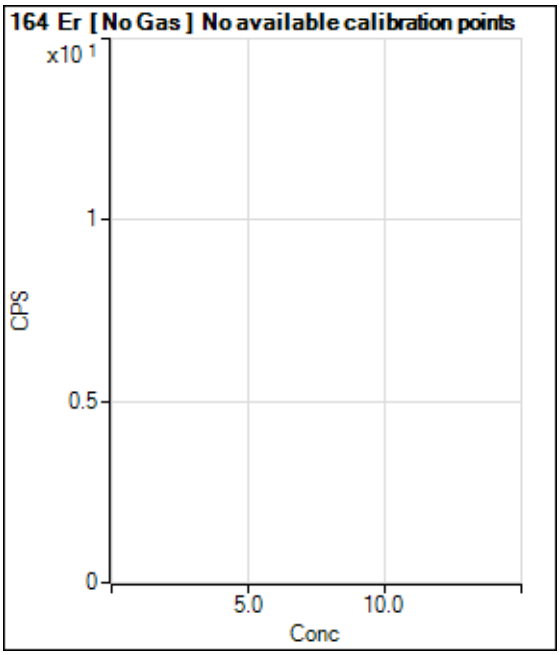


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			122.23		P	19.7
2	☐						
3	☐			188.90		P	26.6
4	☐			152.79		P	20.7
5	☐			147.23		P	13.1
6	☐			205.57		P	29.9
7	☐			261.13		P	21.3
8	☐			327.79		P	20.7
9	☐			327.80		P	3.9

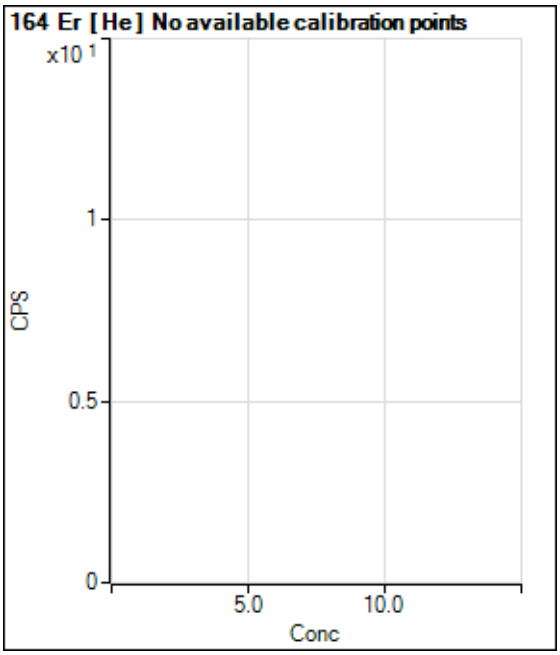


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			62.22		P	35.7
2	☐						
3	☐			71.11		P	25.8
4	☐			75.56		P	25.9
5	☐			94.45		P	23.5
6	☐			94.45		P	37.7
7	☐			111.12		P	18.3
8	☐			153.34		P	14.3
9	☐			181.12		P	11.7

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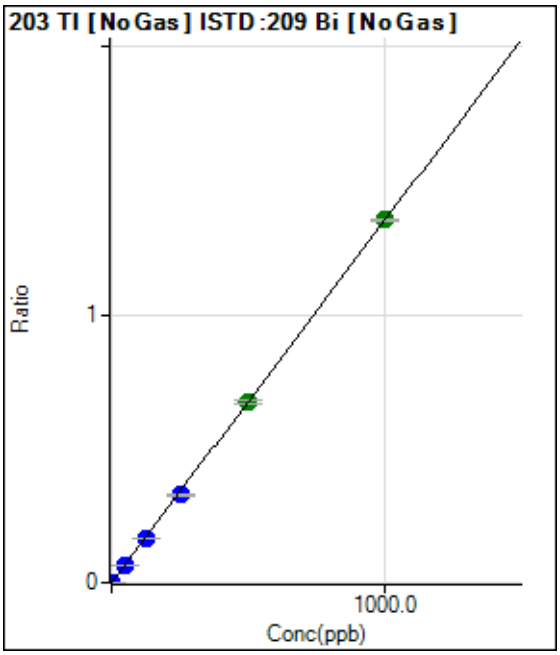


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			55.56		P	17.3
2	☐						
3	☐			86.12		P	20.1
4	☐			55.56		P	48.2
5	☐			80.56		P	11.9
6	☐			108.34		P	20.4
7	☐			69.45		P	66.1
8	☐			91.67		P	9.1
9	☐			172.23		P	17.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.56		P	30.1
2	☐						
3	☐			36.67		P	15.7
4	☐			26.67		P	33.1
5	☐			34.45		P	31.1
6	☐			32.22		P	63.2
7	☐			50.00		P	6.7
8	☐			41.11		P	12.4
9	☐			64.45		P	20.9

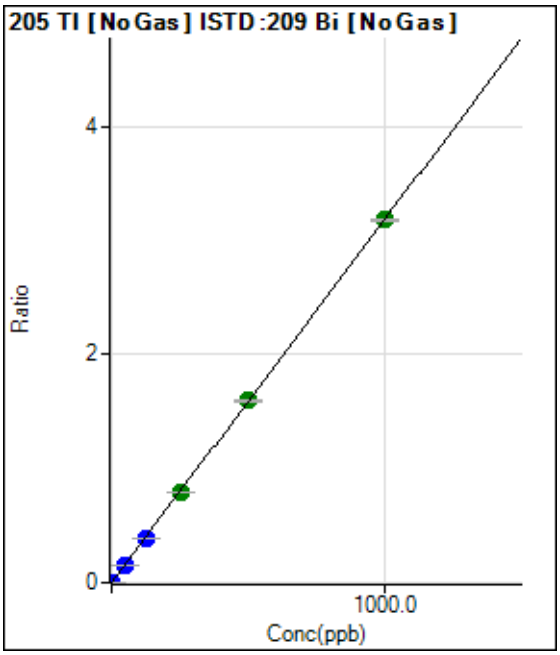
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	380.58	0.0000	P	22.0
2	☐	0.100					
3	☐	1.000	0.810	15348.42	0.0011	P	3.8
4	☐	50.000	48.551	903638.30	0.0656	P	1.0
5	☐	125.000	120.334	2213470.08	0.1626	P	1.0
6	☐	250.000	242.422	4426566.38	0.3275	P	1.0
7	☐	500.000	500.052	9084293.43	0.6754	A	1.5
8	☐	1000.000	1002.524	18030134.60	1.3541	A	0.5
9	☐			10849.32	0.0009	P	2.9

y = 0.0014 * x + 2.7874E-005
R = 1.0000
DL = 0.01361
BEC = 0.02064

Weight: <None>
Min Conc: 0

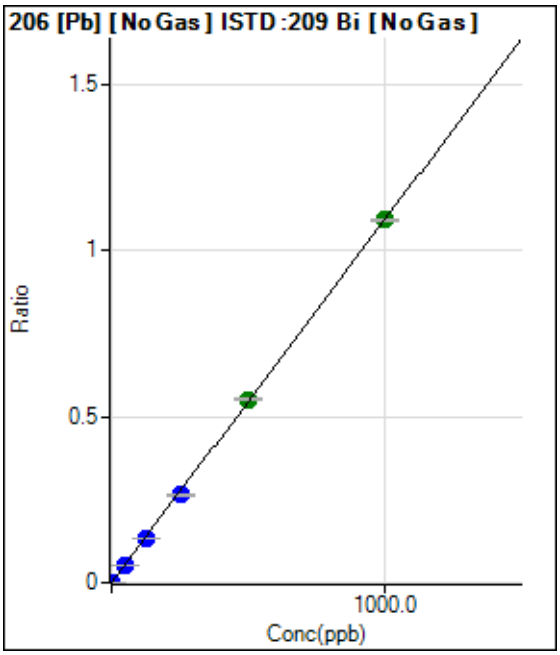


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.38	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	0.837	37052.80	0.0027	P	1.3
4	☐	50.000	49.531	2168849.87	0.1575	P	1.2
5	☐	125.000	123.793	5357608.71	0.3935	P	1.0
6	☐	250.000	249.380	10714515.95	0.7926	A	0.5
7	☐	500.000	500.887	21410394.58	1.5919	A	1.2
8	☐	1000.000	999.886	42313291.22	3.1777	A	0.3
9	☐			27334.65	0.0023	P	3.3

y = 0.0032 * x + 5.0045E-005
R = 1.0000
DL = 0.003557
BEC = 0.01575

Weight: <None>
Min Conc: 0

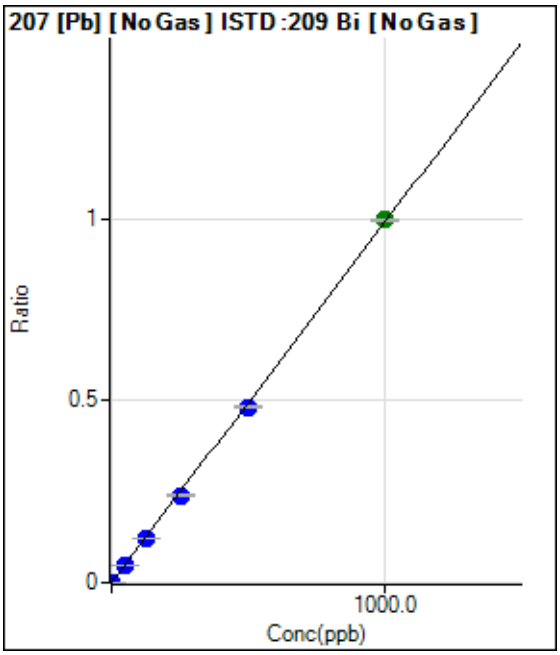
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2057.63	0.0002	P	5.8
2	☐	0.100					
3	☐	1.000	0.925	15857.96	0.0012	P	1.9
4	☐	50.000	48.741	734135.68	0.0533	P	0.7
5	☐	125.000	120.893	1797056.36	0.1320	P	0.8
6	☐	250.000	241.553	3562673.98	0.2635	P	0.5
7	☐	500.000	503.959	7393043.74	0.5497	A	1.1
8	☐	1000.000	1000.709	14531852.17	1.0913	A	0.3
9	☐			32282.32	0.0028	P	1.6

y = 0.0011 * x + 1.5068E-004
R = 0.9999
DL = 0.02392
BEC = 0.1382

Weight: <None>
Min Conc: 0

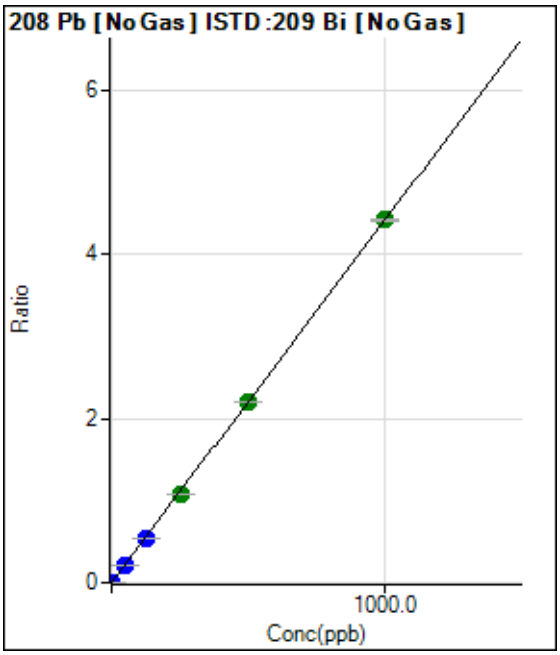


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1905.75	0.0001	P	6.9
2	☐	0.100					
3	☐	1.000	0.931	14510.19	0.0011	P	1.1
4	☐	50.000	48.844	667678.94	0.0485	P	1.0
5	☐	125.000	121.223	1635325.34	0.1201	P	1.0
6	☐	250.000	242.432	3244944.43	0.2400	P	0.7
7	☐	500.000	488.520	6503975.67	0.4836	P	0.6
8	☐	1000.000	1008.162	13286011.18	0.9978	A	0.4
9	☐			27412.12	0.0023	P	0.8

y = 9.8956E-004 * x + 1.3951E-004
R = 0.9999
DL = 0.02912
BEC = 0.141

Weight: <None>
Min Conc: 0

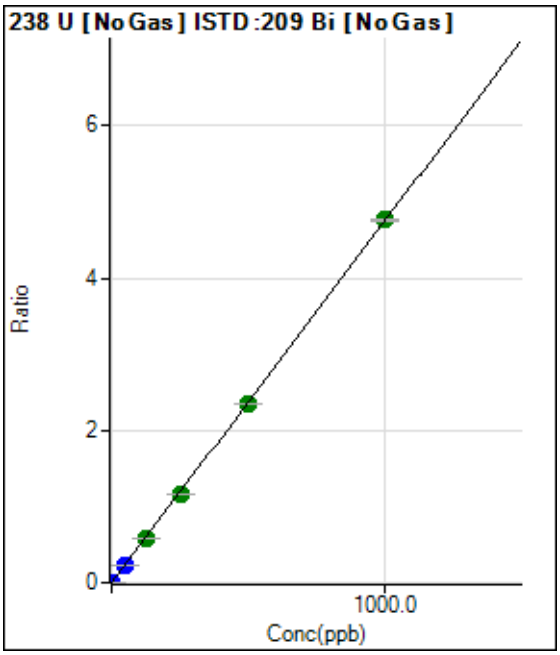
Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8723.63	0.0006	P	0.1
2	☐	0.100					
3	☐	1.000	0.924	64555.24	0.0047	P	1.4
4	☐	50.000	49.131	2997356.32	0.2176	P	0.5
5	☐	125.000	122.249	7359803.61	0.5405	P	0.9
6	☐	250.000	245.670	14674411.41	1.0855	A	0.8
7	☐	500.000	498.793	29634963.97	2.2033	A	0.8
8	☐	1000.000	1002.073	58933302.47	4.4258	A	0.2
9	☐			127416.45	0.0109	P	0.3

y = 0.0044 * x + 6.3874E-004
R = 1.0000
DL = 0.0003265
BEC = 0.1446

Weight: <None>
Min Conc: 0

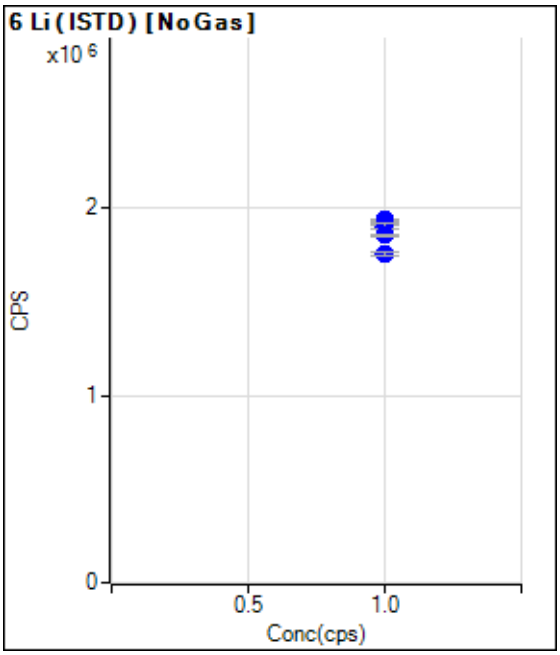


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.80	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	0.802	52412.51	0.0038	P	1.2
4	☐	50.000	48.306	3158441.07	0.2293	P	0.4
5	☐	125.000	122.158	7895550.09	0.5798	A	0.2
6	☐	250.000	244.184	15668010.94	1.1590	A	0.2
7	☐	500.000	495.691	31644089.60	2.3527	A	0.6
8	☐	1000.000	1004.049	63456658.36	4.7655	A	0.4
9	☐			53290.65	0.0046	P	0.7

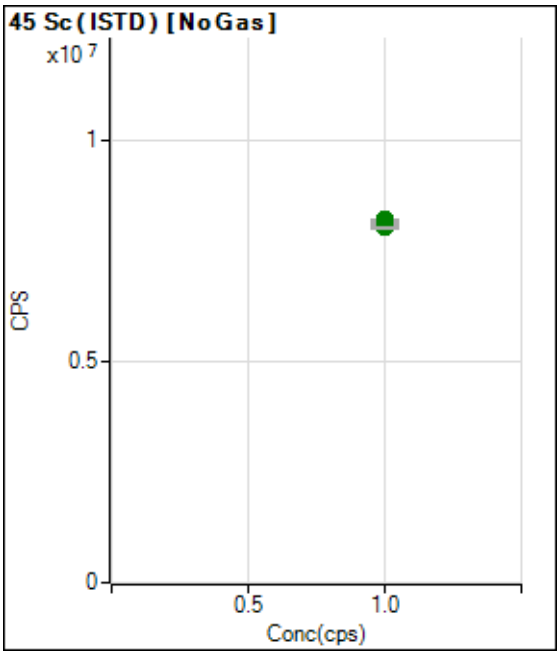
y = 0.0047 * x + 2.5827E-005
R = 1.0000
DL = 0.003549
BEC = 0.005442

Weight: <None>
Min Conc: 0

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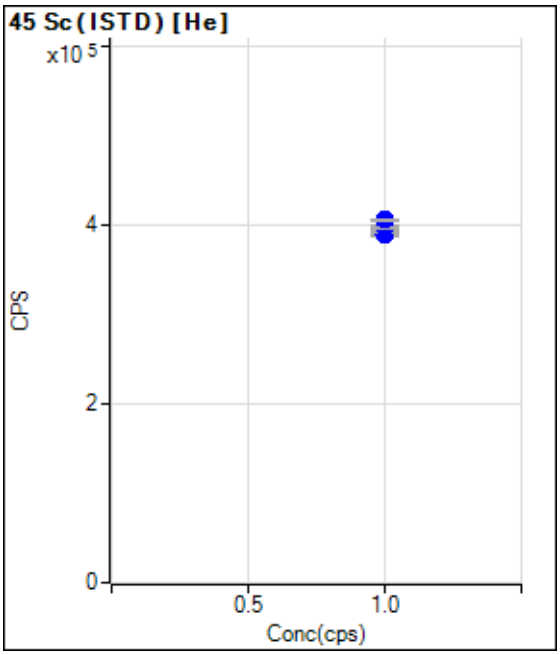


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1	☐	1.000		1935388.81		P	1.1
2	☐	1.000					
3	☐	1.000		1916882.84		P	0.5
4	☐	1.000		1936027.87		P	0.3
5	☐	1.000		1938280.96		P	0.6
6	☐	1.000		1922138.38		P	0.1
7	☐	1.000		1902184.36		P	1.5
8	☐	1.000		1857193.49		P	0.4
9	☐	1.000		1755500.04		P	0.7

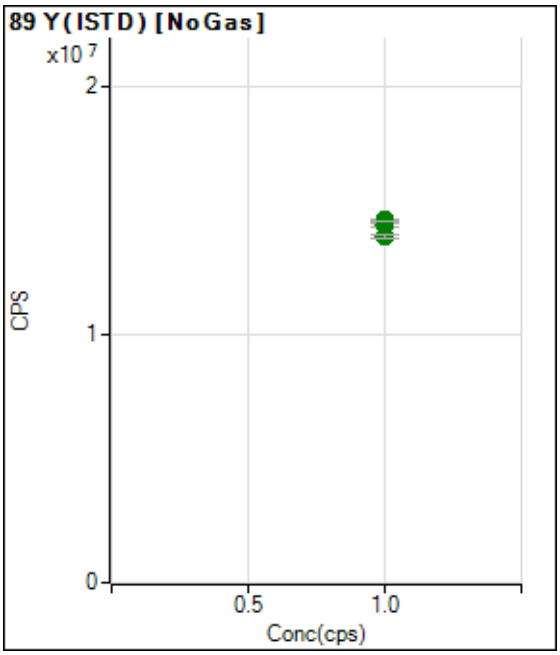


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8091144.89		A	0.7
2	☐	1.000					
3	☐	1.000		8126058.08		A	0.4
4	☐	1.000		8211182.39		A	0.6
5	☐	1.000		8166987.07		A	0.5
6	☐	1.000		8121189.16		A	0.3
7	☐	1.000		8079217.98		A	1.0
8	☐	1.000		8133932.13		A	0.4
9	☐	1.000		8035509.38		A	0.3

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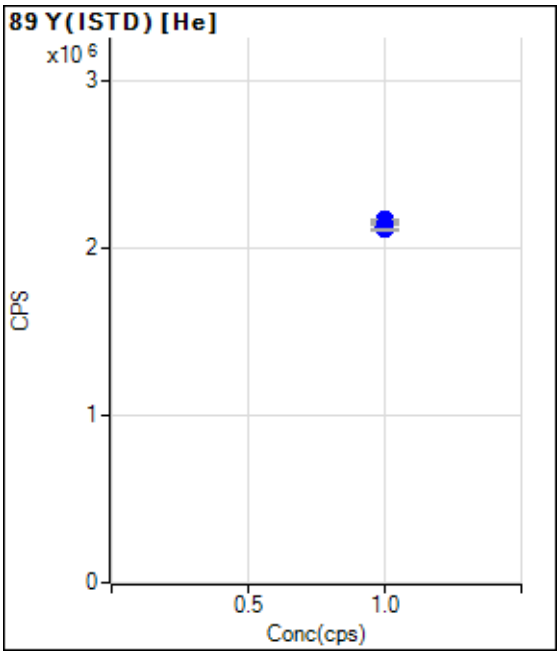


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		399107.18		P	0.8
2	☐	1.000					
3	☐	1.000		388651.25		P	1.3
4	☐	1.000		396353.85		P	0.7
5	☐	1.000		390982.34		P	1.1
6	☐	1.000		389096.18		P	0.6
7	☐	1.000		391348.67		P	0.1
8	☐	1.000		397152.19		P	0.5
9	☐	1.000		405547.58		P	0.8

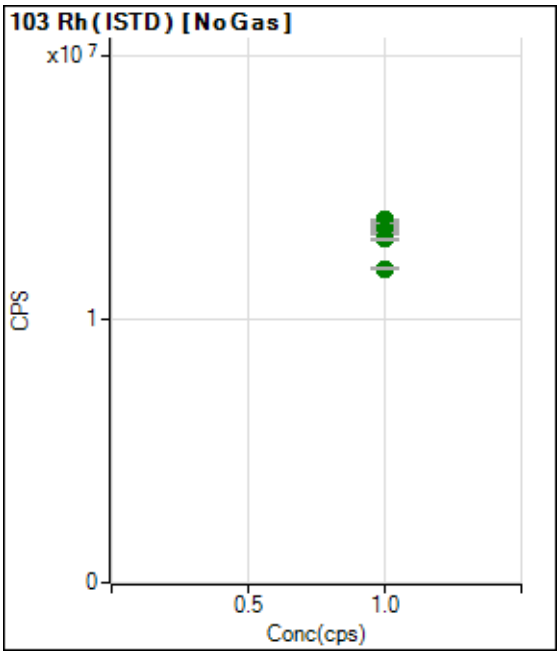


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14439603.39		A	0.8
2	☐	1.000					
3	☐	1.000		14566871.59		A	0.1
4	☐	1.000		14643363.12		A	0.9
5	☐	1.000		14599445.89		A	0.5
6	☐	1.000		14552230.48		A	0.1
7	☐	1.000		14548395.75		A	0.8
8	☐	1.000		14569668.95		A	0.2
9	☐	1.000		13965098.96		A	1.3

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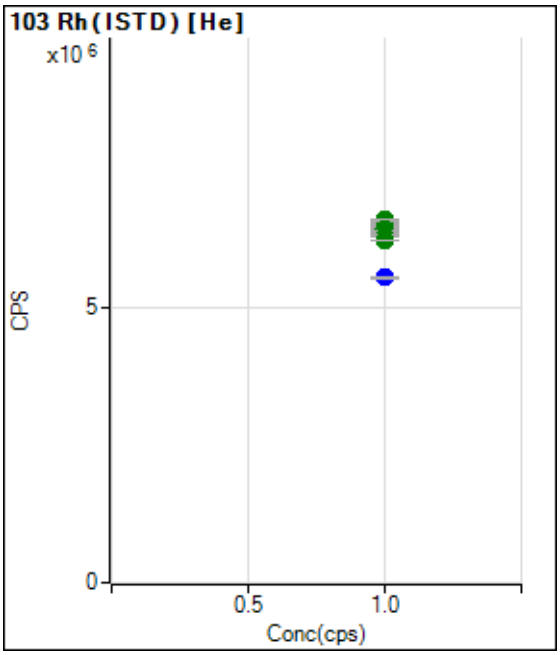


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1	☐	1.000		2171587.90		P	0.2
2	☐	1.000					
3	☐	1.000		2125506.39		P	1.0
4	☐	1.000		2165848.84		P	0.6
5	☐	1.000		2126191.86		P	1.6
6	☐	1.000		2129900.77		P	0.7
7	☐	1.000		2142687.97		P	0.4
8	☐	1.000		2139202.69		P	0.2
9	☐	1.000		2112252.51		P	0.9

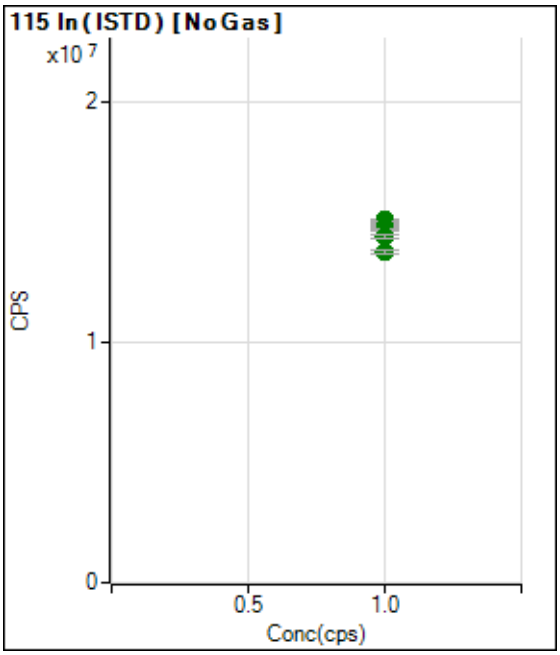


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13566152.91		A	1.2
2	☐	1.000					
3	☐	1.000		13658936.59		A	1.0
4	☐	1.000		13768181.90		A	0.5
5	☐	1.000		13646271.14		A	0.3
6	☐	1.000		13382818.96		A	0.6
7	☐	1.000		13253007.41		A	0.4
8	☐	1.000		13038846.21		A	0.7
9	☐	1.000		11925623.27		A	0.2

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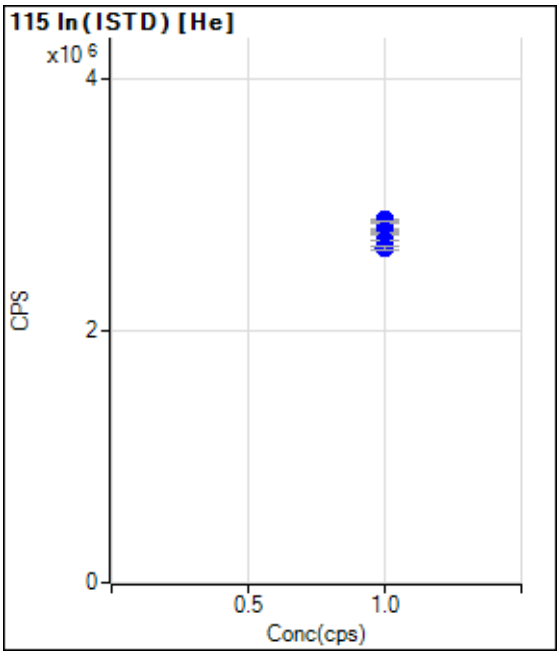


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6452996.57		A	0.6
2	☐	1.000					
3	☐	1.000		6522080.18		A	0.9
4	☐	1.000		6600107.05		A	0.4
5	☐	1.000		6421306.78		A	1.5
6	☐	1.000		6388849.63		A	0.8
7	☐	1.000		6303462.34		A	0.5
8	☐	1.000		6230724.49		A	0.0
9	☐	1.000		5547748.81		P	0.5

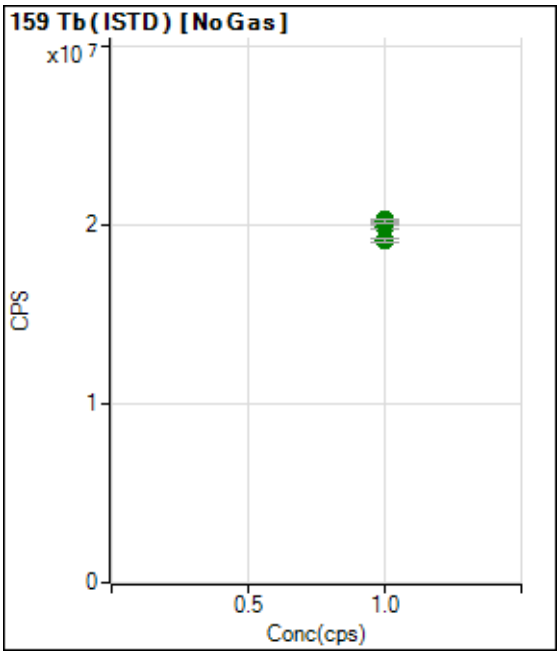


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2	☐	1.000					
3	☐	1.000		14955919.04		A	0.7
4	☐	1.000		15100681.32		A	0.1
5	☐	1.000		14978244.24		A	0.5
6	☐	1.000		14801416.20		A	0.6
7	☐	1.000		14688873.81		A	0.7
8	☐	1.000		14418608.30		A	0.8
9	☐	1.000		13748538.53		A	1.3

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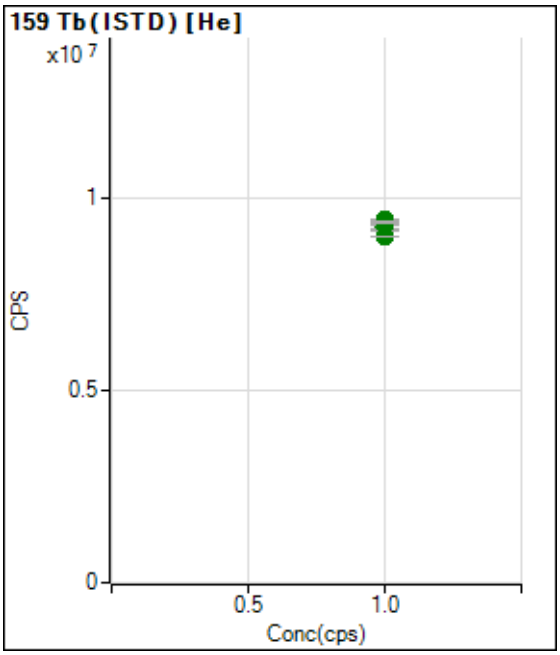


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2	☐	1.000					
3	☐	1.000		2800936.69		P	0.4
4	☐	1.000		2858609.66		P	0.5
5	☐	1.000		2797390.36		P	0.8
6	☐	1.000		2788095.41		P	0.3
7	☐	1.000		2767202.56		P	0.3
8	☐	1.000		2717146.15		P	0.2
9	☐	1.000		2659929.99		P	0.9

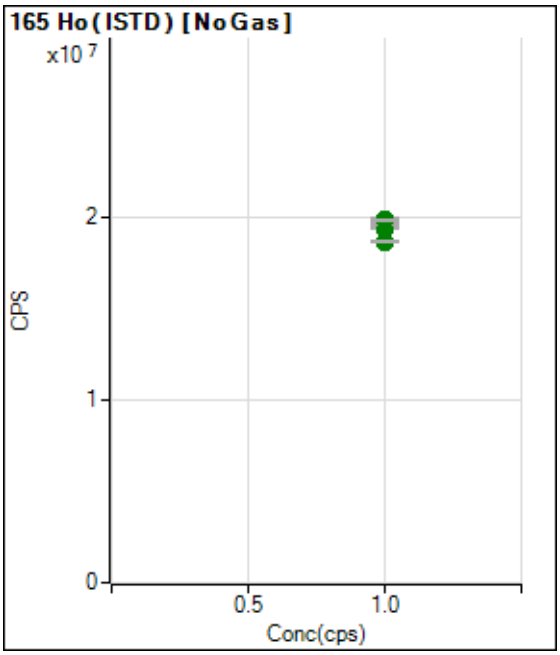


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1	☐	1.000		19901545.26		A	0.9
2	☐	1.000					
3	☐	1.000		20086393.17		A	0.8
4	☐	1.000		20227179.00		A	0.5
5	☐	1.000		20310685.81		A	0.1
6	☐	1.000		20232266.51		A	0.8
7	☐	1.000		20272034.98		A	0.6
8	☐	1.000		20274324.42		A	0.9
9	☐	1.000		19176011.38		A	1.0

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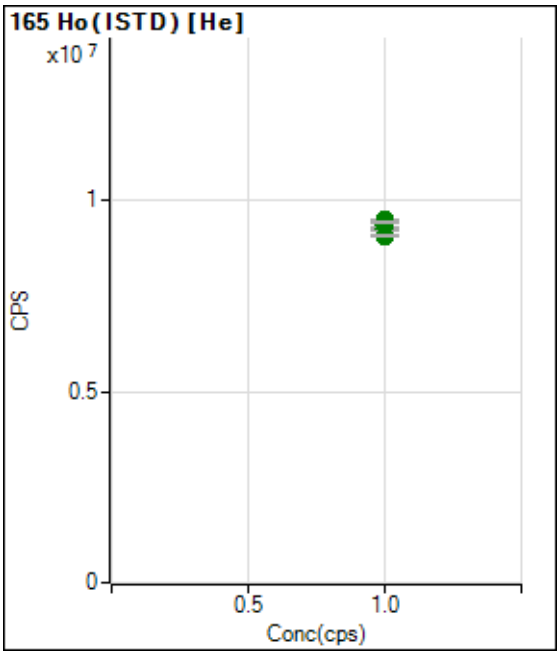


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1	☐	1.000		9247850.77		A	0.9
2	☐	1.000					
3	☐	1.000		9228723.48		A	1.5
4	☐	1.000		9419646.67		A	0.4
5	☐	1.000		9315808.61		A	0.1
6	☐	1.000		9397274.31		A	0.6
7	☐	1.000		9408639.86		A	0.7
8	☐	1.000		9351893.89		A	0.6
9	☐	1.000		8971719.31		A	0.2

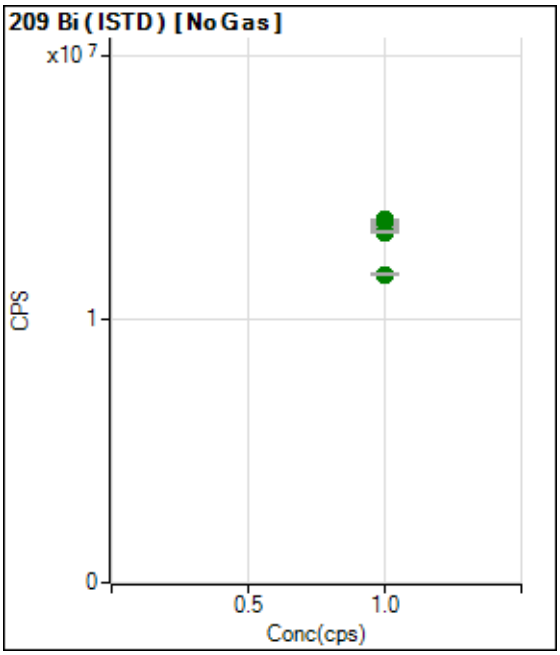


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19405019.36		A	0.3
2	☐	1.000					
3	☐	1.000		19571501.65		A	0.5
4	☐	1.000		19799259.82		A	0.5
5	☐	1.000		19671721.10		A	0.2
6	☐	1.000		19664803.39		A	0.9
7	☐	1.000		19909737.42		A	1.1
8	☐	1.000		19906352.36		A	0.4
9	☐	1.000		18707045.04		A	0.8

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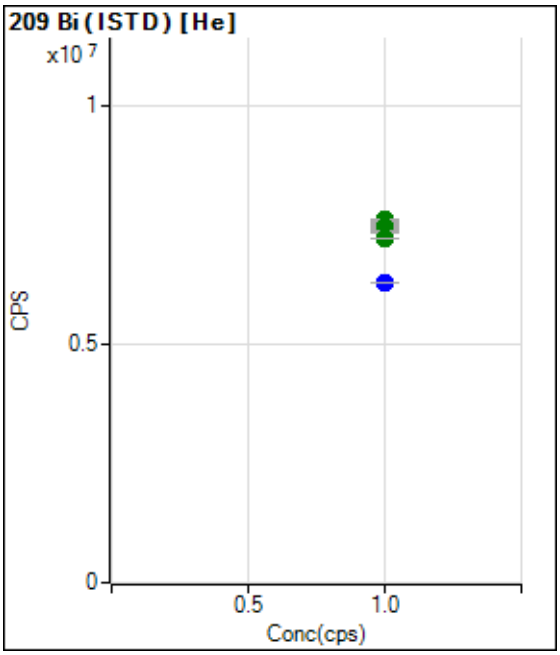


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1	☐	1.000		9236990.83		A	0.3
2	☐	1.000					
3	☐	1.000		9269963.13		A	0.9
4	☐	1.000		9496291.74		A	0.6
5	☐	1.000		9355151.11		A	1.4
6	☐	1.000		9415921.39		A	0.4
7	☐	1.000		9464760.76		A	0.3
8	☐	1.000		9438153.40		A	0.7
9	☐	1.000		9067143.96		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13657514.94		A	0.9
2	☐	1.000					
3	☐	1.000		13677496.74		A	0.9
4	☐	1.000		13774686.74		A	0.6
5	☐	1.000		13617526.32		A	1.0
6	☐	1.000		13518912.86		A	1.0
7	☐	1.000		13450370.77		A	0.4
8	☐	1.000		13315768.69		A	0.7
9	☐	1.000		11688401.35		A	0.6

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7512734.33		A	0.4
2	☐	1.000					
3	☐	1.000		7411310.93		A	1.0
4	☐	1.000		7596839.89		A	0.6
5	☐	1.000		7455466.83		A	0.3
6	☐	1.000		7405923.57		A	0.5
7	☐	1.000		7344313.57		A	0.5
8	☐	1.000		7212086.49		A	0.0
9	☐	1.000		6294194.07		P	0.2

US EPA Tune Check Sample Report

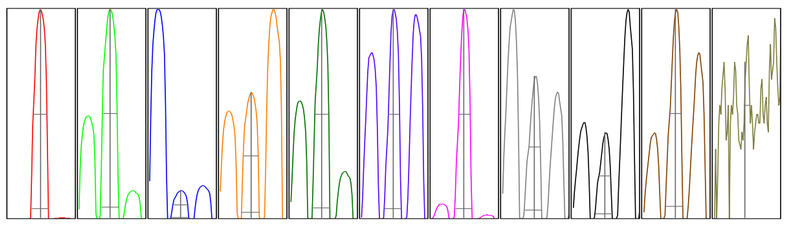
Batch Folder D:\ICP-MS Data\P7050817-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	102032	0.54	5.00	
24	1589567	0.26	5.00	
25	213898	0.26	5.00	
26	254090	0.42	5.00	
59	1210132	0.20	5.00	
113	180038	0.40	5.00	
115	2473448	0.33	5.00	
206	543142	0.41	5.00	
207	481004	0.19	5.00	
208	1172867	0.58	5.00	
220	6	23.23		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	101998	102596	102328	102105	101133
24	1588376	1596606	1587009	1589377	1586468
25	213530	214343	213165	214537	213913
26	253740	255714	253315	254544	253134
59	1207816	1212462	1207424	1212508	1210449
113	179356	180745	179159	180443	180488
115	2468457	2487473	2474382	2468267	2468661
206	543184	546465	540819	543832	541410
207	480722	481880	480082	482035	480301
208	1176255	1182871	1166247	1170972	1167991
220	6	6	4	8	8

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	17262	9.00	8.9 - 9.1		0.782	0.900	
24	256018	23.95	23.9 - 24.1		0.825	0.900	
25	34564	24.95	24.9 - 25.1		0.792	0.900	
26	40624	25.95	25.9 - 26.1		0.788	0.900	
59	207485	58.95	58.9 - 59.1		0.781	0.900	
113	34727	113.00	112.9 - 113.1		0.764	0.900	
115	471292	115.00	114.9 - 115.1		0.768	0.900	
206	104423	206.00	205.9 - 206.1		0.776	0.900	
207	92665	207.00	206.9 - 207.1		0.770	0.900	
208	226000	208.00	207.9 - 208.1		0.775	0.900	
220	1	219.95	-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	℃						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	V	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens				
Extract 2	-195.0	V	Cell Entrance				
Omega Bias	-90	V	Cell Exit	-50	V		
Deflect	13.6	V					

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Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	190	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	335912	0.51	
89	84734	0.50	
205	453525	0.56	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	334528	335911	338199	336947	333976
89	84421	84779	85324	84904	84243
205	455909	454573	455119	452448	449576

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min			
RF Matching	1.80	V	Option Gas	0.0	%			
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rps			
S/C Temp	2	℃						

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.2	V			
Extract 2	-200.0	V	Cell Entrance	-40	V			
Omega Bias	-95	V	Cell Exit	-60	V			
Deflect	2.0	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	true		OctP Bias	-18.0	V			
He Flow	4.1	mL/min	OctP RF	200	V			
Energy Discrimination	5.0	V						

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:08:50	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.00	-0.11	0.00	N/A	ppb
Antimony	121-1	-0.05	0.00	0.05	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.13	-0.04	-0.09	0.00	N/A	ppb
Boron	11-1	-0.04	0.03	0.01	0.00	N/A	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	106-1	0.09	-0.01	-0.08	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.01	0.00	0.00	N/A	ppb
Calcium	43-1	-1.01	-0.39	1.40	0.00	N/A	ppb
Calcium	44-1	0.17	-0.38	0.21	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	0.00	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.01	-0.12	0.13	0.00	N/A	ppb
Iron	57-2	0.02	0.43	-0.45	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.08	0.03	0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:08:50	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	4.82	2.11	0.09	2.34	101.34	ppb
Potassium	39-2	-2.75	0.85	1.91	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.61	-0.62	0.00	N/A	ppb
Selenium	82-1	0.12	-0.04	-0.08	0.00	N/A	ppb
Silicon	28-1	-0.21	0.12	0.09	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.06	-0.26	0.20	0.00	N/A	ppb
Strontium	86-1	0.00	0.02	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-73.72	32.62	137.23	32.04	329.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.02	0.01	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:08:50	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.01	0.00	N/A	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.79	15.96	16.74	16.50	2.83	ppb
Antimony	121-1	1.39	1.38	1.41	1.39	0.96	ppb
Arsenic	75-2	0.74	0.84	0.86	0.81	7.54	ppb
Barium	135-1	8.61	8.36	8.26	8.41	2.09	ppb
Barium	137-1	8.44	8.21	8.34	8.33	1.37	ppb
Beryllium	9-1	0.83	0.84	0.85	0.84	0.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.69	21.20	20.47	21.12	2.90	ppb
Boron	11-1	20.38	20.74	21.05	20.73	1.62	ppb
Cadmium	111-1	0.92	0.87	0.89	0.89	2.79	ppb
Cadmium	106-1	0.51	0.02	0.16	0.23	108.06	ppb
Cadmium	108-1	0.78	0.95	0.76	0.83	12.86	ppb
Calcium	43-1	391.87	403.26	391.42	395.51	1.70	ppb
Calcium	44-1	407.36	405.74	407.97	407.02	0.28	ppb
Chromium	52-2	1.78	1.89	1.81	1.83	2.95	ppb
Cobalt	59-2	0.85	0.88	0.88	0.87	2.43	ppb
Copper	63-2	2.16	2.16	2.31	2.21	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	42.37	42.71	43.19	42.75	0.96	ppb
Iron	57-2	43.17	41.36	42.35	42.29	2.14	ppb
Lead	206-1	0.95	0.91	0.92	0.93	2.21	ppb
Lead	207-1	0.94	0.93	0.92	0.93	1.32	ppb
Lead	208-1	0.94	0.92	0.91	0.92	1.67	ppb
Lithium	6-1						%
Magnesium	24-2	423.74	419.14	428.22	423.70	1.07	ppb
Manganese	55-2	0.89	0.92	0.96	0.92	3.73	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.73	1.66	1.73	1.71	2.42	ppb
Molybdenum	95-1	3.99	4.08	3.97	4.02	1.37	ppb
Molybdenum	96-1	3.41	3.43	3.42	3.42	0.33	ppb
Molybdenum	97-1	4.01	4.02	4.11	4.05	1.33	ppb
Molybdenum	98-1	3.88	3.94	3.92	3.91	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.89	1.00	0.96	6.27	ppb
Phosphorus	31-2	0.35	-4.18	-3.19	-2.34		ppb
Potassium	39-2	405.14	419.84	415.83	413.60	1.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.03	5.13	6.31	5.49	12.95	ppb
Selenium	78-2	3.68	4.26	4.12	4.02	7.57	ppb
Selenium	82-1	4.72	5.87	5.47	5.35	10.95	ppb
Silicon	28-1	9.74	9.83	9.24	9.60	3.29	ppb
Silver	109-1	1.17	1.15	1.11	1.14	2.24	ppb
Silver	107-1	1.16	1.14	1.12	1.14	1.59	ppb
Sodium	23-2	431.60	430.19	430.83	430.87	0.16	ppb
Strontium	86-1	0.92	0.83	0.82	0.86	6.91	ppb
Strontium	88-1	0.88	0.85	0.86	0.86	1.98	ppb
Sulfur	34-1	44.00	-70.94	-69.19	-32.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.83	0.77	0.82	0.81	3.89	ppb
Thallium	205-1	0.82	0.84	0.84	0.84	1.31	ppb
Tin	118-1	4.16	4.10	4.12	4.12	0.77	ppb
Titanium	47-1	4.29	4.19	4.11	4.20	2.18	ppb
Uranium	238-1	0.81	0.81	0.79	0.80	1.25	ppb
Vanadium	51-2	4.19	4.36	4.19	4.25	2.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.09	1.91	1.98	1.99	4.54	ppb
Zirconium	90-1	0.74	0.75	0.74	0.74	1.09	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.80	0.79	0.80	1.46	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:20:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	964.42	988.68	971.28	974.80	1.28	ppb
Antimony	121-1	47.10	45.42	44.18	45.57	3.22	ppb
Arsenic	75-2	50.62	51.08	50.64	50.78	0.51	ppb
Barium	135-1	251.53	249.87	249.69	250.36	0.41	ppb
Barium	137-1	254.32	249.94	252.68	252.31	0.88	ppb
Beryllium	9-1	52.05	51.47	51.26	51.60	0.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.60	51.27	47.51	49.46	3.81	ppb
Boron	11-1	49.26	49.60	51.09	49.98	1.94	ppb
Cadmium	111-1	53.79	52.65	52.77	53.07	1.18	ppb
Cadmium	106-1	52.40	53.20	52.51	52.70	0.83	ppb
Cadmium	108-1	52.90	52.50	53.44	52.95	0.90	ppb
Calcium	43-1	4852.58	4781.36	4823.03	4818.99	0.74	ppb
Calcium	44-1	4916.09	4870.06	4875.54	4887.23	0.51	ppb
Chromium	52-2	52.13	51.78	51.90	51.94	0.35	ppb
Cobalt	59-2	52.72	52.54	52.31	52.52	0.39	ppb
Copper	63-2	105.83	105.46	105.55	105.62	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2569.77	2565.53	2579.32	2571.54	0.27	ppb
Iron	57-2	2508.45	2476.05	2486.35	2490.28	0.66	ppb
Lead	206-1	48.77	49.08	48.38	48.74	0.72	ppb
Lead	207-1	48.78	49.38	48.38	48.84	1.03	ppb
Lead	208-1	49.04	49.42	48.93	49.13	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	5124.21	5120.04	5099.58	5114.61	0.26	ppb
Manganese	55-2	102.23	101.85	101.47	101.85	0.37	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:20:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.94	48.62	48.43	48.67	0.53	ppb
Molybdenum	95-1	50.84	50.09	49.00	49.98	1.85	ppb
Molybdenum	96-1	49.05	48.84	48.16	48.68	0.95	ppb
Molybdenum	97-1	51.10	51.07	49.49	50.55	1.82	ppb
Molybdenum	98-1	49.13	48.45	47.93	48.50	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.19	54.32	53.51	54.01	0.81	ppb
Phosphorus	31-2	1085.47	1021.30	1013.62	1040.13	3.79	ppb
Potassium	39-2	2460.46	2474.81	2464.91	2466.72	0.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	55.26	51.47	45.71	50.81	9.47	ppb
Selenium	78-2	50.34	48.24	54.89	51.16	6.65	ppb
Selenium	82-1	53.31	51.23	51.69	52.08	2.10	ppb
Silicon	28-1	66.91	64.92	65.98	65.94	1.50	ppb
Silver	109-1	52.42	51.73	52.05	52.07	0.66	ppb
Silver	107-1	52.38	51.82	52.10	52.10	0.54	ppb
Sodium	23-2	5141.40	5090.35	5088.36	5106.71	0.59	ppb
Strontium	86-1	51.59	51.48	51.23	51.43	0.36	ppb
Strontium	88-1	50.64	50.45	50.04	50.38	0.61	ppb
Sulfur	34-1	978.46	834.67	807.68	873.60	10.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.15	49.11	48.39	48.55	1.03	ppb
Thallium	205-1	49.34	50.22	49.03	49.53	1.25	ppb
Tin	118-1	50.08	49.67	49.58	49.78	0.53	ppb
Titanium	47-1	51.19	51.12	51.10	51.14	0.09	ppb
Uranium	238-1	48.39	48.47	48.06	48.31	0.44	ppb
Vanadium	51-2	51.41	51.37	51.11	51.29	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.49	108.28	106.66	107.48	0.75	ppb
Zirconium	90-1	49.53	49.19	49.15	49.29	0.42	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:20:56	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.78	49.31	48.32	48.80	1.02	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:24:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2410.01	2413.05	2400.34	2407.80	0.28	ppb
Antimony	121-1	119.39	118.89	115.64	117.98	1.73	ppb
Arsenic	75-2	125.52	125.16	125.05	125.25	0.20	ppb
Barium	135-1	608.10	620.51	606.41	611.67	1.26	ppb
Barium	137-1	615.87	622.39	614.28	617.51	0.70	ppb
Beryllium	9-1	126.47	126.01	126.06	126.18	0.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	124.71	123.89	122.33	123.64	0.98	ppb
Boron	11-1	123.69	123.18	124.35	123.74	0.48	ppb
Cadmium	111-1	128.63	128.93	127.73	128.43	0.49	ppb
Cadmium	106-1	127.51	129.04	128.57	128.37	0.61	ppb
Cadmium	108-1	125.63	128.87	127.39	127.30	1.27	ppb
Calcium	43-1	11688.93	11678.11	11841.04	11736.03	0.78	ppb
Calcium	44-1	11890.23	12052.00	12084.32	12008.85	0.87	ppb
Chromium	52-2	126.87	127.25	127.04	127.05	0.15	ppb
Cobalt	59-2	128.10	128.43	127.91	128.14	0.20	ppb
Copper	63-2	257.58	257.18	254.08	256.28	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6305.97	6296.69	6288.82	6297.16	0.14	ppb
Iron	57-2	6137.60	6120.22	6078.55	6112.12	0.50	ppb
Lead	206-1	122.01	120.20	120.47	120.89	0.81	ppb
Lead	207-1	122.36	119.99	121.32	121.22	0.98	ppb
Lead	208-1	123.38	121.17	122.20	122.25	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	12625.53	12685.07	12522.76	12611.12	0.65	ppb
Manganese	55-2	249.27	248.95	247.37	248.53	0.41	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:24:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	120.97	120.08	120.76	120.60	0.38	ppb
Molybdenum	95-1	123.34	121.57	122.10	122.34	0.74	ppb
Molybdenum	96-1	120.51	120.02	119.53	120.02	0.41	ppb
Molybdenum	97-1	124.15	124.85	123.87	124.29	0.41	ppb
Molybdenum	98-1	120.82	119.14	120.40	120.12	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.79	131.14	130.68	130.87	0.18	ppb
Phosphorus	31-2	2603.16	2577.69	2543.86	2574.90	1.16	ppb
Potassium	39-2	6053.03	6056.26	6041.35	6050.21	0.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	119.95	123.81	128.52	124.09	3.46	ppb
Selenium	78-2	128.53	128.64	128.57	128.58	0.04	ppb
Selenium	82-1	127.93	125.80	127.55	127.10	0.89	ppb
Silicon	28-1	167.16	167.58	168.81	167.85	0.51	ppb
Silver	109-1	125.81	126.79	125.96	126.19	0.42	ppb
Silver	107-1	125.87	126.71	125.94	126.18	0.37	ppb
Sodium	23-2	12652.07	12587.16	12423.78	12554.34	0.94	ppb
Strontium	86-1	124.28	124.47	125.24	124.66	0.41	ppb
Strontium	88-1	123.29	124.73	124.67	124.23	0.66	ppb
Sulfur	34-1	2252.84	2281.95	2275.50	2270.10	0.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	121.74	119.40	119.86	120.33	1.03	ppb
Thallium	205-1	125.25	122.83	123.29	123.79	1.04	ppb
Tin	118-1	121.85	121.75	120.82	121.48	0.47	ppb
Titanium	47-1	125.75	125.17	126.10	125.67	0.37	ppb
Uranium	238-1	122.28	121.87	122.32	122.16	0.21	ppb
Vanadium	51-2	125.01	124.56	124.31	124.63	0.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	261.70	260.59	258.37	260.22	0.65	ppb
Zirconium	90-1	123.05	122.94	123.06	123.01	0.05	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:24:36	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.16	120.40	121.75	121.44	0.76	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:28:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4770.79	4749.60	4757.33	4759.24	0.23	ppb
Antimony	121-1	238.52	241.58	238.82	239.64	0.70	ppb
Arsenic	75-2	248.29	249.96	249.13	249.12	0.33	ppb
Barium	135-1	1212.42	1224.62	1228.91	1221.98	0.70	ppb
Barium	137-1	1235.22	1238.07	1240.68	1237.99	0.22	ppb
Beryllium	9-1	248.22	248.59	246.73	247.85	0.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	244.07	242.23	241.38	242.56	0.57	ppb
Boron	11-1	243.24	243.81	246.06	244.37	0.61	ppb
Cadmium	111-1	251.61	255.79	255.17	254.19	0.89	ppb
Cadmium	106-1	253.18	248.74	253.00	251.64	1.00	ppb
Cadmium	108-1	254.82	252.51	254.10	253.81	0.47	ppb
Calcium	43-1	23311.92	23197.91	23368.98	23292.94	0.37	ppb
Calcium	44-1	24005.03	24107.59	23733.33	23948.65	0.81	ppb
Chromium	52-2	254.25	253.11	252.52	253.29	0.35	ppb
Cobalt	59-2	253.18	255.43	256.36	254.99	0.64	ppb
Copper	63-2	507.07	508.97	511.40	509.15	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12515.96	12591.21	12437.10	12514.76	0.62	ppb
Iron	57-2	12110.96	12169.42	12172.96	12151.11	0.29	ppb
Lead	206-1	240.63	241.02	243.01	241.55	0.53	ppb
Lead	207-1	240.57	242.71	244.01	242.43	0.72	ppb
Lead	208-1	243.42	246.55	247.03	245.67	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	24825.26	24947.75	25042.95	24938.66	0.44	ppb
Manganese	55-2	495.77	495.93	495.24	495.65	0.07	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:28:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	240.65	240.37	239.57	240.20	0.23	ppb
Molybdenum	95-1	245.07	244.32	242.90	244.10	0.45	ppb
Molybdenum	96-1	238.21	239.43	235.42	237.69	0.87	ppb
Molybdenum	97-1	249.05	247.86	246.27	247.73	0.56	ppb
Molybdenum	98-1	240.93	241.64	238.41	240.33	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.82	259.14	258.85	258.60	0.27	ppb
Phosphorus	31-2	4926.57	4951.30	4987.69	4955.19	0.62	ppb
Potassium	39-2	12097.92	12102.21	12122.30	12107.48	0.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	252.25	261.88	252.43	255.52	2.16	ppb
Selenium	78-2	251.24	247.45	245.47	248.05	1.18	ppb
Selenium	82-1	251.26	254.59	250.88	252.24	0.81	ppb
Silicon	28-1	336.44	336.64	336.29	336.46	0.05	ppb
Silver	109-1	246.53	248.86	249.48	248.29	0.63	ppb
Silver	107-1	246.52	249.01	250.19	248.57	0.75	ppb
Sodium	23-2	25019.31	25099.47	25214.53	25111.10	0.39	ppb
Strontium	86-1	249.01	249.21	248.54	248.92	0.14	ppb
Strontium	88-1	249.65	247.96	248.25	248.62	0.36	ppb
Sulfur	34-1	4705.62	4703.69	4654.50	4687.94	0.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	239.76	243.76	243.75	242.42	0.95	ppb
Thallium	205-1	248.14	250.66	249.34	249.38	0.51	ppb
Tin	118-1	239.08	242.22	243.24	241.51	0.90	ppb
Titanium	47-1	249.13	251.49	245.81	248.81	1.15	ppb
Uranium	238-1	243.78	244.69	244.09	244.18	0.19	ppb
Vanadium	51-2	248.96	250.04	251.54	250.18	0.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	517.56	514.80	517.92	516.76	0.33	ppb
Zirconium	90-1	246.75	247.02	244.08	245.95	0.66	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:28:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	241.11	239.84	239.70	240.22	0.32	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:31:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9545.67	9465.69	9521.64	9511.00	0.43	ppb
Antimony	121-1	501.90	497.61	493.50	497.67	0.84	ppb
Arsenic	75-2	500.89	499.45	496.63	498.99	0.43	ppb
Barium	135-1	2512.07	2483.89	2489.40	2495.12	0.60	ppb
Barium	137-1	2518.17	2497.33	2500.66	2505.39	0.45	ppb
Beryllium	9-1	493.84	494.88	501.49	496.74	0.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	485.91	499.25	503.06	496.07	1.81	ppb
Boron	11-1	486.73	492.45	500.33	493.17	1.38	ppb
Cadmium	111-1	507.01	507.94	508.59	507.84	0.16	ppb
Cadmium	106-1	503.45	506.05	503.55	504.35	0.29	ppb
Cadmium	108-1	508.71	504.94	502.26	505.30	0.64	ppb
Calcium	43-1	46678.24	46898.99	46939.02	46838.75	0.30	ppb
Calcium	44-1	47707.86	47974.25	48405.53	48029.21	0.73	ppb
Chromium	52-2	504.71	505.35	506.05	505.37	0.13	ppb
Cobalt	59-2	507.30	503.74	507.57	506.21	0.42	ppb
Copper	63-2	1006.05	1003.69	1004.99	1004.91	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25057.84	24954.37	25218.20	25076.80	0.53	ppb
Iron	57-2	24348.64	24207.08	24355.50	24303.74	0.34	ppb
Lead	206-1	502.42	510.10	499.36	503.96	1.10	ppb
Lead	207-1	488.01	491.51	486.04	488.52	0.57	ppb
Lead	208-1	497.41	503.53	495.44	498.79	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	49883.49	49264.15	49778.40	49642.01	0.67	ppb
Manganese	55-2	989.73	991.68	993.34	991.58	0.18	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:31:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	499.45	497.68	495.37	497.50	0.41	ppb
Molybdenum	95-1	497.40	491.13	490.82	493.12	0.75	ppb
Molybdenum	96-1	485.13	480.41	482.04	482.53	0.50	ppb
Molybdenum	97-1	504.87	498.50	501.52	501.63	0.63	ppb
Molybdenum	98-1	504.77	497.86	502.08	501.57	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.74	511.73	514.29	512.59	0.29	ppb
Phosphorus	31-2	10178.76	10147.24	10159.61	10161.87	0.16	ppb
Potassium	39-2	24453.90	24438.22	24496.23	24462.78	0.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	510.55	479.22	512.29	500.69	3.72	ppb
Selenium	78-2	506.80	491.58	509.90	502.76	1.95	ppb
Selenium	82-1	505.98	503.73	500.82	503.51	0.51	ppb
Silicon	28-1	521.36	527.64	533.08	527.36	1.11	ppb
Silver	109-1	511.89	509.46	503.96	508.44	0.80	ppb
Silver	107-1	510.75	508.72	503.60	507.69	0.73	ppb
Sodium	23-2	49932.19	49657.11	49853.03	49814.11	0.28	ppb
Strontium	86-1	499.55	501.68	501.82	501.02	0.25	ppb
Strontium	88-1	499.94	499.76	493.78	497.83	0.71	ppb
Sulfur	34-1	9776.38	9911.13	10073.42	9920.31	1.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.24	507.87	493.04	500.05	1.49	ppb
Thallium	205-1	500.12	507.04	495.49	500.89	1.16	ppb
Tin	118-1	504.20	503.27	500.74	502.74	0.36	ppb
Titanium	47-1	497.25	502.17	505.18	501.53	0.80	ppb
Uranium	238-1	493.69	498.91	494.48	495.69	0.57	ppb
Vanadium	51-2	504.81	502.88	504.43	504.04	0.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1026.44	1027.68	1025.13	1026.41	0.12	ppb
Zirconium	90-1	494.65	498.97	493.85	495.82	0.56	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:31:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.91	484.76	485.15	485.61	0.24	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:35:22	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18734.17	18685.39	18809.41	18742.99	0.33	ppb
Antimony	121-1	1009.37	1001.99	1003.21	1004.86	0.39	ppb
Arsenic	75-2	1002.23	1003.24	996.49	1000.65	0.36	ppb
Barium	135-1	5000.93	4982.83	5049.52	5011.10	0.69	ppb
Barium	137-1	5001.26	4967.36	5034.78	5001.13	0.67	ppb
Beryllium	9-1	1010.54	997.33	997.96	1001.94	0.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1002.11	1012.49	997.75	1004.12	0.75	ppb
Boron	11-1	1006.81	1006.84	1001.61	1005.09	0.30	ppb
Cadmium	111-1	991.31	989.84	1002.20	994.45	0.68	ppb
Cadmium	106-1	988.71	995.24	1006.62	996.86	0.91	ppb
Cadmium	108-1	986.38	985.37	1016.14	995.96	1.76	ppb
Calcium	43-1	93415.22	93593.19	93512.61	93507.01	0.10	ppb
Calcium	44-1	96067.49	96026.76	95928.65	96007.63	0.07	ppb
Chromium	52-2	998.52	990.23	999.67	996.14	0.52	ppb
Cobalt	59-2	992.67	994.81	997.91	995.13	0.26	ppb
Copper	63-2	1997.65	1977.11	2007.81	1994.19	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49194.24	48832.23	49329.33	49118.60	0.52	ppb
Iron	57-2	47936.27	47722.37	47884.28	47847.64	0.23	ppb
Lead	206-1	1004.50	999.82	997.80	1000.71	0.34	ppb
Lead	207-1	1011.26	1004.29	1008.94	1008.16	0.35	ppb
Lead	208-1	1004.70	1001.13	1000.39	1002.07	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	97568.97	96670.12	97417.91	97219.00	0.50	ppb
Manganese	55-2	2018.72	1998.67	1998.78	2005.39	0.58	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:35:22	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1005.67	1010.11	997.22	1004.33	0.65	ppb
Molybdenum	95-1	1001.66	1008.67	1005.44	1005.26	0.35	ppb
Molybdenum	96-1	1011.90	1021.19	1004.45	1012.51	0.83	ppb
Molybdenum	97-1	995.70	1005.23	998.53	999.82	0.49	ppb
Molybdenum	98-1	994.11	1010.89	1001.97	1002.32	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.63	989.80	994.44	990.62	0.35	ppb
Phosphorus	31-2	19745.60	19893.69	20117.40	19918.90	0.94	ppb
Potassium	39-2	48246.46	48118.25	48124.46	48163.06	0.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	970.36	1008.21	1016.47	998.35	2.46	ppb
Selenium	78-2	993.71	1002.82	999.29	998.61	0.46	ppb
Selenium	82-1	997.23	998.69	996.03	997.32	0.13	ppb
Silicon	28-1	958.80	954.42	962.45	958.56	0.42	ppb
Silver	109-1	992.30	984.84	1010.73	995.96	1.34	ppb
Silver	107-1	992.68	986.56	1009.54	996.26	1.20	ppb
Sodium	23-2	98814.57	97815.24	98479.51	98369.77	0.52	ppb
Strontium	86-1	997.93	1003.69	997.57	999.73	0.34	ppb
Strontium	88-1	1002.67	1003.05	998.81	1001.51	0.23	ppb
Sulfur	34-1	20057.46	20139.33	20261.97	20152.92	0.51	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1003.73	996.75	1007.09	1002.52	0.53	ppb
Thallium	205-1	1002.12	1001.14	996.40	999.89	0.31	ppb
Tin	118-1	1001.72	992.71	1009.20	1001.21	0.82	ppb
Titanium	47-1	996.07	1001.79	1000.32	999.39	0.30	ppb
Uranium	238-1	1001.19	1008.00	1002.95	1004.05	0.35	ppb
Vanadium	51-2	999.70	993.82	1000.24	997.92	0.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1982.65	1972.08	1988.12	1980.95	0.41	ppb
Zirconium	90-1	1002.15	1011.34	996.67	1003.38	0.74	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:35:22	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1002.05	1018.56	1009.84	1010.15	0.82	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:38:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100261.25	100285.70	100397.75	100314.90	0.07	ppb
Antimony	121-1	4.53	5.00	5.42	4.98	8.92	ppb
Arsenic	75-2	1.43	1.90	1.78	1.70	14.37	ppb
Barium	135-1	1.96	2.00	2.15	2.04	4.99	ppb
Barium	137-1	1.99	2.02	1.98	2.00	1.18	ppb
Beryllium	9-1	0.41	0.36	0.38	0.39	6.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.37	23.23	21.44	22.68	4.74	ppb
Boron	11-1	23.93	21.36	21.43	22.24	6.59	ppb
Cadmium	111-1	0.38	0.30	0.28	0.32	17.35	ppb
Cadmium	106-1	0.65	0.35	0.42	0.48	32.30	ppb
Cadmium	108-1	0.29	0.57	0.40	0.42	33.74	ppb
Calcium	43-1	500305.83	504269.46	500587.98	501721.09	0.44	ppb
Calcium	44-1	498833.52	502869.08	501482.26	501061.62	0.41	ppb
Chromium	52-2	20.76	20.57	20.72	20.68	0.47	ppb
Cobalt	59-2	1.43	1.43	1.42	1.43	0.58	ppb
Copper	63-2	2.88	2.82	2.77	2.82	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	249547.48	250163.07	250787.35	250165.97	0.25	ppb
Iron	57-2	249069.20	251066.54	251427.53	250521.09	0.51	ppb
Lead	206-1	2.44	2.38	2.36	2.39	1.69	ppb
Lead	207-1	2.21	2.24	2.24	2.23	0.87	ppb
Lead	208-1	2.33	2.32	2.32	2.32	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	499636.16	503494.93	498642.57	500591.22	0.51	ppb
Manganese	55-2	7.17	6.90	7.05	7.04	1.93	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:38:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.01	2.13	2.33	2.16	7.46	ppb
Molybdenum	95-1	5.12	5.58	6.20	5.63	9.54	ppb
Molybdenum	96-1	5.02	5.14	5.62	5.26	6.01	ppb
Molybdenum	97-1	5.05	5.66	6.26	5.66	10.66	ppb
Molybdenum	98-1	5.02	5.35	6.07	5.48	9.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.56	12.43	12.67	12.55	0.94	ppb
Phosphorus	31-2	3.71	0.27	19.93	7.97	131.72	ppb
Potassium	39-2	249304.42	251099.10	250935.19	250446.24	0.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.81	3.03	2.98	2.61	26.46	ppb
Selenium	78-2	1.86	2.64	2.69	2.39	19.36	ppb
Selenium	82-1	1.73	2.14	3.02	2.30	28.55	ppb
Silicon	28-1	88.29	93.24	97.46	92.99	4.94	ppb
Silver	109-1	0.25	0.24	0.24	0.24	1.78	ppb
Silver	107-1	0.25	0.24	0.24	0.24	1.61	ppb
Sodium	23-2	502042.48	499234.85	499732.84	500336.72	0.30	ppb
Strontium	86-1	34.69	34.41	34.70	34.60	0.47	ppb
Strontium	88-1	34.13	34.18	34.47	34.26	0.53	ppb
Sulfur	34-1	-412.02	-392.17	-307.06	-370.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.69	0.66	0.65	0.67	2.94	ppb
Thallium	205-1	0.74	0.73	0.69	0.72	3.36	ppb
Tin	118-1	1.47	1.59	1.67	1.58	6.55	ppb
Titanium	47-1	1.67	1.45	1.42	1.51	9.05	ppb
Uranium	238-1	0.96	0.95	0.95	0.96	0.74	ppb
Vanadium	51-2	0.55	0.53	0.53	0.54	1.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	19.16	18.86	18.99	19.01	0.78	ppb
Zirconium	90-1	0.68	0.69	0.73	0.70	3.72	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:38:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.71	0.73	0.74	0.73	2.34	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:42:36	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	526.10	535.02	530.07	530.40	0.84	ppb
Antimony	121-1	208.45	208.78	207.13	208.12	0.42	ppb
Arsenic	75-2	212.92	213.17	213.69	213.26	0.19	ppb
Barium	135-1	105.27	107.74	107.11	106.70	1.20	ppb
Barium	137-1	106.99	108.25	108.05	107.76	0.63	ppb
Beryllium	9-1	106.33	106.83	106.40	106.52	0.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	521.93	532.19	525.26	526.46	0.99	ppb
Boron	11-1	526.18	523.74	531.03	526.99	0.70	ppb
Cadmium	111-1	108.55	109.06	108.44	108.68	0.31	ppb
Cadmium	106-1	188.39	193.53	189.21	190.38	1.45	ppb
Cadmium	108-1	155.69	156.02	157.53	156.42	0.63	ppb
Calcium	43-1	2202.36	2249.81	2211.81	2221.33	1.13	ppb
Calcium	44-1	2166.97	2199.30	2177.78	2181.35	0.75	ppb
Chromium	52-2	103.89	104.83	105.13	104.62	0.62	ppb
Cobalt	59-2	107.37	107.94	107.47	107.59	0.28	ppb
Copper	63-2	106.66	107.79	107.09	107.18	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1054.09	1062.26	1053.44	1056.60	0.46	ppb
Iron	57-2	1043.58	1057.75	1047.49	1049.61	0.70	ppb
Lead	206-1	207.84	210.63	207.57	208.68	0.81	ppb
Lead	207-1	199.36	203.03	200.98	201.12	0.91	ppb
Lead	208-1	206.42	209.08	207.25	207.59	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	1283.52	1280.37	1276.01	1279.97	0.29	ppb
Manganese	55-2	103.95	105.12	105.36	104.81	0.72	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:42:36	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	475.15	468.16	470.82	471.38	0.75	ppb
Molybdenum	95-1	478.35	471.12	476.37	475.28	0.79	ppb
Molybdenum	96-1	466.22	459.04	460.81	462.02	0.81	ppb
Molybdenum	97-1	485.21	479.11	483.07	482.46	0.64	ppb
Molybdenum	98-1	492.43	482.11	484.27	486.27	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.22	110.68	109.64	109.85	0.68	ppb
Phosphorus	31-2	17.89	-4.38	11.65	8.39	136.94	ppb
Potassium	39-2	2107.76	2108.08	2087.96	2101.27	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	206.24	213.81	221.28	213.78	3.52	ppb
Selenium	78-2	216.15	215.48	215.51	215.72	0.18	ppb
Selenium	82-1	212.40	208.92	212.18	211.17	0.92	ppb
Silicon	28-1	490.89	498.01	501.26	496.72	1.07	ppb
Silver	109-1	109.25	110.27	110.22	109.92	0.52	ppb
Silver	107-1	109.28	110.47	110.22	109.99	0.57	ppb
Sodium	23-2	2177.56	2200.10	2173.95	2183.87	0.65	ppb
Strontium	86-1	488.43	482.38	489.42	486.74	0.78	ppb
Strontium	88-1	488.56	486.26	487.04	487.28	0.24	ppb
Sulfur	34-1	-200.15	-209.93	-305.17	-238.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	207.34	211.30	208.83	209.15	0.96	ppb
Thallium	205-1	215.29	217.91	214.99	216.07	0.74	ppb
Tin	118-1	508.63	507.79	508.48	508.30	0.09	ppb
Titanium	47-1	478.84	480.85	479.66	479.78	0.21	ppb
Uranium	238-1	465.03	472.23	470.78	469.35	0.81	ppb
Vanadium	51-2	104.05	104.45	104.03	104.18	0.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	214.73	214.11	215.60	214.82	0.35	ppb
Zirconium	90-1	469.04	465.76	468.57	467.79	0.38	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:42:36	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	455.56	448.69	452.01	452.08	0.76	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:48:14	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	0.54	0.65	0.63	12.36	ppb
Antimony	121-1	0.61	0.91	1.26	0.93	35.38	ppb
Arsenic	75-2	0.28	0.31	0.35	0.31	12.01	ppb
Barium	135-1	0.02	0.01	0.02	0.02	32.44	ppb
Barium	137-1	0.01	0.02	0.03	0.02	46.68	ppb
Beryllium	9-1	0.08	0.07	0.04	0.06	33.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.70	7.80	7.75	8.08	6.59	ppb
Boron	11-1	8.02	7.40	7.38	7.60	4.80	ppb
Cadmium	111-1	0.00	0.01	0.01	0.01	80.38	ppb
Cadmium	106-1	-0.81	0.07	0.75	0.00	20154.08	ppb
Cadmium	108-1	-0.04	-0.04	-0.03	-0.04		ppb
Calcium	43-1	2.71	2.16	3.13	2.66	18.36	ppb
Calcium	44-1	4.07	4.14	4.31	4.17	3.02	ppb
Chromium	52-2	0.10	0.10	0.13	0.11	19.41	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.15	-0.16	-0.16	-0.16		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.67	1.82	1.71	1.73	4.43	ppb
Iron	57-2	1.29	1.34	2.39	1.67	37.07	ppb
Lead	206-1	0.15	0.14	0.13	0.14	6.65	ppb
Lead	207-1	0.12	0.14	0.13	0.13	7.58	ppb
Lead	208-1	0.13	0.14	0.13	0.13	5.51	ppb
Lithium	6-1						%
Magnesium	24-2	1.16	1.14	1.16	1.15	1.01	ppb
Manganese	55-2	0.03	0.02	0.01	0.02	56.77	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:48:14	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.11	0.16	0.12	33.92	ppb
Molybdenum	95-1	0.19	0.30	0.41	0.30	36.53	ppb
Molybdenum	96-1	0.18	0.24	0.29	0.24	23.93	ppb
Molybdenum	97-1	0.20	0.29	0.37	0.29	28.05	ppb
Molybdenum	98-1	0.21	0.28	0.37	0.29	26.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.03	-0.03		ppb
Phosphorus	31-2	12.84	-4.05	5.34	4.71	179.75	ppb
Potassium	39-2	19.73	24.54	17.36	20.54	17.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.86	0.29	173.21	ppb
Selenium	78-2	0.52	0.85	0.25	0.54	55.39	ppb
Selenium	82-1	0.73	0.46	-0.33	0.28	194.24	ppb
Silicon	28-1	4.06	6.34	5.49	5.30	21.76	ppb
Silver	109-1	0.00	0.01	0.01	0.01	38.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.92	ppb
Sodium	23-2	45.62	46.92	48.20	46.91	2.74	ppb
Strontium	86-1	-0.04	-0.01	0.02	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	28.59	ppb
Sulfur	34-1	51.13	272.34	23.71	115.73	117.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.05	0.05	5.81	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	4.71	ppb
Tin	118-1	0.16	0.20	0.26	0.20	24.26	ppb
Titanium	47-1	0.05	0.07	0.01	0.04	63.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.34	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	129.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.11	0.19	0.17	0.16	25.28	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	38.78	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:48:14	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	9.57	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:51:44	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87622.29	86883.35	86892.13	87132.59	0.49	ppb
Antimony	121-1	1.06	1.09	1.24	1.13	8.62	ppb
Arsenic	75-2	0.36	0.42	0.44	0.41	10.78	ppb
Barium	135-1	1.35	1.36	1.38	1.36	0.85	ppb
Barium	137-1	1.43	1.33	1.40	1.38	3.69	ppb
Beryllium	9-1	0.29	0.32	0.33	0.31	6.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.80	5.84	4.63	5.09	12.93	ppb
Boron	11-1	5.31	5.45	5.72	5.49	3.84	ppb
Cadmium	111-1	0.24	0.18	0.21	0.21	14.68	ppb
Cadmium	106-1	-1.43	-0.59	-1.08	-1.03		ppb
Cadmium	108-1	13.74	12.99	13.93	13.56	3.66	ppb
Calcium	43-1	86973.93	87738.77	88146.00	87619.57	0.68	ppb
Calcium	44-1	89880.89	90979.08	90887.26	90582.41	0.67	ppb
Chromium	52-2	18.09	18.20	18.29	18.19	0.56	ppb
Cobalt	59-2	1.08	1.07	1.07	1.07	0.48	ppb
Copper	63-2	7.17	7.09	7.17	7.14	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	91839.70	91943.02	92092.64	91958.46	0.14	ppb
Iron	57-2	92189.21	91573.10	92014.04	91925.45	0.35	ppb
Lead	206-1	4.32	4.30	4.22	4.28	1.21	ppb
Lead	207-1	3.67	3.66	3.69	3.67	0.52	ppb
Lead	208-1	3.94	3.94	3.92	3.93	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	92778.56	91836.56	92126.07	92247.06	0.52	ppb
Manganese	55-2	7.10	7.06	7.06	7.07	0.33	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:51:44	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	555.83	564.76	554.89	558.49	0.98	ppb
Molybdenum	95-1	1847.27	1849.24	1850.46	1848.99	0.09	ppb
Molybdenum	96-1	1535.18	1542.52	1551.09	1542.93	0.52	ppb
Molybdenum	97-1	1889.96	1900.34	1898.04	1896.11	0.29	ppb
Molybdenum	98-1	1831.70	1851.94	1830.86	1838.17	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.01	4.96	4.87	4.95	1.43	ppb
Phosphorus	31-2	96159.78	96257.13	95506.98	95974.63	0.43	ppb
Potassium	39-2	92181.37	92319.78	91824.77	92108.64	0.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.57	0.19	173.21	ppb
Selenium	78-2	-0.02	-0.53	0.50	-0.02		ppb
Selenium	82-1	0.92	0.73	0.40	0.68	38.21	ppb
Silicon	28-1	24.46	25.26	25.94	25.22	2.95	ppb
Silver	109-1	0.07	0.09	0.11	0.09	19.02	ppb
Silver	107-1	0.08	0.09	0.10	0.09	14.22	ppb
Sodium	23-2	94221.06	93343.01	93121.57	93561.88	0.62	ppb
Strontium	86-1	31.81	31.33	31.08	31.41	1.19	ppb
Strontium	88-1	31.10	31.14	31.05	31.10	0.15	ppb
Sulfur	34-1	67956.89	68539.93	68839.95	68445.59	0.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.08	0.09	0.08	9.29	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	9.87	ppb
Tin	118-1	0.20	0.19	0.20	0.20	4.05	ppb
Titanium	47-1	1840.26	1846.55	1871.85	1852.89	0.90	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.65	ppb
Vanadium	51-2	0.14	0.16	0.15	0.15	6.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.07	10.97	10.70	10.91	1.73	ppb
Zirconium	90-1	0.12	0.10	0.12	0.11	10.38	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:51:44	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.14	0.12	0.13	6.87	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:55:10	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88532.07	87363.41	87396.28	87763.92	0.76	ppb
Antimony	121-1	18.75	18.55	18.85	18.72	0.81	ppb
Arsenic	75-2	19.16	18.91	19.22	19.10	0.85	ppb
Barium	135-1	19.99	19.40	19.82	19.73	1.54	ppb
Barium	137-1	19.90	19.71	20.37	19.99	1.70	ppb
Beryllium	9-1	20.66	20.50	20.61	20.59	0.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.75	46.24	46.18	45.39	3.13	ppb
Boron	11-1	45.95	45.05	46.86	45.95	1.97	ppb
Cadmium	111-1	18.89	18.60	19.06	18.85	1.24	ppb
Cadmium	106-1	21.48	22.18	20.97	21.54	2.81	ppb
Cadmium	108-1	34.05	33.33	33.99	33.79	1.18	ppb
Calcium	43-1	87054.63	87625.98	87677.41	87452.67	0.40	ppb
Calcium	44-1	89720.95	90675.07	89987.52	90127.85	0.55	ppb
Chromium	52-2	37.06	36.72	36.66	36.82	0.59	ppb
Cobalt	59-2	19.55	19.68	19.52	19.58	0.45	ppb
Copper	63-2	25.70	25.57	25.46	25.58	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	93001.11	93052.54	92326.35	92793.33	0.44	ppb
Iron	57-2	93221.47	93009.44	92506.43	92912.45	0.40	ppb
Lead	206-1	22.91	22.91	23.07	22.96	0.41	ppb
Lead	207-1	21.10	21.20	21.39	21.23	0.68	ppb
Lead	208-1	22.00	22.05	22.20	22.08	0.48	ppb
Lithium	6-1						%
Magnesium	24-2	93752.08	93783.36	92748.76	93428.07	0.63	ppb
Manganese	55-2	25.58	25.65	25.37	25.54	0.57	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:55:10	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	592.41	602.95	591.72	595.69	1.06	ppb
Molybdenum	95-1	1890.85	1916.84	1877.61	1895.10	1.05	ppb
Molybdenum	96-1	1576.69	1581.92	1563.71	1574.11	0.60	ppb
Molybdenum	97-1	1926.18	1956.98	1914.76	1932.64	1.13	ppb
Molybdenum	98-1	1879.00	1911.35	1869.24	1886.53	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.19	23.55	23.17	23.30	0.91	ppb
Phosphorus	31-2	96265.22	96925.96	96484.61	96558.60	0.35	ppb
Potassium	39-2	92990.65	93355.82	92946.32	93097.59	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	26.03	22.23	18.92	22.39	15.89	ppb
Selenium	78-2	17.57	16.51	19.21	17.76	7.65	ppb
Selenium	82-1	18.85	20.03	19.09	19.32	3.23	ppb
Silicon	28-1	74.23	75.02	74.99	74.75	0.60	ppb
Silver	109-1	17.63	17.73	17.82	17.73	0.54	ppb
Silver	107-1	17.62	17.69	17.83	17.71	0.59	ppb
Sodium	23-2	94217.82	94438.40	94034.17	94230.13	0.21	ppb
Strontium	86-1	68.45	68.16	68.13	68.25	0.26	ppb
Strontium	88-1	67.21	68.47	66.74	67.47	1.33	ppb
Sulfur	34-1	68656.62	67725.29	68794.69	68392.20	0.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	18.31	18.37	18.50	18.39	0.53	ppb
Thallium	205-1	18.77	18.83	19.07	18.89	0.85	ppb
Tin	118-1	34.96	34.88	35.46	35.10	0.89	ppb
Titanium	47-1	1888.28	1897.02	1877.52	1887.61	0.52	ppb
Uranium	238-1	36.20	35.92	35.94	36.02	0.43	ppb
Vanadium	51-2	18.61	18.72	18.28	18.53	1.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	28.89	28.96	29.21	29.02	0.57	ppb
Zirconium	90-1	34.48	35.03	34.40	34.64	0.99	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:55:10	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	34.48	34.57	34.26	34.43	0.46	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:58:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9545.56	9511.79	9575.07	9544.14	0.33	ppb
Antimony	121-1	520.15	512.55	514.46	515.72	0.77	ppb
Arsenic	75-2	511.32	508.09	510.19	509.87	0.32	ppb
Barium	135-1	2556.09	2558.85	2564.14	2559.69	0.16	ppb
Barium	137-1	2567.03	2556.26	2567.96	2563.75	0.25	ppb
Beryllium	9-1	543.00	544.39	545.21	544.20	0.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	534.54	548.56	544.30	542.47	1.32	ppb
Boron	11-1	537.85	550.65	552.15	546.88	1.44	ppb
Cadmium	111-1	515.67	518.64	521.86	518.73	0.60	ppb
Cadmium	106-1	527.79	519.55	522.70	523.34	0.79	ppb
Cadmium	108-1	527.06	519.60	522.65	523.10	0.72	ppb
Calcium	43-1	46764.85	46360.62	47002.65	46709.37	0.69	ppb
Calcium	44-1	48533.21	48054.68	48339.41	48309.10	0.50	ppb
Chromium	52-2	498.24	493.87	496.34	496.15	0.44	ppb
Cobalt	59-2	491.96	490.75	492.56	491.75	0.19	ppb
Copper	63-2	1001.20	991.85	996.32	996.46	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24392.30	24555.98	24857.44	24601.91	0.96	ppb
Iron	57-2	23611.02	23625.64	23795.51	23677.39	0.43	ppb
Lead	206-1	508.10	502.39	509.26	506.58	0.73	ppb
Lead	207-1	485.58	485.17	487.22	485.99	0.22	ppb
Lead	208-1	499.86	497.47	504.86	500.73	0.75	ppb
Lithium	6-1						%
Magnesium	24-2	49745.98	49802.99	49973.96	49840.98	0.24	ppb
Manganese	55-2	970.19	973.34	980.12	974.55	0.52	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:58:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	509.78	497.53	507.27	504.86	1.28	ppb
Molybdenum	95-1	494.85	486.60	497.26	492.90	1.13	ppb
Molybdenum	96-1	484.49	478.45	486.53	483.15	0.87	ppb
Molybdenum	97-1	502.14	497.60	503.70	501.15	0.63	ppb
Molybdenum	98-1	512.22	506.43	510.98	509.88	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.78	492.86	495.02	493.89	0.22	ppb
Phosphorus	31-2	10250.32	10036.86	10188.15	10158.44	1.08	ppb
Potassium	39-2	24896.68	24832.38	25157.37	24962.14	0.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.99	515.01	500.75	509.25	1.48	ppb
Selenium	78-2	514.26	505.20	511.32	510.26	0.91	ppb
Selenium	82-1	511.81	500.47	512.28	508.19	1.32	ppb
Silicon	28-1	530.45	532.87	534.20	532.51	0.36	ppb
Silver	109-1	527.51	526.46	524.47	526.15	0.29	ppb
Silver	107-1	528.86	526.31	526.05	527.08	0.29	ppb
Sodium	23-2	50377.25	50222.44	50561.54	50387.08	0.34	ppb
Strontium	86-1	502.43	497.84	506.94	502.41	0.91	ppb
Strontium	88-1	498.04	502.35	504.88	501.76	0.69	ppb
Sulfur	34-1	9637.64	9612.83	9571.63	9607.37	0.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.70	497.05	507.26	502.67	1.03	ppb
Thallium	205-1	503.22	501.79	502.84	502.62	0.15	ppb
Tin	118-1	520.89	518.65	526.05	521.86	0.73	ppb
Titanium	47-1	500.83	497.84	500.85	499.84	0.35	ppb
Uranium	238-1	501.98	492.83	502.30	499.04	1.08	ppb
Vanadium	51-2	495.44	495.61	496.79	495.94	0.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	979.52	977.02	993.32	983.29	0.89	ppb
Zirconium	90-1	502.52	505.46	504.60	504.19	0.30	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:58:36	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.48	482.33	488.60	485.80	0.66	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:14:34	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.26	0.74	0.49	49.22	ppb
Antimony	121-1	0.38	0.79	1.16	0.78	50.37	ppb
Arsenic	75-2	0.08	0.10	0.10	0.09	15.38	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	3659.20	ppb
Barium	137-1	0.00	0.01	0.01	0.01	47.27	ppb
Beryllium	9-1	0.04	0.03	0.04	0.03	21.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.41	3.78	2.89	3.36	13.26	ppb
Boron	11-1	2.91	3.08	3.11	3.04	3.60	ppb
Cadmium	111-1	-0.01	-0.01	0.00	0.00		ppb
Cadmium	106-1	-1.35	-0.79	0.00	-0.72		ppb
Cadmium	108-1	-0.09	-0.01	0.00	-0.03		ppb
Calcium	43-1	0.51	3.15	1.87	1.84	71.78	ppb
Calcium	44-1	2.87	2.83	2.44	2.71	8.69	ppb
Chromium	52-2	0.10	0.11	0.10	0.10	5.06	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.13	-0.15	-0.13	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.57	0.72	0.69	0.66	12.29	ppb
Iron	57-2	0.18	0.99	-0.12	0.35	163.56	ppb
Lead	206-1	0.07	0.07	0.06	0.06	9.69	ppb
Lead	207-1	0.05	0.06	0.06	0.06	15.37	ppb
Lead	208-1	0.06	0.06	0.06	0.06	3.38	ppb
Lithium	6-1						%
Magnesium	24-2	0.43	0.47	0.44	0.45	4.86	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:14:34	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.07	0.11	0.07	44.76	ppb
Molybdenum	95-1	0.12	0.20	0.24	0.19	32.83	ppb
Molybdenum	96-1	0.10	0.13	0.21	0.15	38.68	ppb
Molybdenum	97-1	0.11	0.18	0.22	0.17	32.89	ppb
Molybdenum	98-1	0.11	0.17	0.26	0.18	40.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	12.24	7.92	3.19	7.78	58.19	ppb
Potassium	39-2	23.47	27.59	17.09	22.71	23.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.58	0.29	0.29	100.03	ppb
Selenium	78-2	0.61	-0.51	-0.22	-0.04		ppb
Selenium	82-1	0.90	0.13	0.78	0.61	68.12	ppb
Silicon	28-1	5.23	5.01	4.56	4.93	6.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.53	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.92	ppb
Sodium	23-2	32.90	33.71	31.74	32.78	3.03	ppb
Strontium	86-1	0.02	0.05	0.05	0.04	41.64	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	61.69	ppb
Sulfur	34-1	296.68	152.46	138.02	195.72	44.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	17.81	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	16.26	ppb
Tin	118-1	0.08	0.06	0.08	0.07	19.39	ppb
Titanium	47-1	0.00	0.02	0.03	0.02	78.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	599.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.20	0.18	0.19	0.19	2.88	ppb
Zirconium	90-1	0.00	0.01	0.04	0.01	126.10	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:14:34	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.04	0.02	92.05	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:18:03	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.14	16.82	17.40	17.79	6.78	ppb
Antimony	121-1	1.68	1.78	1.77	1.74	3.33	ppb
Arsenic	75-2	0.99	1.02	0.96	0.99	2.78	ppb
Barium	135-1	8.57	8.80	8.49	8.62	1.82	ppb
Barium	137-1	8.64	8.61	8.71	8.65	0.55	ppb
Beryllium	9-1	1.08	1.02	0.99	1.03	4.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.68	25.28	25.45	25.14	1.61	ppb
Boron	11-1	24.66	24.96	24.89	24.84	0.63	ppb
Cadmium	111-1	0.88	0.81	0.93	0.87	6.44	ppb
Cadmium	106-1	1.19	0.16	0.60	0.65	79.31	ppb
Cadmium	108-1	1.21	0.85	0.72	0.93	26.96	ppb
Calcium	43-1	396.29	410.10	395.97	400.79	2.01	ppb
Calcium	44-1	411.59	411.92	405.22	409.57	0.92	ppb
Chromium	52-2	1.95	1.96	2.00	1.97	1.30	ppb
Cobalt	59-2	0.89	0.87	0.88	0.88	1.12	ppb
Copper	63-2	1.86	1.91	1.90	1.89	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.80	43.80	44.56	44.06	1.00	ppb
Iron	57-2	39.16	42.79	43.66	41.87	5.70	ppb
Lead	206-1	0.95	0.96	0.95	0.95	0.87	ppb
Lead	207-1	0.89	0.89	0.95	0.91	3.86	ppb
Lead	208-1	0.93	0.93	0.95	0.94	1.55	ppb
Lithium	6-1						%
Magnesium	24-2	428.34	424.24	426.41	426.33	0.48	ppb
Manganese	55-2	0.91	0.91	0.92	0.92	0.19	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:18:03	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.79	1.88	1.85	1.84	2.55	ppb
Molybdenum	95-1	4.22	4.29	4.19	4.24	1.16	ppb
Molybdenum	96-1	3.62	3.56	3.62	3.60	1.03	ppb
Molybdenum	97-1	4.19	4.34	4.40	4.31	2.62	ppb
Molybdenum	98-1	4.04	4.10	4.15	4.09	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.98	0.93	0.92	7.29	ppb
Phosphorus	31-2	2.78	-3.36	-2.98	-1.19		ppb
Potassium	39-2	434.00	432.79	441.96	436.25	1.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.72	3.98	5.15	4.28	17.78	ppb
Selenium	78-2	4.59	4.28	4.08	4.32	6.04	ppb
Selenium	82-1	5.91	5.09	4.40	5.13	14.77	ppb
Silicon	28-1	15.46	15.81	14.23	15.17	5.48	ppb
Silver	109-1	1.16	1.23	1.20	1.19	2.78	ppb
Silver	107-1	1.17	1.22	1.19	1.19	1.86	ppb
Sodium	23-2	467.65	464.68	469.21	467.18	0.49	ppb
Strontium	86-1	0.88	1.07	0.95	0.97	9.98	ppb
Strontium	88-1	0.93	0.93	0.89	0.91	2.65	ppb
Sulfur	34-1	619.91	337.50	238.14	398.52	49.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.85	0.84	0.87	3.35	ppb
Thallium	205-1	0.87	0.86	0.84	0.86	1.98	ppb
Tin	118-1	4.25	4.20	4.29	4.25	1.08	ppb
Titanium	47-1	4.24	4.41	4.03	4.23	4.50	ppb
Uranium	238-1	0.81	0.81	0.80	0.81	0.92	ppb
Vanadium	51-2	4.23	4.22	4.30	4.25	1.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.99	2.01	2.20	2.07	5.57	ppb
Zirconium	90-1	0.84	0.85	0.86	0.85	1.30	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:18:03	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.89	0.85	0.86	3.25	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BLRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:21:31	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.02	0.03	0.10	127.68	ppb
Antimony	121-1	-0.25	-0.24	-0.20	-0.23		ppb
Arsenic	75-2	0.03	0.01	0.04	0.02	68.58	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	34.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.40	2.09	1.99	2.16	9.93	ppb
Boron	11-1	2.31	2.05	1.88	2.08	10.29	ppb
Cadmium	111-1	-0.01	0.00	0.00	0.00		ppb
Cadmium	106-1	-1.18	-0.10	-0.14	-0.47		ppb
Cadmium	108-1	-0.02	-0.05	-0.07	-0.05		ppb
Calcium	43-1	1.82	-0.79	-1.33	-0.10		ppb
Calcium	44-1	-0.63	-0.55	-1.00	-0.73		ppb
Chromium	52-2	0.02	-0.01	0.01	0.01	295.36	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.20	-0.18	-0.17	-0.18		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.17	0.04	0.03	0.08	95.95	ppb
Iron	57-2	-0.17	0.26	0.07	0.05	405.53	ppb
Lead	206-1	0.05	0.04	0.03	0.04	25.70	ppb
Lead	207-1	0.03	0.02	0.04	0.03	25.97	ppb
Lead	208-1	0.04	0.03	0.03	0.03	16.57	ppb
Lithium	6-1						%
Magnesium	24-2	0.38	0.26	0.22	0.29	28.12	ppb
Manganese	55-2	-0.03	-0.03	-0.02	-0.03		ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BLRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:21:31	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.02	0.01	0.01	274.33	ppb
Molybdenum	95-1	0.00	0.01	0.06	0.02	138.71	ppb
Molybdenum	96-1	-0.01	0.02	0.04	0.02	137.70	ppb
Molybdenum	97-1	0.01	0.03	0.05	0.03	63.81	ppb
Molybdenum	98-1	0.01	0.04	0.08	0.04	80.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	6.54	0.25	-11.40	-1.54		ppb
Potassium	39-2	16.83	14.36	14.94	15.37	8.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.28	0.00	0.55	0.28	100.08	ppb
Selenium	78-2	0.26	0.40	0.22	0.29	33.72	ppb
Selenium	82-1	0.17	-0.25	0.31	0.08	390.99	ppb
Silicon	28-1	-2.98	-2.84	-4.02	-3.28		ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.21	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.37	ppb
Sodium	23-2	20.05	20.82	21.03	20.64	2.50	ppb
Strontium	86-1	-0.01	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	42.84	-89.63	48.53	0.58	13460.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.01	33.03	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	218.90	ppb
Titanium	47-1	0.02	0.02	0.01	0.02	46.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	0.00	0.06	0.04	85.03	ppb
Zirconium	90-1	-0.02	-0.03	-0.02	-0.02		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BLRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:21:31	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.02	-0.02	-0.02		ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BSRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:25:00	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9502.82	9621.30	9621.47	9581.86	0.71	ppb
Antimony	121-1	512.01	519.52	507.81	513.12	1.16	ppb
Arsenic	75-2	515.03	513.33	516.59	514.98	0.32	ppb
Barium	135-1	2532.49	2561.82	2552.15	2548.82	0.59	ppb
Barium	137-1	2553.70	2560.99	2542.97	2552.55	0.36	ppb
Beryllium	9-1	542.95	542.26	543.26	542.82	0.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	523.32	531.62	539.45	531.46	1.52	ppb
Boron	11-1	528.81	534.30	539.41	534.18	0.99	ppb
Cadmium	111-1	522.10	522.90	526.55	523.85	0.45	ppb
Cadmium	106-1	533.50	531.48	533.15	532.71	0.20	ppb
Cadmium	108-1	527.62	534.83	533.03	531.83	0.71	ppb
Calcium	43-1	46801.23	47093.93	47039.71	46978.29	0.33	ppb
Calcium	44-1	48504.17	48715.65	48589.29	48603.03	0.22	ppb
Chromium	52-2	499.65	507.78	507.00	504.81	0.89	ppb
Cobalt	59-2	497.74	504.12	502.56	501.47	0.66	ppb
Copper	63-2	1014.20	1021.80	1019.24	1018.41	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24865.58	25158.81	24978.79	25001.06	0.59	ppb
Iron	57-2	23882.32	24143.75	24257.67	24094.58	0.80	ppb
Lead	206-1	509.80	505.66	505.19	506.89	0.50	ppb
Lead	207-1	485.11	486.40	485.87	485.80	0.13	ppb
Lead	208-1	501.59	500.10	500.21	500.63	0.17	ppb
Lithium	6-1						%
Magnesium	24-2	49956.53	50538.02	50457.19	50317.24	0.63	ppb
Manganese	55-2	981.53	992.69	987.21	987.14	0.57	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BSRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:25:00	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.26	501.21	507.37	504.28	0.61	ppb
Molybdenum	95-1	496.03	492.22	500.34	496.19	0.82	ppb
Molybdenum	96-1	482.65	482.00	487.85	484.17	0.66	ppb
Molybdenum	97-1	502.24	500.58	505.78	502.87	0.53	ppb
Molybdenum	98-1	506.02	502.71	511.35	506.69	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.27	510.31	507.71	506.10	1.03	ppb
Phosphorus	31-2	10305.58	10382.73	10313.41	10333.91	0.41	ppb
Potassium	39-2	25035.67	25156.12	25189.87	25127.22	0.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	512.20	517.48	508.66	512.78	0.87	ppb
Selenium	78-2	529.50	521.10	528.01	526.20	0.85	ppb
Selenium	82-1	520.12	515.64	518.28	518.01	0.44	ppb
Silicon	28-1	521.70	530.56	527.61	526.62	0.86	ppb
Silver	109-1	527.23	528.28	529.78	528.43	0.24	ppb
Silver	107-1	528.71	529.86	530.50	529.69	0.17	ppb
Sodium	23-2	50421.93	50707.81	51216.56	50782.10	0.79	ppb
Strontium	86-1	505.20	502.25	502.26	503.24	0.34	ppb
Strontium	88-1	508.46	507.69	506.44	507.53	0.20	ppb
Sulfur	34-1	10722.86	10783.67	10827.03	10777.85	0.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.16	501.32	505.41	502.63	0.48	ppb
Thallium	205-1	500.77	500.62	501.08	500.82	0.05	ppb
Tin	118-1	524.76	519.50	527.09	523.79	0.74	ppb
Titanium	47-1	500.90	504.65	506.05	503.87	0.53	ppb
Uranium	238-1	501.67	500.80	498.27	500.25	0.35	ppb
Vanadium	51-2	499.57	503.01	505.94	502.84	0.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1000.00	1012.45	1013.49	1008.65	0.74	ppb
Zirconium	90-1	507.89	503.64	508.61	506.71	0.53	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BSRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:25:00	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.13	486.33	492.51	488.99	0.65	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:28:21	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.63	85.76	99.51	92.97	7.42	ppb
Antimony	121-1	4.75	5.24	5.86	5.28	10.60	ppb
Arsenic	75-2	48.67	48.96	49.20	48.94	0.54	ppb
Barium	135-1	29.29	29.51	29.33	29.38	0.40	ppb
Barium	137-1	30.04	29.85	29.96	29.95	0.32	ppb
Beryllium	9-1	0.08	0.07	0.08	0.08	9.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	52.28	52.62	47.23	50.71	5.95	ppb
Boron	11-1	54.70	51.63	50.77	52.37	3.94	ppb
Cadmium	111-1	0.42	0.35	0.29	0.35	17.43	ppb
Cadmium	106-1	-0.01	-0.94	-1.38	-0.78		ppb
Cadmium	108-1	0.51	0.25	0.22	0.32	49.42	ppb
Calcium	43-1	117176.20	116585.59	116392.82	116718.21	0.35	ppb
Calcium	44-1	117004.87	116035.10	116826.17	116622.05	0.44	ppb
Chromium	52-2	1.08	1.06	1.05	1.06	1.26	ppb
Cobalt	59-2	0.39	0.41	0.40	0.40	2.18	ppb
Copper	63-2	21.16	21.50	20.91	21.19	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7893.31	7938.33	7879.62	7903.76	0.39	ppb
Iron	57-2	7626.49	7662.50	7582.21	7623.74	0.53	ppb
Lead	206-1	0.75	0.64	0.62	0.67	10.00	ppb
Lead	207-1	0.65	0.61	0.52	0.59	11.41	ppb
Lead	208-1	0.68	0.62	0.56	0.62	9.34	ppb
Lithium	6-1						%
Magnesium	24-2	36769.45	36466.85	36702.71	36646.33	0.43	ppb
Manganese	55-2	537.84	540.89	537.72	538.82	0.33	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:28:21	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.53	0.56	0.73	0.60	17.86	ppb
Molybdenum	95-1	1.05	1.34	1.50	1.29	17.68	ppb
Molybdenum	96-1	1.00	1.12	1.40	1.17	17.68	ppb
Molybdenum	97-1	1.16	1.29	1.62	1.36	17.57	ppb
Molybdenum	98-1	1.13	1.33	1.57	1.34	16.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.15	1.10	1.16	4.93	ppb
Phosphorus	31-2	135.04	136.77	100.60	124.14	16.44	ppb
Potassium	39-2	5458.80	5408.36	5406.55	5424.57	0.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.20	3.59	3.58	3.79	9.45	ppb
Selenium	78-2	0.48	0.83	1.15	0.82	40.86	ppb
Selenium	82-1	1.70	1.43	1.04	1.39	23.69	ppb
Silicon	28-1	7596.26	7464.58	7573.08	7544.64	0.93	ppb
Silver	109-1	1.29	1.11	0.97	1.12	14.66	ppb
Silver	107-1	1.30	1.10	0.96	1.12	14.97	ppb
Sodium	23-2	38806.58	38596.43	38252.84	38551.95	0.73	ppb
Strontium	86-1	693.60	690.92	692.60	692.37	0.20	ppb
Strontium	88-1	702.44	694.21	698.48	698.38	0.59	ppb
Sulfur	34-1	15027.40	14764.11	14969.25	14920.25	0.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.28	0.20	0.15	0.21	32.18	ppb
Thallium	205-1	0.30	0.20	0.15	0.22	35.68	ppb
Tin	118-1	1.30	1.35	1.43	1.36	5.07	ppb
Titanium	47-1	6.44	6.60	6.90	6.65	3.53	ppb
Uranium	238-1	1.24	1.26	1.25	1.25	0.81	ppb
Vanadium	51-2	0.66	0.67	0.64	0.66	3.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.23	8.17	8.59	8.33	2.76	ppb
Zirconium	90-1	0.26	0.30	0.35	0.30	13.45	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:28:21	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.27	0.36	0.31	16.78	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:31:48	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.76	94.70	92.70	94.72	2.15	ppb
Antimony	121-1	1.05	1.15	1.29	1.17	10.16	ppb
Arsenic	75-2	49.00	48.10	48.83	48.65	0.98	ppb
Barium	135-1	29.77	28.80	28.85	29.14	1.88	ppb
Barium	137-1	29.58	28.82	29.17	29.19	1.31	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	34.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.38	46.31	49.55	47.08	4.65	ppb
Boron	11-1	48.82	49.03	50.65	49.50	2.02	ppb
Cadmium	111-1	0.07	0.07	0.04	0.06	29.88	ppb
Cadmium	106-1	-2.59	-1.33	-2.76	-2.23		ppb
Cadmium	108-1	0.01	0.00	0.00	0.01	171.67	ppb
Calcium	43-1	111964.99	111400.32	112989.23	112118.18	0.72	ppb
Calcium	44-1	116168.68	115231.13	115818.11	115739.30	0.41	ppb
Chromium	52-2	1.14	1.18	1.12	1.15	2.43	ppb
Cobalt	59-2	0.41	0.41	0.38	0.40	3.65	ppb
Copper	63-2	20.33	20.03	19.94	20.10	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7982.40	7901.94	7917.63	7933.99	0.54	ppb
Iron	57-2	7588.85	7574.05	7667.81	7610.23	0.66	ppb
Lead	206-1	0.49	0.49	0.50	0.50	1.50	ppb
Lead	207-1	0.42	0.42	0.40	0.41	1.68	ppb
Lead	208-1	0.44	0.45	0.43	0.44	1.62	ppb
Lithium	6-1						%
Magnesium	24-2	36563.39	36125.34	36262.60	36317.11	0.62	ppb
Manganese	55-2	539.77	532.38	537.58	536.58	0.71	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:31:48	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.44	0.26	0.31	0.34	27.26	ppb
Molybdenum	95-1	0.55	0.60	0.69	0.61	12.00	ppb
Molybdenum	96-1	0.47	0.52	0.61	0.53	12.96	ppb
Molybdenum	97-1	0.55	0.64	0.68	0.63	10.55	ppb
Molybdenum	98-1	0.58	0.68	0.69	0.65	9.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.05	1.07	1.10	6.21	ppb
Phosphorus	31-2	131.65	106.17	93.77	110.53	17.47	ppb
Potassium	39-2	5370.96	5316.46	5304.59	5330.67	0.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.99	1.98	4.93	2.63	77.95	ppb
Selenium	78-2	0.16	0.77	0.37	0.43	71.62	ppb
Selenium	82-1	0.38	-0.09	1.41	0.57	135.68	ppb
Silicon	28-1	7410.40	7334.88	7405.38	7383.56	0.57	ppb
Silver	109-1	0.53	0.50	0.44	0.49	9.10	ppb
Silver	107-1	0.53	0.50	0.46	0.50	6.99	ppb
Sodium	23-2	38653.08	37960.50	38225.31	38279.63	0.91	ppb
Strontium	86-1	687.06	677.26	682.16	682.16	0.72	ppb
Strontium	88-1	693.32	684.82	688.24	688.79	0.62	ppb
Sulfur	34-1	14572.60	14113.66	14352.50	14346.26	1.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	25.38	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	16.30	ppb
Tin	118-1	0.97	0.95	1.02	0.98	3.39	ppb
Titanium	47-1	7.21	7.13	7.04	7.13	1.18	ppb
Uranium	238-1	1.24	1.25	1.26	1.25	0.87	ppb
Vanadium	51-2	0.63	0.71	0.68	0.67	5.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.70	8.02	7.88	7.87	2.01	ppb
Zirconium	90-1	0.12	0.14	0.15	0.13	9.17	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:31:48	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.17	0.17	0.16	14.83	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01LREX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 13:35:16	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.08	18.00	21.74	19.28	11.09	ppb
Antimony	121-1	-0.19	-0.19	-0.15	-0.18		ppb
Arsenic	75-2	10.09	9.77	9.84	9.90	1.70	ppb
Barium	135-1	5.98	5.85	5.81	5.88	1.53	ppb
Barium	137-1	5.92	5.98	5.83	5.91	1.29	ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	30.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.79	12.82	13.44	12.68	6.55	ppb
Boron	11-1	13.40	13.44	13.98	13.61	2.36	ppb
Cadmium	111-1	0.00	0.00	-0.01	0.00		ppb
Cadmium	106-1	-1.52	-1.88	-2.47	-1.96		ppb
Cadmium	108-1	-0.05	-0.07	-0.05	-0.05		ppb
Calcium	43-1	22424.59	22119.17	22539.40	22361.05	0.97	ppb
Calcium	44-1	23077.77	22936.92	23247.64	23087.44	0.67	ppb
Chromium	52-2	0.27	0.26	0.23	0.25	7.65	ppb
Cobalt	59-2	0.08	0.06	0.07	0.07	13.55	ppb
Copper	63-2	7.90	7.86	7.81	7.86	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1581.38	1585.40	1578.99	1581.92	0.20	ppb
Iron	57-2	1524.98	1526.78	1515.59	1522.45	0.39	ppb
Lead	206-1	0.05	0.06	0.05	0.05	9.73	ppb
Lead	207-1	0.04	0.03	0.03	0.03	23.01	ppb
Lead	208-1	0.04	0.04	0.03	0.04	5.84	ppb
Lithium	6-1						%
Magnesium	24-2	7189.46	7203.60	7203.10	7198.72	0.11	ppb
Manganese	55-2	107.18	107.81	107.75	107.58	0.32	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01LREX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 13:35:16	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.05	0.05	19.40	ppb
Molybdenum	95-1	0.10	0.12	0.18	0.14	30.78	ppb
Molybdenum	96-1	0.08	0.11	0.14	0.11	25.24	ppb
Molybdenum	97-1	0.12	0.18	0.19	0.17	22.54	ppb
Molybdenum	98-1	0.11	0.18	0.18	0.16	24.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.23	0.28	0.25	11.65	ppb
Phosphorus	31-2	8.65	25.09	27.00	20.25	49.82	ppb
Potassium	39-2	1086.33	1100.42	1092.62	1093.12	0.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.93	1.85	1.23	1.34	35.14	ppb
Selenium	78-2	-0.53	0.63	-0.40	-0.10		ppb
Selenium	82-1	0.86	-0.08	1.03	0.60	99.55	ppb
Silicon	28-1	1499.77	1482.49	1499.17	1493.81	0.66	ppb
Silver	109-1	0.19	0.20	0.19	0.19	1.19	ppb
Silver	107-1	0.19	0.19	0.19	0.19	1.24	ppb
Sodium	23-2	7661.69	7706.03	7717.37	7695.03	0.38	ppb
Strontium	86-1	136.65	137.36	134.84	136.28	0.95	ppb
Strontium	88-1	137.19	138.02	137.25	137.48	0.34	ppb
Sulfur	34-1	2601.30	2459.95	2532.34	2531.20	2.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.09	0.11	0.10	9.50	ppb
Titanium	47-1	1.25	1.38	1.36	1.33	5.07	ppb
Uranium	238-1	0.24	0.24	0.25	0.24	4.33	ppb
Vanadium	51-2	0.14	0.13	0.13	0.13	6.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.02	1.88	1.86	1.92	4.61	ppb
Zirconium	90-1	-0.01	-0.01	0.01	-0.01		ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01LREX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 13:35:16	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	43.04	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-02RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:38:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9841.23	9802.78	9713.98	9786.00	0.67	ppb
Antimony	121-1	510.38	509.39	512.72	510.83	0.33	ppb
Arsenic	75-2	575.88	573.71	573.38	574.33	0.24	ppb
Barium	135-1	2610.65	2640.56	2645.81	2632.34	0.72	ppb
Barium	137-1	2634.67	2644.18	2617.25	2632.03	0.52	ppb
Beryllium	9-1	467.76	468.19	460.68	465.54	0.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1004.03	1024.99	998.04	1009.02	1.40	ppb
Boron	11-1	997.04	1016.39	1005.78	1006.40	0.96	ppb
Cadmium	111-1	491.65	492.45	496.06	493.39	0.48	ppb
Cadmium	106-1	490.90	496.03	493.19	493.37	0.52	ppb
Cadmium	108-1	505.77	497.81	497.13	500.24	0.96	ppb
Calcium	43-1	168603.89	169088.69	168892.74	168861.77	0.14	ppb
Calcium	44-1	168175.96	168285.73	168741.53	168401.07	0.18	ppb
Chromium	52-2	550.71	552.97	545.52	549.73	0.70	ppb
Cobalt	59-2	546.80	549.26	542.13	546.06	0.66	ppb
Copper	63-2	1145.93	1141.48	1137.81	1141.74	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	35516.24	35499.73	34958.74	35324.91	0.90	ppb
Iron	57-2	34325.50	34353.32	33995.69	34224.84	0.58	ppb
Lead	206-1	536.83	549.11	550.60	545.51	1.39	ppb
Lead	207-1	479.32	486.89	489.94	485.38	1.13	ppb
Lead	208-1	514.68	522.68	524.94	520.77	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	90184.77	89364.83	88447.83	89332.48	0.97	ppb
Manganese	55-2	1587.56	1583.82	1568.18	1579.85	0.65	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-02RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:38:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	683.38	681.82	675.82	680.34	0.59	ppb
Molybdenum	95-1	1076.92	1082.66	1066.38	1075.32	0.77	ppb
Molybdenum	96-1	988.18	993.30	983.00	988.16	0.52	ppb
Molybdenum	97-1	1068.52	1071.50	1063.08	1067.70	0.40	ppb
Molybdenum	98-1	1081.25	1093.55	1076.16	1083.66	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	561.89	560.31	557.65	559.95	0.38	ppb
Phosphorus	31-2	108.50	102.52	98.52	103.18	4.87	ppb
Potassium	39-2	30657.78	30544.83	30537.13	30579.91	0.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	517.80	514.10	507.98	513.29	0.97	ppb
Selenium	78-2	514.56	509.19	512.37	512.04	0.53	ppb
Selenium	82-1	517.06	518.50	517.91	517.82	0.14	ppb
Silicon	28-1	8377.75	8434.73	8375.49	8395.99	0.40	ppb
Silver	109-1	239.16	236.56	239.28	238.33	0.64	ppb
Silver	107-1	239.32	237.06	239.13	238.50	0.53	ppb
Sodium	23-2	92999.38	92543.57	92309.42	92617.45	0.38	ppb
Strontium	86-1	1262.51	1274.87	1211.25	1249.54	2.70	ppb
Strontium	88-1	1220.03	1226.59	1213.95	1220.19	0.52	ppb
Sulfur	34-1	15030.28	15092.19	14926.16	15016.21	0.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.95	514.59	518.68	514.07	0.95	ppb
Thallium	205-1	507.39	514.08	523.26	514.91	1.55	ppb
Tin	118-1	1012.72	1005.38	1015.96	1011.35	0.54	ppb
Titanium	47-1	1043.83	1043.73	1038.49	1042.02	0.29	ppb
Uranium	238-1	516.44	521.91	522.09	520.15	0.62	ppb
Vanadium	51-2	536.40	537.48	532.78	535.56	0.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1093.22	1088.16	1081.07	1087.48	0.56	ppb
Zirconium	90-1	503.29	507.20	506.89	505.80	0.43	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-02RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:38:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.58	491.89	489.80	490.09	0.34	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-03RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:42:08	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9602.15	9669.09	9674.53	9648.59	0.42	ppb
Antimony	121-1	504.26	496.22	499.37	499.95	0.81	ppb
Arsenic	75-2	570.59	569.48	568.48	569.52	0.19	ppb
Barium	135-1	2599.64	2574.21	2516.34	2563.40	1.67	ppb
Barium	137-1	2595.02	2589.15	2513.43	2565.86	1.77	ppb
Beryllium	9-1	471.45	469.88	471.18	470.84	0.18	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1041.85	1040.19	1053.51	1045.18	0.69	ppb
Boron	11-1	1019.89	1032.66	1033.66	1028.74	0.75	ppb
Cadmium	111-1	488.89	481.43	481.21	483.84	0.90	ppb
Cadmium	106-1	496.27	482.11	481.62	486.67	1.71	ppb
Cadmium	108-1	496.74	491.57	487.21	491.84	0.97	ppb
Calcium	43-1	162622.03	166008.85	164568.43	164399.77	1.03	ppb
Calcium	44-1	163476.73	165154.95	164852.80	164494.83	0.54	ppb
Chromium	52-2	539.55	540.05	539.99	539.86	0.05	ppb
Cobalt	59-2	536.30	537.84	539.29	537.81	0.28	ppb
Copper	63-2	1126.50	1132.96	1129.02	1129.49	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34901.77	35166.09	35100.85	35056.24	0.39	ppb
Iron	57-2	33641.99	33760.71	33704.50	33702.40	0.18	ppb
Lead	206-1	556.32	544.89	553.75	551.66	1.09	ppb
Lead	207-1	488.84	487.13	493.55	489.84	0.68	ppb
Lead	208-1	528.01	522.58	532.38	527.65	0.93	ppb
Lithium	6-1						%
Magnesium	24-2	88232.19	87396.02	88362.20	87996.80	0.60	ppb
Manganese	55-2	1546.30	1558.55	1559.12	1554.66	0.47	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-03RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:42:08	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	684.25	673.91	683.27	680.48	0.84	ppb
Molybdenum	95-1	1095.90	1064.12	1077.06	1079.03	1.48	ppb
Molybdenum	96-1	986.38	978.21	983.85	982.81	0.43	ppb
Molybdenum	97-1	1066.35	1063.69	1067.44	1065.83	0.18	ppb
Molybdenum	98-1	1091.92	1071.86	1080.92	1081.57	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.80	557.37	557.17	555.11	0.67	ppb
Phosphorus	31-2	93.01	92.45	88.65	91.37	2.59	ppb
Potassium	39-2	29978.17	30439.26	30306.20	30241.21	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	465.09	501.25	506.05	490.80	4.56	ppb
Selenium	78-2	502.52	501.23	523.61	509.12	2.47	ppb
Selenium	82-1	517.60	515.97	514.81	516.13	0.27	ppb
Silicon	28-1	8267.72	8287.74	8188.55	8248.00	0.64	ppb
Silver	109-1	236.25	235.43	235.40	235.69	0.20	ppb
Silver	107-1	236.38	235.59	235.02	235.66	0.29	ppb
Sodium	23-2	91276.71	90482.40	91642.56	91133.89	0.65	ppb
Strontium	86-1	1205.10	1198.17	1199.23	1200.84	0.31	ppb
Strontium	88-1	1215.30	1210.79	1202.64	1209.58	0.53	ppb
Sulfur	34-1	14855.38	14706.64	14577.19	14713.07	0.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	520.04	511.77	522.69	518.17	1.10	ppb
Thallium	205-1	519.91	520.71	523.07	521.23	0.32	ppb
Tin	118-1	1000.29	983.31	989.81	991.14	0.86	ppb
Titanium	47-1	1036.62	1042.79	1035.94	1038.45	0.36	ppb
Uranium	238-1	521.26	514.10	530.25	521.87	1.55	ppb
Vanadium	51-2	524.96	525.98	526.49	525.81	0.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1071.77	1073.98	1069.17	1071.64	0.22	ppb
Zirconium	90-1	507.14	503.10	501.12	503.79	0.61	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-03RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:42:08	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.03	486.91	483.94	486.96	0.63	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01ARE	Instrumnet Name :	P7
Client Sample ID :	S36-0106ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:45:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9785.70	9810.20	9728.58	9774.83	0.43	ppb
Antimony	121-1	508.21	508.28	506.77	507.75	0.17	ppb
Arsenic	75-2	576.48	572.87	574.43	574.59	0.32	ppb
Barium	135-1	2630.00	2609.10	2626.32	2621.81	0.43	ppb
Barium	137-1	2612.08	2606.25	2614.42	2610.92	0.16	ppb
Beryllium	9-1	478.45	480.78	480.83	480.02	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1067.70	1081.02	1085.64	1078.12	0.86	ppb
Boron	11-1	1059.20	1056.29	1075.82	1063.77	0.99	ppb
Cadmium	111-1	488.67	487.65	485.47	487.26	0.33	ppb
Cadmium	106-1	482.56	486.09	489.85	486.16	0.75	ppb
Cadmium	108-1	493.22	495.11	494.26	494.20	0.19	ppb
Calcium	43-1	166370.65	167523.50	166803.11	166899.09	0.35	ppb
Calcium	44-1	166770.30	167630.03	166897.54	167099.29	0.28	ppb
Chromium	52-2	549.78	548.97	548.30	549.02	0.13	ppb
Cobalt	59-2	547.18	547.23	548.33	547.58	0.12	ppb
Copper	63-2	1139.88	1139.28	1141.62	1140.26	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	35254.04	35353.36	35754.14	35453.84	0.75	ppb
Iron	57-2	34139.04	34381.35	34393.51	34304.63	0.42	ppb
Lead	206-1	559.75	554.55	555.82	556.71	0.49	ppb
Lead	207-1	494.02	492.88	493.73	493.54	0.12	ppb
Lead	208-1	532.37	531.80	531.54	531.90	0.08	ppb
Lithium	6-1						%
Magnesium	24-2	89783.50	89393.56	88841.98	89339.68	0.53	ppb
Manganese	55-2	1576.56	1575.47	1578.64	1576.89	0.10	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01ARE	Instrumnet Name :	P7
Client Sample ID :	S36-0106ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:45:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	679.91	682.00	673.84	678.59	0.62	ppb
Molybdenum	95-1	1078.06	1082.12	1060.93	1073.70	1.05	ppb
Molybdenum	96-1	980.88	992.00	975.23	982.70	0.87	ppb
Molybdenum	97-1	1058.93	1070.83	1052.54	1060.77	0.88	ppb
Molybdenum	98-1	1073.73	1090.68	1062.00	1075.47	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	560.06	561.65	562.84	561.52	0.25	ppb
Phosphorus	31-2	93.82	97.93	86.95	92.90	5.97	ppb
Potassium	39-2	30418.47	30580.49	30297.12	30432.02	0.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	521.65	520.28	513.72	518.55	0.82	ppb
Selenium	78-2	499.49	516.54	503.37	506.47	1.77	ppb
Selenium	82-1	514.35	518.59	510.80	514.58	0.76	ppb
Silicon	28-1	8284.14	8255.59	8203.98	8247.90	0.49	ppb
Silver	109-1	235.19	236.62	237.16	236.32	0.43	ppb
Silver	107-1	235.08	236.34	236.57	236.00	0.34	ppb
Sodium	23-2	92859.06	92945.59	92159.24	92654.63	0.47	ppb
Strontium	86-1	1212.33	1252.70	1201.69	1222.24	2.20	ppb
Strontium	88-1	1218.34	1226.63	1215.03	1220.00	0.49	ppb
Sulfur	34-1	14497.17	14457.80	14417.48	14457.49	0.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	520.73	521.51	524.59	522.28	0.39	ppb
Thallium	205-1	524.92	520.28	526.77	523.99	0.64	ppb
Tin	118-1	1000.06	1006.37	998.22	1001.55	0.43	ppb
Titanium	47-1	1038.56	1038.67	1035.38	1037.54	0.18	ppb
Uranium	238-1	525.95	533.11	531.50	530.18	0.71	ppb
Vanadium	51-2	535.83	534.31	532.16	534.10	0.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1083.71	1087.58	1087.42	1086.23	0.20	ppb
Zirconium	90-1	506.08	511.94	504.60	507.54	0.76	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01ARE	Instrumnet Name :	P7
Client Sample ID :	S36-0106ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:45:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.72	489.99	488.16	488.63	0.25	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-04RE	Instrumnet Name :	P7
Client Sample ID :	S36-0111RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:48:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.85	13.24	12.01	13.03	7.18	ppb
Antimony	121-1	0.18	0.22	0.23	0.21	12.06	ppb
Arsenic	75-2	16.79	16.70	16.44	16.64	1.09	ppb
Barium	135-1	74.78	73.40	75.12	74.43	1.22	ppb
Barium	137-1	74.81	74.70	76.49	75.33	1.33	ppb
Beryllium	9-1	0.13	0.15	0.11	0.13	15.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	72.30	75.49	72.52	73.44	2.43	ppb
Boron	11-1	73.07	72.60	71.42	72.36	1.17	ppb
Cadmium	111-1	0.05	0.06	0.05	0.05	10.38	ppb
Cadmium	106-1	-2.11	-1.47	-1.58	-1.72		ppb
Cadmium	108-1	0.09	-0.01	0.03	0.04	142.74	ppb
Calcium	43-1	92544.22	93375.87	93156.95	93025.68	0.46	ppb
Calcium	44-1	95602.25	97083.03	97308.17	96664.48	0.96	ppb
Chromium	52-2	2.17	2.27	2.28	2.24	2.72	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	3.66	ppb
Copper	63-2	63.20	62.98	63.51	63.23	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1884.33	1872.95	1874.49	1877.26	0.33	ppb
Iron	57-2	1811.42	1812.37	1814.63	1812.81	0.09	ppb
Lead	206-1	4.13	4.22	4.17	4.18	1.13	ppb
Lead	207-1	3.91	3.86	3.84	3.87	0.97	ppb
Lead	208-1	4.05	4.05	4.02	4.04	0.37	ppb
Lithium	6-1						%
Magnesium	24-2	33802.31	33985.55	33956.85	33914.90	0.29	ppb
Manganese	55-2	530.27	527.75	532.10	530.04	0.41	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-04RE	Instrumnet Name :	P7
Client Sample ID :	S36-0111RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:48:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.34	0.38	0.35	10.32	ppb
Molybdenum	95-1	0.84	0.96	1.05	0.95	11.29	ppb
Molybdenum	96-1	0.66	0.77	0.90	0.78	15.17	ppb
Molybdenum	97-1	0.84	0.92	1.07	0.94	12.45	ppb
Molybdenum	98-1	0.88	0.94	1.09	0.97	11.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.98	3.11	2.99	3.03	2.32	ppb
Phosphorus	31-2	24.07	35.71	12.38	24.05	48.49	ppb
Potassium	39-2	7609.13	7680.97	7640.71	7643.60	0.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.07	3.41	3.43	2.97	26.19	ppb
Selenium	78-2	0.08	0.44	1.02	0.51	92.51	ppb
Selenium	82-1	0.47	0.15	0.90	0.51	74.75	ppb
Silicon	28-1	7629.39	7739.56	7731.91	7700.29	0.80	ppb
Silver	109-1	0.35	0.35	0.32	0.34	4.94	ppb
Silver	107-1	0.35	0.34	0.32	0.34	4.09	ppb
Sodium	23-2	43039.83	42864.62	43023.46	42975.97	0.23	ppb
Strontium	86-1	643.54	642.13	640.60	642.09	0.23	ppb
Strontium	88-1	656.98	647.74	651.27	652.00	0.72	ppb
Sulfur	34-1	19508.76	19904.62	20133.37	19848.91	1.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.14	0.13	0.13	2.44	ppb
Thallium	205-1	0.14	0.13	0.13	0.13	1.98	ppb
Tin	118-1	3.64	3.53	3.54	3.57	1.72	ppb
Titanium	47-1	1.32	1.19	1.26	1.26	5.06	ppb
Uranium	238-1	1.38	1.41	1.41	1.40	1.51	ppb
Vanadium	51-2	0.49	0.45	0.54	0.49	8.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.88	31.60	32.03	31.83	0.68	ppb
Zirconium	90-1	0.08	0.10	0.13	0.10	22.39	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-04RE	Instrumnet Name :	P7
Client Sample ID :	S36-0111RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:48:55	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.12	0.10	18.92	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:52:23	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9324.35	9187.50	9231.09	9247.65	0.76	ppb
Antimony	121-1	486.18	480.57	487.05	484.60	0.73	ppb
Arsenic	75-2	510.92	506.69	504.25	507.29	0.67	ppb
Barium	135-1	2471.86	2464.90	2486.55	2474.44	0.45	ppb
Barium	137-1	2463.05	2475.54	2464.00	2467.53	0.28	ppb
Beryllium	9-1	506.40	506.61	510.53	507.85	0.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	511.07	520.29	521.01	517.46	1.07	ppb
Boron	11-1	508.23	512.30	519.87	513.47	1.15	ppb
Cadmium	111-1	494.73	493.39	498.28	495.47	0.51	ppb
Cadmium	106-1	499.74	497.16	499.55	498.82	0.29	ppb
Cadmium	108-1	498.00	496.78	496.70	497.16	0.15	ppb
Calcium	43-1	46498.96	46021.98	46743.12	46421.35	0.79	ppb
Calcium	44-1	48433.53	47567.66	48397.70	48132.96	1.02	ppb
Chromium	52-2	518.15	510.90	512.99	514.01	0.73	ppb
Cobalt	59-2	518.05	516.37	517.38	517.27	0.16	ppb
Copper	63-2	1036.59	1032.83	1030.93	1033.45	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25620.64	25321.17	25550.36	25497.39	0.61	ppb
Iron	57-2	24454.05	24453.00	24372.22	24426.42	0.19	ppb
Lead	206-1	501.54	498.48	515.02	505.01	1.74	ppb
Lead	207-1	477.68	477.33	486.83	480.61	1.12	ppb
Lead	208-1	494.87	491.05	503.77	496.56	1.31	ppb
Lithium	6-1						%
Magnesium	24-2	50141.21	49679.58	49420.26	49747.02	0.73	ppb
Manganese	55-2	990.46	985.47	985.69	987.21	0.29	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:52:23	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.63	500.34	496.06	495.67	0.98	ppb
Molybdenum	95-1	483.07	489.40	483.31	485.26	0.74	ppb
Molybdenum	96-1	470.96	478.19	473.94	474.36	0.77	ppb
Molybdenum	97-1	492.15	497.65	494.61	494.80	0.56	ppb
Molybdenum	98-1	498.77	506.72	500.89	502.13	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.53	522.55	523.83	524.97	0.60	ppb
Phosphorus	31-2	9909.85	9926.64	9994.67	9943.72	0.45	ppb
Potassium	39-2	24362.80	24035.15	24130.71	24176.22	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	492.02	525.49	489.00	502.17	4.03	ppb
Selenium	78-2	508.89	515.21	494.45	506.18	2.10	ppb
Selenium	82-1	494.06	498.99	500.90	497.98	0.71	ppb
Silicon	28-1	504.24	502.78	509.67	505.56	0.72	ppb
Silver	109-1	508.58	501.58	506.12	505.43	0.70	ppb
Silver	107-1	506.67	501.00	505.19	504.28	0.58	ppb
Sodium	23-2	50477.32	50313.10	50334.75	50375.06	0.18	ppb
Strontium	86-1	491.02	492.07	488.89	490.66	0.33	ppb
Strontium	88-1	496.14	499.08	493.79	496.34	0.53	ppb
Sulfur	34-1	9798.13	9646.35	9921.90	9788.79	1.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	494.38	490.59	506.82	497.26	1.71	ppb
Thallium	205-1	493.79	497.22	509.82	500.27	1.69	ppb
Tin	118-1	497.48	493.21	499.66	496.78	0.66	ppb
Titanium	47-1	497.03	487.27	498.50	494.27	1.23	ppb
Uranium	238-1	492.45	492.81	502.59	495.95	1.16	ppb
Vanadium	51-2	510.51	505.08	506.75	507.44	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1043.60	1035.26	1038.65	1039.17	0.40	ppb
Zirconium	90-1	494.89	495.58	502.26	497.57	0.82	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:52:23	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	473.98	479.31	482.66	478.65	0.92	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:02:17	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.01	-0.05	-0.01		ppb
Antimony	121-1	0.12	0.32	0.59	0.35	67.90	ppb
Arsenic	75-2	0.09	0.08	0.08	0.08	5.87	ppb
Barium	135-1	0.02	0.01	0.00	0.01	78.05	ppb
Barium	137-1	0.02	0.01	0.01	0.01	71.87	ppb
Beryllium	9-1	0.04	0.09	0.07	0.07	33.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.30	7.75	7.75	7.60	3.44	ppb
Boron	11-1	7.47	8.17	7.29	7.64	6.13	ppb
Cadmium	111-1	0.01	0.01	0.01	0.01	28.23	ppb
Cadmium	106-1	-0.44	-0.58	-1.08	-0.70		ppb
Cadmium	108-1	-0.03	0.00	-0.06	-0.03		ppb
Calcium	43-1	0.88	0.08	0.21	0.39	110.01	ppb
Calcium	44-1	-0.94	-0.86	-1.80	-1.20		ppb
Chromium	52-2	-0.03	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	2.02	2.07	2.10	2.06	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.18	0.26	0.26	0.23	20.35	ppb
Iron	57-2	0.14	-0.08	0.13	0.07	191.39	ppb
Lead	206-1	0.09	0.09	0.07	0.08	12.45	ppb
Lead	207-1	0.07	0.07	0.07	0.07	6.63	ppb
Lead	208-1	0.07	0.07	0.07	0.07	3.78	ppb
Lithium	6-1						%
Magnesium	24-2	0.71	0.57	0.71	0.66	12.41	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	185.84	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:02:17	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.06	0.04	74.03	ppb
Molybdenum	95-1	0.06	0.10	0.18	0.11	53.27	ppb
Molybdenum	96-1	0.04	0.05	0.13	0.07	67.77	ppb
Molybdenum	97-1	0.09	0.12	0.15	0.12	26.25	ppb
Molybdenum	98-1	0.06	0.11	0.15	0.11	40.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-10.17	-13.41	1.99	-7.19		ppb
Potassium	39-2	14.81	15.88	17.42	16.04	8.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.30	0.00	0.10	173.21	ppb
Selenium	78-2	-0.05	-0.29	-0.29	-0.21		ppb
Selenium	82-1	0.68	0.95	1.58	1.07	43.40	ppb
Silicon	28-1	-6.56	-5.66	-5.96	-6.06		ppb
Silver	109-1	0.05	0.04	0.04	0.04	20.99	ppb
Silver	107-1	0.05	0.04	0.04	0.04	16.05	ppb
Sodium	23-2	23.85	25.21	24.40	24.49	2.79	ppb
Strontium	86-1	0.01	-0.05	-0.08	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	24.53	ppb
Sulfur	34-1	-99.37	89.87	67.41	19.30	535.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	153.66	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.58	ppb
Tin	118-1	0.07	0.06	0.07	0.07	12.65	ppb
Titanium	47-1	0.01	0.02	0.01	0.01	81.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	40.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.13	0.11	0.14	22.51	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:02:17	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-05RE	Instrumnet Name :	P7
Client Sample ID :	S36-0112RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:05:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.44	10.33	9.46	10.08	5.32	ppb
Antimony	121-1	1.32	1.46	1.67	1.49	11.89	ppb
Arsenic	75-2	40.64	40.11	41.98	40.91	2.36	ppb
Barium	135-1	41.84	41.77	41.73	41.78	0.13	ppb
Barium	137-1	42.59	42.18	42.28	42.35	0.50	ppb
Beryllium	9-1	0.08	0.07	0.04	0.07	28.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.16	49.97	45.88	47.34	4.83	ppb
Boron	11-1	48.08	49.08	49.35	48.84	1.37	ppb
Cadmium	111-1	0.12	0.10	0.05	0.09	38.68	ppb
Cadmium	106-1	-1.45	-2.50	-2.47	-2.14		ppb
Cadmium	108-1	0.05	0.06	0.09	0.07	33.09	ppb
Calcium	43-1	50448.62	50199.87	50506.30	50384.93	0.32	ppb
Calcium	44-1	51895.07	52049.24	52310.88	52085.06	0.40	ppb
Chromium	52-2	6.37	6.32	6.27	6.32	0.81	ppb
Cobalt	59-2	0.13	0.14	0.14	0.14	5.82	ppb
Copper	63-2	27.13	26.36	25.97	26.49	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	336.36	333.88	333.79	334.68	0.44	ppb
Iron	57-2	341.27	344.88	338.96	341.70	0.87	ppb
Lead	206-1	0.91	0.86	0.88	0.88	2.70	ppb
Lead	207-1	0.82	0.81	0.75	0.79	5.10	ppb
Lead	208-1	0.87	0.83	0.81	0.84	3.79	ppb
Lithium	6-1						%
Magnesium	24-2	17202.61	17113.29	17053.08	17123.00	0.44	ppb
Manganese	55-2	212.26	212.33	210.01	211.53	0.62	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-05RE	Instrumnet Name :	P7
Client Sample ID :	S36-0112RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:05:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.34	0.38	0.35	7.01	ppb
Molybdenum	95-1	0.78	0.79	0.80	0.79	1.25	ppb
Molybdenum	96-1	0.68	0.73	0.79	0.73	7.52	ppb
Molybdenum	97-1	0.85	0.87	0.89	0.87	2.28	ppb
Molybdenum	98-1	0.83	0.85	0.91	0.87	4.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.14	4.31	4.41	4.29	3.15	ppb
Phosphorus	31-2	29.87	54.82	34.08	39.59	33.74	ppb
Potassium	39-2	5767.95	5760.73	5731.97	5753.55	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.38	2.39	3.43	2.40	42.77	ppb
Selenium	78-2	-0.15	-0.58	0.12	-0.20		ppb
Selenium	82-1	0.98	1.05	0.44	0.82	40.17	ppb
Silicon	28-1	6421.23	6388.15	6410.42	6406.60	0.26	ppb
Silver	109-1	0.61	0.62	0.55	0.60	6.44	ppb
Silver	107-1	0.61	0.62	0.55	0.59	6.01	ppb
Sodium	23-2	45461.32	44780.37	44642.76	44961.48	0.97	ppb
Strontium	86-1	330.21	332.37	328.43	330.34	0.60	ppb
Strontium	88-1	337.22	334.56	331.85	334.54	0.80	ppb
Sulfur	34-1	6836.92	6894.44	6665.52	6798.96	1.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.03	0.03	20.33	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	26.13	ppb
Tin	118-1	1.87	1.91	1.98	1.92	2.93	ppb
Titanium	47-1	0.80	0.87	0.88	0.85	4.87	ppb
Uranium	238-1	1.25	1.24	1.27	1.25	1.04	ppb
Vanadium	51-2	0.43	0.43	0.45	0.43	2.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.80	9.68	9.42	9.63	2.00	ppb
Zirconium	90-1	0.12	0.12	0.13	0.12	6.49	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-05RE	Instrumnet Name :	P7
Client Sample ID :	S36-0112RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:05:46	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.12	0.16	0.13	20.58	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-06RE	Instrumnet Name :	P7
Client Sample ID :	S36-0113RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:09:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119.43	113.04	117.41	116.63	2.80	ppb
Antimony	121-1	0.72	0.83	0.89	0.81	10.07	ppb
Arsenic	75-2	71.61	69.38	70.93	70.64	1.62	ppb
Barium	135-1	8.87	9.07	8.80	8.91	1.57	ppb
Barium	137-1	9.00	8.87	8.82	8.90	1.07	ppb
Beryllium	9-1	0.15	0.14	0.11	0.13	16.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	59.51	57.54	61.93	59.66	3.69	ppb
Boron	11-1	59.70	59.22	61.37	60.10	1.88	ppb
Cadmium	111-1	0.92	0.92	0.91	0.92	0.97	ppb
Cadmium	106-1	-0.62	-0.77	-1.08	-0.82		ppb
Cadmium	108-1	0.91	0.77	0.70	0.79	13.83	ppb
Calcium	43-1	51893.59	51564.04	51741.32	51732.98	0.32	ppb
Calcium	44-1	53532.34	53617.74	53443.77	53531.29	0.16	ppb
Chromium	52-2	1.32	1.31	1.31	1.31	0.30	ppb
Cobalt	59-2	0.28	0.30	0.29	0.29	4.28	ppb
Copper	63-2	19.21	19.12	19.16	19.16	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	928.47	930.50	929.63	929.53	0.11	ppb
Iron	57-2	915.31	931.63	931.53	926.16	1.01	ppb
Lead	206-1	0.82	0.86	0.84	0.84	1.99	ppb
Lead	207-1	0.77	0.78	0.74	0.77	2.58	ppb
Lead	208-1	0.80	0.82	0.80	0.81	1.09	ppb
Lithium	6-1						%
Magnesium	24-2	19226.48	19150.33	19098.45	19158.42	0.34	ppb
Manganese	55-2	785.43	785.49	785.40	785.44	0.01	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-06RE	Instrumnet Name :	P7
Client Sample ID :	S36-0113RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:09:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.21	0.25	0.22	14.75	ppb
Molybdenum	95-1	0.39	0.36	0.46	0.40	12.39	ppb
Molybdenum	96-1	0.30	0.36	0.40	0.35	13.20	ppb
Molybdenum	97-1	0.40	0.35	0.43	0.39	10.23	ppb
Molybdenum	98-1	0.39	0.41	0.47	0.42	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	1.98	2.07	2.03	2.09	ppb
Phosphorus	31-2	113.95	102.80	95.40	104.05	8.98	ppb
Potassium	39-2	3506.48	3513.42	3521.17	3513.69	0.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.08	2.07	4.81	2.99	52.83	ppb
Selenium	78-2	-0.25	-0.21	-0.05	-0.17		ppb
Selenium	82-1	0.33	0.04	1.35	0.57	121.10	ppb
Silicon	28-1	7042.12	7028.71	7017.96	7029.60	0.17	ppb
Silver	109-1	0.47	0.44	0.42	0.45	5.75	ppb
Silver	107-1	0.47	0.44	0.43	0.45	5.28	ppb
Sodium	23-2	32486.55	32699.07	32384.57	32523.40	0.49	ppb
Strontium	86-1	336.19	333.67	332.38	334.08	0.58	ppb
Strontium	88-1	342.90	338.15	338.16	339.73	0.81	ppb
Sulfur	34-1	2158.41	2328.56	1940.10	2142.36	9.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.07	0.07	0.07	1.99	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	7.30	ppb
Tin	118-1	1.66	1.72	1.69	1.69	1.80	ppb
Titanium	47-1	5.63	5.79	6.04	5.82	3.62	ppb
Uranium	238-1	0.20	0.20	0.21	0.20	1.57	ppb
Vanadium	51-2	0.89	0.86	0.89	0.88	2.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	57.50	58.60	57.83	57.97	0.97	ppb
Zirconium	90-1	0.15	0.14	0.15	0.15	1.69	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-06RE	Instrumnet Name :	P7
Client Sample ID :	S36-0113RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:09:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.16	0.20	0.18	11.94	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-07RE	Instrumnet Name :	P7
Client Sample ID :	S36-0108RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:12:44	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.25	10.00	10.77	10.68	5.90	ppb
Antimony	121-1	0.09	0.18	0.21	0.16	39.14	ppb
Arsenic	75-2	21.62	21.55	21.17	21.45	1.11	ppb
Barium	135-1	17.20	16.86	16.65	16.90	1.65	ppb
Barium	137-1	17.26	16.51	17.11	16.96	2.34	ppb
Beryllium	9-1	0.02	0.07	0.02	0.04	74.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.10	43.98	43.67	43.58	1.02	ppb
Boron	11-1	44.76	44.21	45.48	44.82	1.42	ppb
Cadmium	111-1	-0.01	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-2.82	-2.77	-2.23	-2.61		ppb
Cadmium	108-1	0.05	0.01	0.00	0.02	111.01	ppb
Calcium	43-1	54235.95	54365.24	55085.53	54562.24	0.84	ppb
Calcium	44-1	56915.44	56943.60	57368.23	57075.76	0.44	ppb
Chromium	52-2	0.33	0.30	0.33	0.32	4.72	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	4.88	ppb
Copper	63-2	15.97	15.58	15.74	15.76	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.37	9.25	9.70	9.44	2.43	ppb
Iron	57-2	20.18	18.42	18.58	19.06	5.13	ppb
Lead	206-1	0.19	0.19	0.19	0.19	1.38	ppb
Lead	207-1	0.18	0.18	0.17	0.18	2.85	ppb
Lead	208-1	0.19	0.18	0.18	0.18	2.53	ppb
Lithium	6-1						%
Magnesium	24-2	19528.28	19069.44	19226.96	19274.89	1.21	ppb
Manganese	55-2	48.18	47.69	47.95	47.94	0.51	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-07RE	Instrumnet Name :	P7
Client Sample ID :	S36-0108RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:12:44	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.20	0.22	0.20	9.47	ppb
Molybdenum	95-1	0.61	0.67	0.69	0.66	6.72	ppb
Molybdenum	96-1	0.47	0.51	0.59	0.52	11.04	ppb
Molybdenum	97-1	0.63	0.65	0.63	0.64	1.33	ppb
Molybdenum	98-1	0.65	0.61	0.66	0.64	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.97	1.04	0.99	4.01	ppb
Phosphorus	31-2	32.58	33.28	17.67	27.84	31.66	ppb
Potassium	39-2	4404.15	4395.50	4443.25	4414.30	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.52	2.13	1.74	2.13	18.21	ppb
Selenium	78-2	0.14	-0.01	0.05	0.06	136.72	ppb
Selenium	82-1	0.23	0.73	0.89	0.62	56.36	ppb
Silicon	28-1	6729.23	6760.68	6844.23	6778.05	0.88	ppb
Silver	109-1	0.30	0.28	0.29	0.29	3.69	ppb
Silver	107-1	0.30	0.27	0.28	0.28	3.95	ppb
Sodium	23-2	51567.88	51455.00	51590.29	51537.72	0.14	ppb
Strontium	86-1	354.78	353.96	349.94	352.89	0.73	ppb
Strontium	88-1	358.83	362.23	357.07	359.38	0.73	ppb
Sulfur	34-1	11075.69	11183.83	11236.39	11165.30	0.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.19	1.27	1.23	1.23	3.06	ppb
Titanium	47-1	0.70	0.83	0.76	0.76	8.69	ppb
Uranium	238-1	1.22	1.22	1.21	1.21	0.54	ppb
Vanadium	51-2	0.66	0.71	0.77	0.71	7.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.84	5.87	5.82	5.84	0.46	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	154.52	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-07RE	Instrumnet Name :	P7
Client Sample ID :	S36-0108RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:12:44	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.03	26.27	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-08RE	Instrumnet Name :	P7
Client Sample ID :	S36-0109RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:16:14	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.36	7.77	7.54	7.89	5.38	ppb
Antimony	121-1	0.05	0.11	0.10	0.09	36.06	ppb
Arsenic	75-2	20.95	20.93	21.49	21.12	1.50	ppb
Barium	135-1	16.95	17.19	16.55	16.90	1.91	ppb
Barium	137-1	17.00	17.13	16.89	17.01	0.71	ppb
Beryllium	9-1	0.07	0.02	0.03	0.04	63.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.57	44.75	46.02	45.78	2.04	ppb
Boron	11-1	45.13	45.98	46.71	45.94	1.72	ppb
Cadmium	111-1	0.00	0.00	-0.01	0.00		ppb
Cadmium	106-1	-2.44	-1.36	-2.50	-2.10		ppb
Cadmium	108-1	-0.01	0.00	-0.07	-0.03		ppb
Calcium	43-1	55273.11	55084.87	54873.41	55077.13	0.36	ppb
Calcium	44-1	57559.26	57700.50	57642.61	57634.12	0.12	ppb
Chromium	52-2	0.55	0.58	0.56	0.56	2.52	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	18.27	ppb
Copper	63-2	15.34	15.74	15.87	15.65	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.04	11.98	12.01	12.01	0.27	ppb
Iron	57-2	22.24	21.55	20.42	21.41	4.29	ppb
Lead	206-1	0.11	0.10	0.12	0.11	7.85	ppb
Lead	207-1	0.10	0.09	0.09	0.09	3.43	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.48	ppb
Lithium	6-1						%
Magnesium	24-2	19332.11	19389.47	19426.58	19382.72	0.25	ppb
Manganese	55-2	47.78	47.69	48.32	47.93	0.72	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-08RE	Instrumnet Name :	P7
Client Sample ID :	S36-0109RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:16:14	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.23	0.23	0.22	5.90	ppb
Molybdenum	95-1	0.61	0.65	0.67	0.64	4.53	ppb
Molybdenum	96-1	0.54	0.52	0.56	0.54	3.36	ppb
Molybdenum	97-1	0.60	0.71	0.73	0.68	10.61	ppb
Molybdenum	98-1	0.63	0.71	0.67	0.67	5.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.67	0.67	0.67	0.56	ppb
Phosphorus	31-2	12.74	13.84	26.29	17.62	42.69	ppb
Potassium	39-2	4437.60	4417.84	4451.53	4435.66	0.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.42	2.76	1.74	2.31	22.66	ppb
Selenium	78-2	-0.08	-0.32	-0.02	-0.14		ppb
Selenium	82-1	0.07	0.69	0.89	0.55	77.60	ppb
Silicon	28-1	6852.14	6831.29	6738.97	6807.46	0.88	ppb
Silver	109-1	0.24	0.26	0.25	0.25	3.92	ppb
Silver	107-1	0.24	0.26	0.25	0.25	3.26	ppb
Sodium	23-2	51811.55	51322.92	51807.41	51647.29	0.54	ppb
Strontium	86-1	353.95	356.06	355.30	355.10	0.30	ppb
Strontium	88-1	360.17	359.04	361.39	360.20	0.33	ppb
Sulfur	34-1	11534.17	11462.60	11340.01	11445.59	0.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	145.86	ppb
Tin	118-1	1.08	1.08	1.10	1.09	1.07	ppb
Titanium	47-1	0.80	0.69	0.68	0.72	9.06	ppb
Uranium	238-1	1.26	1.22	1.22	1.23	1.74	ppb
Vanadium	51-2	0.70	0.68	0.76	0.72	5.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.86	6.43	6.57	6.62	3.35	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	5.00	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-08RE	Instrumnet Name :	P7
Client Sample ID :	S36-0109RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:16:14	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.06	0.05	17.75	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-09RE	Instrumnet Name :	P7
Client Sample ID :	S36-0118RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:19:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.12	29.53	31.58	31.74	7.24	ppb
Antimony	121-1	0.10	0.16	0.17	0.15	28.89	ppb
Arsenic	75-2	15.15	15.19	15.07	15.13	0.42	ppb
Barium	135-1	46.14	47.06	46.49	46.56	1.00	ppb
Barium	137-1	47.15	47.40	46.84	47.13	0.60	ppb
Beryllium	9-1	0.05	0.05	0.06	0.05	12.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	57.79	55.89	55.08	56.25	2.47	ppb
Boron	11-1	56.69	54.52	56.83	56.01	2.31	ppb
Cadmium	111-1	0.03	0.02	0.02	0.02	19.15	ppb
Cadmium	106-1	-2.89	-1.95	-1.78	-2.21		ppb
Cadmium	108-1	0.02	0.02	0.03	0.02	38.11	ppb
Calcium	43-1	95925.05	95629.51	95269.59	95608.05	0.34	ppb
Calcium	44-1	99261.33	99465.13	99154.31	99293.59	0.16	ppb
Chromium	52-2	0.40	0.42	0.44	0.42	5.47	ppb
Cobalt	59-2	0.75	0.74	0.77	0.75	1.78	ppb
Copper	63-2	15.76	15.42	15.58	15.59	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	443.94	446.21	449.08	446.41	0.58	ppb
Iron	57-2	469.33	454.10	460.84	461.42	1.65	ppb
Lead	206-1	0.11	0.12	0.13	0.12	6.42	ppb
Lead	207-1	0.09	0.10	0.11	0.10	11.81	ppb
Lead	208-1	0.10	0.11	0.12	0.11	9.19	ppb
Lithium	6-1						%
Magnesium	24-2	33278.99	33279.24	33333.43	33297.22	0.09	ppb
Manganese	55-2	527.46	524.86	529.20	527.17	0.41	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-09RE	Instrumnet Name :	P7
Client Sample ID :	S36-0118RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:19:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.23	0.22	0.23	3.67	ppb
Molybdenum	95-1	0.60	0.64	0.64	0.63	3.79	ppb
Molybdenum	96-1	0.52	0.49	0.53	0.52	3.86	ppb
Molybdenum	97-1	0.58	0.56	0.67	0.60	10.28	ppb
Molybdenum	98-1	0.63	0.59	0.67	0.63	6.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.72	2.77	2.58	2.69	3.56	ppb
Phosphorus	31-2	39.05	21.41	29.48	29.98	29.45	ppb
Potassium	39-2	5467.41	5453.22	5450.56	5457.06	0.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.10	2.44	1.74	2.09	16.73	ppb
Selenium	78-2	0.35	0.10	0.04	0.16	98.57	ppb
Selenium	82-1	0.50	-0.06	0.23	0.22	125.58	ppb
Silicon	28-1	6833.94	6793.86	6805.08	6810.96	0.30	ppb
Silver	109-1	0.25	0.26	0.25	0.25	1.73	ppb
Silver	107-1	0.25	0.26	0.25	0.25	2.52	ppb
Sodium	23-2	37223.01	37074.63	37250.89	37182.84	0.25	ppb
Strontium	86-1	612.66	613.03	615.89	613.86	0.29	ppb
Strontium	88-1	622.83	618.63	626.84	622.77	0.66	ppb
Sulfur	34-1	9662.66	9393.11	9396.10	9483.96	1.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	8.72	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	10.18	ppb
Tin	118-1	1.03	1.09	1.07	1.06	2.85	ppb
Titanium	47-1	1.65	2.15	1.80	1.87	13.72	ppb
Uranium	238-1	3.18	3.20	3.18	3.19	0.48	ppb
Vanadium	51-2	0.71	0.68	0.71	0.70	2.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.96	7.82	7.84	7.87	0.95	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	5.38	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-09RE	Instrumnet Name :	P7
Client Sample ID :	S36-0118RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:19:43	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.07	0.05	0.05	41.24	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-10RE	Instrumnet Name :	P7
Client Sample ID :	S36-0117RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:23:12	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1519.33	1518.08	1532.86	1523.42	0.54	ppb
Antimony	121-1	0.38	0.45	0.47	0.43	10.97	ppb
Arsenic	75-2	6.08	5.66	5.92	5.89	3.53	ppb
Barium	135-1	61.66	63.66	63.32	62.88	1.70	ppb
Barium	137-1	61.83	63.36	62.35	62.51	1.24	ppb
Beryllium	9-1	0.14	0.12	0.13	0.13	7.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.51	11.37	10.88	11.25	2.95	ppb
Boron	11-1	11.01	11.28	10.69	11.00	2.68	ppb
Cadmium	111-1	0.27	0.26	0.23	0.25	7.39	ppb
Cadmium	106-1	-1.10	-1.34	-1.13	-1.19		ppb
Cadmium	108-1	0.42	0.61	0.49	0.51	18.80	ppb
Calcium	43-1	18572.69	18398.71	18434.80	18468.74	0.50	ppb
Calcium	44-1	19233.38	19042.16	19202.15	19159.23	0.54	ppb
Chromium	52-2	4.67	4.67	4.62	4.65	0.61	ppb
Cobalt	59-2	2.98	2.96	2.93	2.96	0.87	ppb
Copper	63-2	24.19	24.20	23.83	24.08	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2020.21	2006.73	1992.90	2006.61	0.68	ppb
Iron	57-2	1936.33	1924.43	1938.67	1933.14	0.40	ppb
Lead	206-1	7.47	7.35	7.24	7.35	1.54	ppb
Lead	207-1	6.87	6.83	6.78	6.83	0.62	ppb
Lead	208-1	7.18	7.09	7.04	7.10	0.98	ppb
Lithium	6-1						%
Magnesium	24-2	666.07	660.18	673.44	666.57	1.00	ppb
Manganese	55-2	60.67	61.40	60.50	60.86	0.78	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-10RE	Instrumnet Name :	P7
Client Sample ID :	S36-0117RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:23:12	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.78	0.77	0.79	0.78	1.33	ppb
Molybdenum	95-1	1.82	1.74	1.67	1.74	4.16	ppb
Molybdenum	96-1	1.51	1.48	1.49	1.49	0.81	ppb
Molybdenum	97-1	1.84	1.68	1.69	1.74	5.25	ppb
Molybdenum	98-1	1.68	1.71	1.65	1.68	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.82	3.89	3.96	3.89	1.79	ppb
Phosphorus	31-2	3471.02	3428.21	3474.13	3457.79	0.74	ppb
Potassium	39-2	21730.22	21633.87	21832.43	21732.17	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.85	1.40	3.47	2.91	45.38	ppb
Selenium	78-2	-0.34	-0.17	0.33	-0.06		ppb
Selenium	82-1	0.71	0.35	1.18	0.74	55.92	ppb
Silicon	28-1	2758.96	2744.46	2810.37	2771.26	1.25	ppb
Silver	109-1	0.26	0.25	0.25	0.25	2.30	ppb
Silver	107-1	0.25	0.25	0.26	0.25	1.41	ppb
Sodium	23-2	7066.47	7117.75	7116.29	7100.17	0.41	ppb
Strontium	86-1	157.38	158.89	158.57	158.28	0.50	ppb
Strontium	88-1	160.29	161.06	159.60	160.32	0.46	ppb
Sulfur	34-1	1556.57	1476.14	1366.70	1466.47	6.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.07	0.06	0.06	11.74	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	4.97	ppb
Tin	118-1	0.99	1.08	1.07	1.05	4.50	ppb
Titanium	47-1	58.63	56.13	55.95	56.90	2.63	ppb
Uranium	238-1	0.77	0.77	0.75	0.77	1.56	ppb
Vanadium	51-2	9.25	9.30	9.53	9.36	1.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2002.53	2011.34	2003.63	2005.83	0.24	ppb
Zirconium	90-1	0.36	0.39	0.37	0.38	4.46	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-10RE	Instrumnet Name :	P7
Client Sample ID :	S36-0117RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:23:12	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.35	0.39	0.38	6.21	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-11RE	Instrumnet Name :	P7
Client Sample ID :	S36-0114RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:26:42	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139.76	156.40	147.38	147.84	5.63	ppb
Antimony	121-1	0.11	0.12	0.17	0.14	21.39	ppb
Arsenic	75-2	30.51	30.06	30.49	30.36	0.85	ppb
Barium	135-1	35.61	35.18	35.83	35.54	0.93	ppb
Barium	137-1	35.76	35.50	35.59	35.62	0.37	ppb
Beryllium	9-1	0.05	0.05	0.07	0.06	14.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	74.41	75.26	76.70	75.46	1.53	ppb
Boron	11-1	76.79	78.37	78.38	77.85	1.18	ppb
Cadmium	111-1	-0.02	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-1.40	-1.93	-1.64	-1.66		ppb
Cadmium	108-1	0.04	-0.01	0.10	0.04	129.87	ppb
Calcium	43-1	81927.22	82142.96	81972.31	82014.16	0.14	ppb
Calcium	44-1	85539.83	84700.43	86497.22	85579.16	1.05	ppb
Chromium	52-2	1.49	1.53	1.54	1.52	1.68	ppb
Cobalt	59-2	0.35	0.38	0.39	0.37	5.31	ppb
Copper	63-2	15.15	15.25	15.12	15.17	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1207.41	1220.41	1218.63	1215.48	0.58	ppb
Iron	57-2	1224.74	1228.24	1211.97	1221.65	0.70	ppb
Lead	206-1	0.19	0.17	0.20	0.18	7.85	ppb
Lead	207-1	0.14	0.16	0.17	0.16	10.39	ppb
Lead	208-1	0.17	0.16	0.17	0.17	5.11	ppb
Lithium	6-1						%
Magnesium	24-2	35786.34	35863.60	35505.49	35718.48	0.53	ppb
Manganese	55-2	611.85	617.55	614.37	614.59	0.46	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-11RE	Instrumnet Name :	P7
Client Sample ID :	S36-0114RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:26:42	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.31	0.31	0.37	0.33	10.49	ppb
Molybdenum	95-1	0.67	0.69	0.69	0.69	1.76	ppb
Molybdenum	96-1	0.58	0.59	0.59	0.59	1.21	ppb
Molybdenum	97-1	0.67	0.73	0.78	0.73	7.51	ppb
Molybdenum	98-1	0.66	0.66	0.70	0.67	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.64	1.63	1.58	1.62	2.01	ppb
Phosphorus	31-2	63.14	61.71	90.59	71.81	22.67	ppb
Potassium	39-2	6357.59	6410.06	6402.85	6390.16	0.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.85	2.78	4.16	3.59	20.14	ppb
Selenium	78-2	0.35	-0.37	-0.60	-0.21		ppb
Selenium	82-1	1.48	0.12	1.60	1.06	77.11	ppb
Silicon	28-1	6967.90	6962.82	6956.03	6962.25	0.09	ppb
Silver	109-1	0.20	0.22	0.20	0.21	6.23	ppb
Silver	107-1	0.20	0.22	0.21	0.21	4.56	ppb
Sodium	23-2	36406.95	36274.25	36253.74	36311.64	0.23	ppb
Strontium	86-1	636.49	638.00	640.18	638.22	0.29	ppb
Strontium	88-1	643.48	642.51	651.36	645.78	0.75	ppb
Sulfur	34-1	6134.66	6185.15	6195.34	6171.72	0.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.79	0.89	0.84	0.84	5.77	ppb
Titanium	47-1	9.10	9.35	9.12	9.19	1.52	ppb
Uranium	238-1	6.39	6.45	6.44	6.43	0.54	ppb
Vanadium	51-2	0.82	0.85	0.91	0.86	5.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.48	8.44	8.35	8.43	0.82	ppb
Zirconium	90-1	0.14	0.16	0.17	0.16	8.14	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-11RE	Instrumnet Name :	P7
Client Sample ID :	S36-0114RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:26:42	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.19	0.16	0.17	9.19	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-12RE	Instrumnet Name :	P7
Client Sample ID :	S36-0115RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	685.98	705.63	688.55	693.39	1.54	ppb
Antimony	121-1	0.31	0.34	0.34	0.33	5.18	ppb
Arsenic	75-2	32.31	32.27	32.20	32.26	0.17	ppb
Barium	135-1	20.31	20.24	20.15	20.23	0.40	ppb
Barium	137-1	21.29	20.48	20.20	20.66	2.73	ppb
Beryllium	9-1	0.05	0.08	0.06	0.07	25.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.65	52.14	55.56	53.12	4.01	ppb
Boron	11-1	52.32	52.39	54.49	53.07	2.32	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00		ppb
Cadmium	106-1	-2.46	-2.59	-1.46	-2.17		ppb
Cadmium	108-1	0.03	0.05	0.01	0.03	51.55	ppb
Calcium	43-1	44588.87	44363.85	44681.12	44544.61	0.37	ppb
Calcium	44-1	46392.64	46503.87	46470.83	46455.78	0.12	ppb
Chromium	52-2	2.48	2.56	2.52	2.52	1.56	ppb
Cobalt	59-2	0.61	0.58	0.60	0.60	2.78	ppb
Copper	63-2	19.93	20.26	19.91	20.03	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	935.08	927.18	933.61	931.96	0.45	ppb
Iron	57-2	937.17	931.09	930.20	932.82	0.41	ppb
Lead	206-1	1.21	1.24	1.26	1.23	1.99	ppb
Lead	207-1	1.11	1.10	1.12	1.11	1.08	ppb
Lead	208-1	1.17	1.19	1.20	1.19	1.05	ppb
Lithium	6-1						%
Magnesium	24-2	10301.27	10269.49	10253.89	10274.88	0.24	ppb
Manganese	55-2	75.90	76.09	77.41	76.47	1.07	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-12RE	Instrumnet Name :	P7
Client Sample ID :	S36-0115RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.04	0.89	0.93	0.95	8.22	ppb
Molybdenum	95-1	2.40	2.51	2.52	2.48	2.64	ppb
Molybdenum	96-1	2.00	1.96	2.21	2.06	6.51	ppb
Molybdenum	97-1	2.57	2.39	2.59	2.52	4.42	ppb
Molybdenum	98-1	2.38	2.44	2.46	2.43	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.69	1.69	1.74	4.97	ppb
Phosphorus	31-2	167.06	111.85	136.53	138.48	19.97	ppb
Potassium	39-2	20555.49	20251.34	20090.54	20299.12	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.54	1.78	2.11	2.48	37.86	ppb
Selenium	78-2	-0.08	-0.60	0.20	-0.16		ppb
Selenium	82-1	0.40	1.32	-0.18	0.51	147.70	ppb
Silicon	28-1	6039.84	5970.03	6194.36	6068.08	1.89	ppb
Silver	109-1	0.21	0.21	0.20	0.21	2.45	ppb
Silver	107-1	0.20	0.21	0.21	0.21	1.08	ppb
Sodium	23-2	51317.35	50831.56	50205.46	50784.79	1.10	ppb
Strontium	86-1	318.09	318.98	317.17	318.08	0.28	ppb
Strontium	88-1	324.99	324.04	324.13	324.38	0.16	ppb
Sulfur	34-1	4634.71	4438.05	4271.59	4448.12	4.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.01	0.01	21.36	ppb
Tin	118-1	0.85	0.88	0.85	0.86	1.57	ppb
Titanium	47-1	30.71	29.43	29.07	29.73	2.90	ppb
Uranium	238-1	0.50	0.50	0.50	0.50	0.49	ppb
Vanadium	51-2	2.03	1.99	2.06	2.02	1.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	119.05	118.02	118.64	118.57	0.44	ppb
Zirconium	90-1	0.45	0.25	0.24	0.31	38.62	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-12RE	Instrumnet Name :	P7
Client Sample ID :	S36-0115RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.24	0.25	2.87	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-13RE	Instrumnet Name :	P7
Client Sample ID :	S36-0116RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:33:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.77	532.94	516.71	517.47	2.92	ppb
Antimony	121-1	0.18	0.19	0.23	0.20	14.44	ppb
Arsenic	75-2	31.77	31.78	32.30	31.95	0.94	ppb
Barium	135-1	19.80	18.86	19.22	19.29	2.46	ppb
Barium	137-1	19.76	19.39	19.28	19.48	1.29	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	21.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.96	52.35	52.26	50.85	4.93	ppb
Boron	11-1	52.37	52.95	53.18	52.83	0.79	ppb
Cadmium	111-1	0.00	-0.01	0.00	0.00		ppb
Cadmium	106-1	-1.93	-2.16	-1.95	-2.01		ppb
Cadmium	108-1	0.03	0.09	-0.01	0.04	140.62	ppb
Calcium	43-1	44398.76	43847.42	44498.86	44248.34	0.79	ppb
Calcium	44-1	46379.37	46206.01	46326.39	46303.92	0.19	ppb
Chromium	52-2	2.07	2.10	2.17	2.11	2.28	ppb
Cobalt	59-2	0.48	0.53	0.51	0.51	5.43	ppb
Copper	63-2	19.50	19.39	18.97	19.28	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	677.70	678.13	675.95	677.26	0.17	ppb
Iron	57-2	682.73	668.32	673.30	674.79	1.08	ppb
Lead	206-1	1.03	1.12	1.11	1.09	4.40	ppb
Lead	207-1	1.01	1.00	0.99	1.00	1.08	ppb
Lead	208-1	1.01	1.07	1.05	1.04	3.02	ppb
Lithium	6-1						%
Magnesium	24-2	10048.80	10120.11	10004.81	10057.91	0.58	ppb
Manganese	55-2	72.36	73.16	72.58	72.70	0.57	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-13RE	Instrumnet Name :	P7
Client Sample ID :	S36-0116RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:33:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.89	0.89	0.91	0.90	1.57	ppb
Molybdenum	95-1	2.39	2.39	2.45	2.41	1.49	ppb
Molybdenum	96-1	2.07	2.05	2.01	2.04	1.67	ppb
Molybdenum	97-1	2.44	2.50	2.46	2.47	1.11	ppb
Molybdenum	98-1	2.47	2.49	2.42	2.46	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.66	1.71	1.73	1.70	2.03	ppb
Phosphorus	31-2	129.69	142.56	142.19	138.15	5.31	ppb
Potassium	39-2	20481.27	20488.82	20385.71	20451.94	0.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.48	3.95	2.46	2.97	28.80	ppb
Selenium	78-2	-0.31	-0.16	-0.15	-0.21		ppb
Selenium	82-1	-0.77	0.14	0.79	0.05	1489.81	ppb
Silicon	28-1	5663.21	5557.15	5642.13	5620.83	1.00	ppb
Silver	109-1	0.19	0.21	0.19	0.20	7.65	ppb
Silver	107-1	0.19	0.21	0.18	0.19	5.80	ppb
Sodium	23-2	50883.80	50945.11	50858.77	50895.89	0.09	ppb
Strontium	86-1	316.89	316.04	316.50	316.48	0.13	ppb
Strontium	88-1	323.03	321.30	322.19	322.18	0.27	ppb
Sulfur	34-1	4666.50	4430.18	4525.82	4540.83	2.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	81.81	ppb
Tin	118-1	0.75	0.74	0.74	0.75	0.97	ppb
Titanium	47-1	20.70	19.57	19.01	19.76	4.38	ppb
Uranium	238-1	0.47	0.48	0.49	0.48	1.38	ppb
Vanadium	51-2	1.66	1.63	1.67	1.65	1.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	116.05	118.27	117.62	117.31	0.97	ppb
Zirconium	90-1	0.19	0.17	0.19	0.18	5.30	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-13RE	Instrumnet Name :	P7
Client Sample ID :	S36-0116RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:33:42	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.20	0.23	0.21	9.17	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:37:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.65	1.42	1.96	1.68	16.32	ppb
Antimony	121-1	-0.35	-0.33	-0.34	-0.34		ppb
Arsenic	75-2	0.06	0.04	0.11	0.07	54.75	ppb
Barium	135-1	0.12	0.15	0.11	0.13	14.55	ppb
Barium	137-1	0.13	0.16	0.13	0.14	13.07	ppb
Beryllium	9-1	-0.01	0.01	0.02	0.01	267.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.55	6.15	5.94	6.21	5.03	ppb
Boron	11-1	7.34	7.09	6.82	7.08	3.68	ppb
Cadmium	111-1	-0.02	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-1.62	-1.25	-1.14	-1.34		ppb
Cadmium	108-1	-0.04	-0.05	-0.06	-0.05		ppb
Calcium	43-1	26.77	31.43	33.63	30.61	11.45	ppb
Calcium	44-1	29.53	32.57	32.61	31.57	5.59	ppb
Chromium	52-2	0.04	0.08	0.07	0.06	26.24	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	3.83	3.84	3.73	3.80	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8.35	8.43	8.30	8.36	0.81	ppb
Iron	57-2	7.42	7.58	8.15	7.72	4.98	ppb
Lead	206-1	0.06	0.06	0.07	0.06	5.58	ppb
Lead	207-1	0.05	0.06	0.06	0.06	17.10	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.30	ppb
Lithium	6-1						%
Magnesium	24-2	3.51	4.24	4.21	3.99	10.45	ppb
Manganese	55-2	0.75	0.76	0.71	0.74	3.48	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:37:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	95-1	-0.05	-0.05	-0.04	-0.05		ppb
Molybdenum	96-1	-0.06	-0.05	-0.03	-0.05		ppb
Molybdenum	97-1	-0.06	-0.05	-0.05	-0.05		ppb
Molybdenum	98-1	-0.05	-0.04	-0.03	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.21	0.27	0.23	12.69	ppb
Phosphorus	31-2	-4.58	-7.86	-2.13	-4.86		ppb
Potassium	39-2	51.65	57.07	57.75	55.49	6.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.61	0.61	0.00	0.41	86.60	ppb
Selenium	78-2	-0.31	0.60	0.21	0.17	273.79	ppb
Selenium	82-1	1.71	1.30	1.32	1.44	16.08	ppb
Silicon	28-1	463.53	467.30	478.49	469.78	1.66	ppb
Silver	109-1	0.05	0.06	0.05	0.05	9.50	ppb
Silver	107-1	0.05	0.06	0.05	0.05	10.96	ppb
Sodium	23-2	128.67	125.79	130.34	128.26	1.79	ppb
Strontium	86-1	0.12	0.03	0.17	0.10	66.72	ppb
Strontium	88-1	0.17	0.16	0.17	0.16	2.10	ppb
Sulfur	34-1	-935.19	-744.43	-513.08	-730.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	0.00	0.01	0.00	179.87	ppb
Titanium	47-1	0.06	0.11	0.14	0.10	34.54	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	13.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.19	9.26	8.89	9.11	2.13	ppb
Zirconium	90-1	-0.02	-0.03	-0.03	-0.03		ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:37:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	-0.03	-0.01	-0.02		ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:40:38	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9340.46	9389.72	9310.30	9346.83	0.43	ppb
Antimony	121-1	498.77	495.37	493.18	495.77	0.57	ppb
Arsenic	75-2	512.72	521.87	512.79	515.79	1.02	ppb
Barium	135-1	2503.63	2514.60	2494.01	2504.08	0.41	ppb
Barium	137-1	2503.07	2474.12	2489.95	2489.05	0.58	ppb
Beryllium	9-1	511.03	508.80	509.94	509.92	0.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	497.28	498.55	503.31	499.71	0.64	ppb
Boron	11-1	497.97	495.11	501.51	498.20	0.64	ppb
Cadmium	111-1	500.33	496.63	498.84	498.60	0.37	ppb
Cadmium	106-1	510.30	497.77	505.93	504.67	1.26	ppb
Cadmium	108-1	507.76	500.75	504.79	504.43	0.70	ppb
Calcium	43-1	46238.06	46374.21	46963.00	46525.09	0.83	ppb
Calcium	44-1	48105.20	47998.29	48704.08	48269.19	0.79	ppb
Chromium	52-2	517.31	522.96	515.07	518.45	0.78	ppb
Cobalt	59-2	518.56	528.33	519.05	521.98	1.05	ppb
Copper	63-2	1040.21	1054.99	1034.02	1043.07	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25768.13	25831.97	25523.59	25707.90	0.63	ppb
Iron	57-2	24566.96	24916.79	24576.03	24686.59	0.81	ppb
Lead	206-1	499.34	509.81	507.00	505.38	1.07	ppb
Lead	207-1	474.68	484.13	480.26	479.69	0.99	ppb
Lead	208-1	494.38	498.64	498.83	497.28	0.51	ppb
Lithium	6-1						%
Magnesium	24-2	50538.91	50047.25	49619.60	50068.59	0.92	ppb
Manganese	55-2	990.44	1001.10	989.87	993.80	0.64	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:40:38	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.09	503.33	497.27	501.23	0.69	ppb
Molybdenum	95-1	491.00	488.64	486.56	488.73	0.45	ppb
Molybdenum	96-1	481.04	479.48	478.40	479.64	0.28	ppb
Molybdenum	97-1	501.02	498.80	495.06	498.29	0.60	ppb
Molybdenum	98-1	506.51	501.26	500.83	502.87	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.99	534.39	525.97	529.45	0.83	ppb
Phosphorus	31-2	9978.68	10140.24	10004.84	10041.25	0.86	ppb
Potassium	39-2	24560.12	24652.33	24249.32	24487.26	0.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	491.37	525.54	495.57	504.16	3.70	ppb
Selenium	78-2	518.03	511.11	513.01	514.05	0.70	ppb
Selenium	82-1	509.25	508.24	502.64	506.71	0.70	ppb
Silicon	28-1	500.65	495.46	507.07	501.06	1.16	ppb
Silver	109-1	511.79	508.33	510.24	510.12	0.34	ppb
Silver	107-1	511.19	506.54	508.86	508.86	0.46	ppb
Sodium	23-2	51083.15	51042.46	50039.17	50721.59	1.17	ppb
Strontium	86-1	493.84	493.33	494.09	493.75	0.08	ppb
Strontium	88-1	499.61	499.58	500.66	499.95	0.12	ppb
Sulfur	34-1	10407.89	10474.55	10497.31	10459.92	0.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	494.61	504.88	499.54	499.68	1.03	ppb
Thallium	205-1	492.74	505.46	500.35	499.52	1.28	ppb
Tin	118-1	509.09	498.27	502.56	503.31	1.08	ppb
Titanium	47-1	497.59	496.76	500.54	498.29	0.40	ppb
Uranium	238-1	491.55	495.79	498.57	495.31	0.71	ppb
Vanadium	51-2	512.73	518.38	510.35	513.82	0.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1045.74	1060.20	1044.78	1050.24	0.82	ppb
Zirconium	90-1	502.41	501.89	501.89	502.06	0.06	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:40:38	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.64	479.42	478.34	479.80	0.35	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:50:56	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.51	0.27	0.41	30.59	ppb
Antimony	121-1	0.11	0.38	0.55	0.35	63.11	ppb
Arsenic	75-2	0.02	0.07	0.05	0.05	46.71	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	733.20	ppb
Barium	137-1	0.00	0.02	0.00	0.01	168.21	ppb
Beryllium	9-1	0.01	0.03	0.03	0.02	39.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.30	2.41	2.52	2.74	17.53	ppb
Boron	11-1	2.91	2.88	3.07	2.95	3.50	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	264.13	ppb
Cadmium	106-1	-0.15	-0.88	-0.59	-0.54		ppb
Cadmium	108-1	-0.06	0.00	-0.07	-0.04		ppb
Calcium	43-1	0.20	0.57	2.21	0.99	107.51	ppb
Calcium	44-1	-2.23	-3.44	-2.66	-2.78		ppb
Chromium	52-2	-0.03	-0.01	0.00	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.76	1.77	1.83	1.79	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.06	0.08	0.22	0.12	70.67	ppb
Iron	57-2	0.33	-0.26	-0.01	0.02	1405.06	ppb
Lead	206-1	0.06	0.05	0.04	0.05	22.91	ppb
Lead	207-1	0.05	0.05	0.04	0.05	14.12	ppb
Lead	208-1	0.05	0.04	0.04	0.04	7.75	ppb
Lithium	6-1						%
Magnesium	24-2	0.22	0.40	0.54	0.39	40.95	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:50:56	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.03	0.02	78.46	ppb
Molybdenum	95-1	0.02	0.06	0.10	0.06	69.81	ppb
Molybdenum	96-1	0.01	0.03	0.07	0.04	86.17	ppb
Molybdenum	97-1	0.01	0.04	0.10	0.05	96.45	ppb
Molybdenum	98-1	0.03	0.06	0.10	0.07	54.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.00	0.00	1095.85	ppb
Phosphorus	31-2	-13.43	3.97	-8.51	-5.99		ppb
Potassium	39-2	10.60	16.48	16.87	14.65	23.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.94	0.00	0.31	173.21	ppb
Selenium	78-2	-0.39	-0.47	-0.74	-0.53		ppb
Selenium	82-1	0.99	0.70	-1.01	0.23	474.85	ppb
Silicon	28-1	-7.36	-7.39	-7.16	-7.30		ppb
Silver	109-1	0.02	0.02	0.03	0.02	16.19	ppb
Silver	107-1	0.02	0.02	0.03	0.03	13.88	ppb
Sodium	23-2	20.06	21.31	20.39	20.59	3.14	ppb
Strontium	86-1	-0.04	-0.09	0.01	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	122.68	ppb
Sulfur	34-1	122.98	133.26	349.03	201.75	63.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.03	0.05	0.03	39.78	ppb
Titanium	47-1	0.01	0.00	0.01	0.01	49.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	37.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.15	0.14	0.13	23.10	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:50:56	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.02	0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BL	Instrumnet Name :	P7
Client Sample ID :	PB98763BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:54:24	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.20	0.14	0.24	53.30	ppb
Antimony	121-1	-0.18	-0.11	-0.07	-0.12		ppb
Arsenic	75-2	0.02	0.02	0.04	0.03	52.53	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	1313.55	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	80.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.95	1.89	1.87	1.90	2.16	ppb
Boron	11-1	2.20	1.98	2.31	2.16	7.80	ppb
Cadmium	111-1	-0.01	0.00	0.00	0.00		ppb
Cadmium	106-1	-1.25	-0.37	-0.16	-0.59		ppb
Cadmium	108-1	-0.03	-0.07	-0.06	-0.05		ppb
Calcium	43-1	-0.21	0.71	1.78	0.76	131.70	ppb
Calcium	44-1	-3.77	-3.63	-3.81	-3.74		ppb
Chromium	52-2	0.02	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.66	1.63	1.67	1.65	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.03	-0.04	0.02	-0.02		ppb
Iron	57-2	0.37	-0.04	-0.16	0.05	505.67	ppb
Lead	206-1	0.06	0.06	0.06	0.06	4.92	ppb
Lead	207-1	0.04	0.05	0.04	0.04	3.20	ppb
Lead	208-1	0.04	0.05	0.04	0.04	2.28	ppb
Lithium	6-1						%
Magnesium	24-2	0.55	0.19	0.24	0.32	60.15	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BL	Instrumnet Name :	P7
Client Sample ID :	PB98763BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:54:24	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.01	0.01	0.00		ppb
Molybdenum	95-1	-0.03	-0.01	0.02	-0.01		ppb
Molybdenum	96-1	-0.03	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.04	0.03	0.02	81.27	ppb
Molybdenum	98-1	-0.02	0.00	0.04	0.01	431.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.03	-0.03		ppb
Phosphorus	31-2	2.35	-8.12	-0.07	-1.94		ppb
Potassium	39-2	9.25	8.74	15.15	11.04	32.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.31	0.10	173.21	ppb
Selenium	78-2	-0.38	-0.59	0.12	-0.28		ppb
Selenium	82-1	0.99	0.04	0.96	0.66	81.15	ppb
Silicon	28-1	-7.58	-7.52	-7.21	-7.44		ppb
Silver	109-1	0.02	0.02	0.02	0.02	5.59	ppb
Silver	107-1	0.02	0.02	0.02	0.02	0.69	ppb
Sodium	23-2	19.59	19.05	20.86	19.83	4.70	ppb
Strontium	86-1	-0.03	-0.09	-0.08	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	104.87	ppb
Sulfur	34-1	402.88	285.77	397.97	362.21	18.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.01	0.04	0.02	126.24	ppb
Titanium	47-1	0.03	-0.01	0.00	0.01	344.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	90.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.07	0.08	0.08	16.70	ppb
Zirconium	90-1	-0.01	-0.01	-0.02	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BL	Instrumnet Name :	P7
Client Sample ID :	PB98763BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:54:24	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	-0.01	-0.02	-0.02		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BS	Instrumnet Name :	P7
Client Sample ID :	PB98763BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:57:53	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9575.07	9572.57	9576.72	9574.78	0.02	ppb
Antimony	121-1	520.48	509.89	504.49	511.62	1.59	ppb
Arsenic	75-2	521.32	522.38	516.76	520.15	0.57	ppb
Barium	135-1	2541.85	2550.94	2544.62	2545.80	0.18	ppb
Barium	137-1	2565.21	2544.25	2540.63	2550.03	0.52	ppb
Beryllium	9-1	517.42	516.89	510.53	514.95	0.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	496.98	501.41	496.15	498.18	0.57	ppb
Boron	11-1	499.98	497.86	498.95	498.93	0.21	ppb
Cadmium	111-1	516.96	512.27	512.47	513.90	0.52	ppb
Cadmium	106-1	523.12	518.43	515.85	519.13	0.71	ppb
Cadmium	108-1	518.90	518.43	518.79	518.71	0.05	ppb
Calcium	43-1	47012.44	47645.69	46850.98	47169.71	0.89	ppb
Calcium	44-1	49278.15	49195.71	49025.10	49166.32	0.26	ppb
Chromium	52-2	518.83	517.62	518.25	518.23	0.12	ppb
Cobalt	59-2	519.83	522.19	517.58	519.87	0.44	ppb
Copper	63-2	1034.19	1039.76	1032.54	1035.50	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25849.00	25860.81	25604.09	25771.30	0.56	ppb
Iron	57-2	24796.86	24923.89	24669.56	24796.77	0.51	ppb
Lead	206-1	506.85	514.16	503.88	508.30	1.04	ppb
Lead	207-1	480.88	485.22	480.90	482.33	0.52	ppb
Lead	208-1	502.82	506.06	499.53	502.80	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	51072.79	50685.33	50707.68	50821.93	0.43	ppb
Manganese	55-2	1006.46	1004.45	1002.95	1004.62	0.18	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BS	Instrumnet Name :	P7
Client Sample ID :	PB98763BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:57:53	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	510.10	507.96	499.80	505.96	1.07	ppb
Molybdenum	95-1	502.58	496.25	488.88	495.90	1.38	ppb
Molybdenum	96-1	487.74	485.65	481.11	484.83	0.70	ppb
Molybdenum	97-1	509.90	504.26	498.71	504.29	1.11	ppb
Molybdenum	98-1	519.87	515.43	507.73	514.34	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.74	530.92	523.66	527.44	0.69	ppb
Phosphorus	31-2	10259.41	10467.80	10223.73	10316.98	1.28	ppb
Potassium	39-2	24900.79	24779.01	24858.27	24846.02	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	519.92	519.39	531.29	523.53	1.28	ppb
Selenium	78-2	515.35	520.51	521.07	518.98	0.61	ppb
Selenium	82-1	520.59	517.07	518.42	518.69	0.34	ppb
Silicon	28-1	524.78	530.64	524.61	526.68	0.65	ppb
Silver	109-1	520.47	520.96	519.26	520.23	0.17	ppb
Silver	107-1	522.58	521.36	517.79	520.58	0.48	ppb
Sodium	23-2	51432.81	51219.99	50995.92	51216.24	0.43	ppb
Strontium	86-1	507.69	500.91	503.52	504.04	0.68	ppb
Strontium	88-1	509.16	508.13	511.44	509.58	0.33	ppb
Sulfur	34-1	11092.27	11224.51	10971.15	11095.98	1.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.29	505.61	503.35	503.75	0.34	ppb
Thallium	205-1	501.72	503.02	502.92	502.55	0.14	ppb
Tin	118-1	524.26	517.01	510.56	517.28	1.32	ppb
Titanium	47-1	501.46	508.86	506.13	505.49	0.74	ppb
Uranium	238-1	499.94	503.85	496.66	500.15	0.72	ppb
Vanadium	51-2	516.37	514.89	512.67	514.64	0.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1054.02	1060.70	1048.20	1054.31	0.59	ppb
Zirconium	90-1	509.41	509.01	505.76	508.06	0.39	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BS	Instrumnet Name :	P7
Client Sample ID :	PB98763BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:57:53	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.67	490.99	485.96	489.54	0.64	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:01:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	147.22	145.64	142.57	145.14	1.63	ppb
Antimony	121-1	4.15	4.76	5.37	4.76	12.76	ppb
Arsenic	75-2	17.59	17.81	18.69	18.03	3.22	ppb
Barium	135-1	3.65	3.73	3.59	3.66	2.04	ppb
Barium	137-1	3.71	3.57	3.70	3.66	2.21	ppb
Beryllium	9-1	0.09	0.10	0.08	0.09	9.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.85	17.45	16.00	17.10	5.68	ppb
Boron	11-1	17.55	16.72	16.34	16.87	3.68	ppb
Cadmium	111-1	0.16	0.16	0.07	0.13	40.67	ppb
Cadmium	106-1	-1.25	-1.56	-1.34	-1.39		ppb
Cadmium	108-1	0.06	0.06	0.12	0.08	42.21	ppb
Calcium	43-1	5353.70	5408.59	5347.81	5370.03	0.62	ppb
Calcium	44-1	5441.20	5475.90	5459.59	5458.90	0.32	ppb
Chromium	52-2	0.35	0.34	0.36	0.35	2.67	ppb
Cobalt	59-2	1.01	1.03	0.97	1.00	3.14	ppb
Copper	63-2	19.79	19.53	19.20	19.51	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1502.41	1511.04	1495.03	1502.82	0.53	ppb
Iron	57-2	1468.41	1507.34	1498.59	1491.45	1.37	ppb
Lead	206-1	0.35	0.34	0.31	0.33	6.68	ppb
Lead	207-1	0.31	0.32	0.27	0.30	8.99	ppb
Lead	208-1	0.33	0.32	0.29	0.31	6.10	ppb
Lithium	6-1						%
Magnesium	24-2	316.60	318.96	318.30	317.95	0.38	ppb
Manganese	55-2	138.97	140.40	140.45	139.94	0.60	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:01:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.60	0.62	0.75	0.66	12.59	ppb
Molybdenum	95-1	1.26	1.48	1.68	1.47	14.47	ppb
Molybdenum	96-1	1.05	1.20	1.39	1.21	13.97	ppb
Molybdenum	97-1	1.36	1.44	1.65	1.48	10.27	ppb
Molybdenum	98-1	1.30	1.43	1.71	1.48	14.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.09	1.04	1.04	4.66	ppb
Phosphorus	31-2	91.29	113.99	98.69	101.32	11.43	ppb
Potassium	39-2	3195.51	3232.13	3219.36	3215.67	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.60	1.43	3.57	2.87	43.36	ppb
Selenium	78-2	1.04	0.43	1.19	0.89	45.59	ppb
Selenium	82-1	1.68	1.21	1.98	1.62	24.09	ppb
Silicon	28-1	2353.95	2363.17	2370.77	2362.63	0.36	ppb
Silver	109-1	0.73	0.65	0.60	0.66	10.29	ppb
Silver	107-1	0.72	0.66	0.60	0.66	9.63	ppb
Sodium	23-2	2788.48	2815.62	2788.89	2797.66	0.56	ppb
Strontium	86-1	37.57	38.21	37.91	37.90	0.85	ppb
Strontium	88-1	37.64	37.59	37.36	37.53	0.40	ppb
Sulfur	34-1	831.67	938.72	784.09	851.49	9.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.14	0.09	0.07	0.10	39.74	ppb
Thallium	205-1	0.14	0.10	0.07	0.10	34.75	ppb
Tin	118-1	0.81	0.89	0.95	0.88	7.87	ppb
Titanium	47-1	3.29	3.91	3.42	3.54	9.14	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	5.70	ppb
Vanadium	51-2	0.78	0.76	0.78	0.77	1.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.90	7.41	7.88	7.73	3.60	ppb
Zirconium	90-1	0.27	0.31	0.33	0.30	9.25	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:01:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.31	0.30	0.30	4.75	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUP	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:04:45	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	146.47	152.40	157.64	152.17	3.67	ppb
Antimony	121-1	0.82	0.91	1.10	0.95	15.04	ppb
Arsenic	75-2	17.79	18.05	17.99	17.94	0.75	ppb
Barium	135-1	3.86	3.54	3.54	3.65	5.04	ppb
Barium	137-1	3.74	3.79	3.78	3.77	0.76	ppb
Beryllium	9-1	0.10	0.10	0.09	0.09	8.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.74	11.86	10.81	11.14	5.65	ppb
Boron	11-1	11.61	11.59	11.11	11.43	2.44	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	531.36	ppb
Cadmium	106-1	-1.96	-2.30	-1.91	-2.06		ppb
Cadmium	108-1	0.03	0.03	0.00	0.02	81.40	ppb
Calcium	43-1	5481.29	5484.30	5439.84	5468.48	0.45	ppb
Calcium	44-1	5622.54	5647.03	5598.89	5622.82	0.43	ppb
Chromium	52-2	0.37	0.34	0.31	0.34	9.29	ppb
Cobalt	59-2	1.07	1.03	1.00	1.04	3.33	ppb
Copper	63-2	17.18	16.66	16.93	16.92	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1549.18	1553.77	1539.14	1547.36	0.48	ppb
Iron	57-2	1553.72	1563.78	1523.42	1546.97	1.36	ppb
Lead	206-1	0.25	0.29	0.27	0.27	6.19	ppb
Lead	207-1	0.22	0.23	0.22	0.22	3.85	ppb
Lead	208-1	0.24	0.24	0.25	0.24	2.34	ppb
Lithium	6-1						%
Magnesium	24-2	324.23	327.38	320.55	324.05	1.06	ppb
Manganese	55-2	144.05	145.43	145.12	144.87	0.50	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUP	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:04:45	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.36	0.35	0.34	5.54	ppb
Molybdenum	95-1	0.73	0.87	0.89	0.83	10.72	ppb
Molybdenum	96-1	0.66	0.73	0.72	0.71	5.51	ppb
Molybdenum	97-1	0.74	0.88	0.90	0.84	10.48	ppb
Molybdenum	98-1	0.76	0.79	0.89	0.81	8.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.04	1.01	1.01	3.82	ppb
Phosphorus	31-2	115.11	70.59	73.69	86.47	28.75	ppb
Potassium	39-2	3305.05	3319.65	3318.14	3314.28	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.97	1.77	2.48	3.07	54.62	ppb
Selenium	78-2	-0.13	-0.31	0.04	-0.14		ppb
Selenium	82-1	0.80	0.57	0.86	0.75	20.35	ppb
Silicon	28-1	2409.02	2423.42	2449.62	2427.35	0.85	ppb
Silver	109-1	0.34	0.35	0.33	0.34	2.42	ppb
Silver	107-1	0.35	0.36	0.33	0.34	4.06	ppb
Sodium	23-2	2870.11	2892.44	2868.78	2877.11	0.46	ppb
Strontium	86-1	38.73	38.11	38.95	38.60	1.13	ppb
Strontium	88-1	38.45	38.56	38.36	38.46	0.26	ppb
Sulfur	34-1	659.51	593.90	529.91	594.44	10.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	68.46	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	20.22	ppb
Tin	118-1	0.61	0.71	0.71	0.68	8.20	ppb
Titanium	47-1	3.80	4.16	3.62	3.86	7.25	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	8.60	ppb
Vanadium	51-2	0.82	0.85	0.79	0.82	3.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.90	7.68	7.46	7.68	2.90	ppb
Zirconium	90-1	0.15	0.16	0.16	0.16	5.49	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUP	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:04:45	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.15	0.19	0.16	14.65	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LX5	Instrumnet Name :	P7
Client Sample ID :	S83-0012L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 15:08:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.89	34.04	36.82	36.25	5.48	ppb
Antimony	121-1	-0.18	-0.17	-0.16	-0.17		ppb
Arsenic	75-2	3.99	3.87	4.24	4.03	4.74	ppb
Barium	135-1	0.87	0.80	0.76	0.81	6.89	ppb
Barium	137-1	0.81	0.81	0.75	0.79	4.81	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	43.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.45	5.72	4.69	5.29	10.13	ppb
Boron	11-1	5.02	4.75	4.60	4.79	4.46	ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-2.23	-2.09	-2.11	-2.14		ppb
Cadmium	108-1	-0.07	-0.07	-0.04	-0.06		ppb
Calcium	43-1	1232.93	1184.77	1192.13	1203.28	2.16	ppb
Calcium	44-1	1228.94	1209.19	1218.46	1218.86	0.81	ppb
Chromium	52-2	0.07	0.10	0.06	0.08	23.30	ppb
Cobalt	59-2	0.22	0.21	0.20	0.21	4.87	ppb
Copper	63-2	6.46	6.15	6.00	6.20	3.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	337.50	333.69	332.52	334.57	0.78	ppb
Iron	57-2	335.37	335.31	328.10	332.93	1.26	ppb
Lead	206-1	0.03	0.04	0.04	0.03	18.85	ppb
Lead	207-1	0.03	0.01	0.01	0.02	62.09	ppb
Lead	208-1	0.02	0.02	0.02	0.02	17.99	ppb
Lithium	6-1						%
Magnesium	24-2	71.74	72.72	70.52	71.66	1.54	ppb
Manganese	55-2	31.82	31.42	31.48	31.57	0.68	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LX5	Instrumnet Name :	P7
Client Sample ID :	S83-0012L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 15:08:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.05	0.06	7.45	ppb
Molybdenum	95-1	0.18	0.15	0.19	0.17	11.35	ppb
Molybdenum	96-1	0.12	0.11	0.20	0.14	35.69	ppb
Molybdenum	97-1	0.16	0.19	0.15	0.17	13.66	ppb
Molybdenum	98-1	0.17	0.18	0.22	0.19	15.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.19	0.17	0.19	7.96	ppb
Phosphorus	31-2	36.82	20.57	19.19	25.53	38.41	ppb
Potassium	39-2	736.41	738.23	734.85	736.50	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.33	0.99	1.65	0.99	66.56	ppb
Selenium	78-2	0.17	-0.65	-0.11	-0.20		ppb
Selenium	82-1	0.65	-0.26	0.91	0.43	141.10	ppb
Silicon	28-1	573.69	540.80	547.16	553.88	3.15	ppb
Silver	109-1	0.13	0.12	0.12	0.12	4.02	ppb
Silver	107-1	0.13	0.12	0.12	0.12	3.77	ppb
Sodium	23-2	647.34	641.74	644.58	644.55	0.43	ppb
Strontium	86-1	8.66	8.33	8.40	8.46	2.02	ppb
Strontium	88-1	8.39	8.44	8.43	8.42	0.32	ppb
Sulfur	34-1	112.47	-154.85	-89.23	-43.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.08	0.09	0.10	0.09	9.40	ppb
Titanium	47-1	0.88	0.86	0.83	0.86	3.18	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.94	ppb
Vanadium	51-2	0.19	0.19	0.17	0.18	6.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.78	1.60	1.67	1.68	5.40	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	69.14	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LX5	Instrumnet Name :	P7
Client Sample ID :	S83-0012L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 15:08:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	68.70	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:11:44	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8649.84	8700.44	8767.75	8706.01	0.68	ppb
Antimony	121-1	450.52	450.59	450.09	450.40	0.06	ppb
Arsenic	75-2	490.26	491.19	486.12	489.19	0.55	ppb
Barium	135-1	2260.69	2282.32	2282.38	2275.13	0.55	ppb
Barium	137-1	2283.16	2253.67	2286.61	2274.48	0.80	ppb
Beryllium	9-1	458.81	461.19	462.89	460.96	0.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	938.21	952.55	956.51	949.09	1.01	ppb
Boron	11-1	914.98	927.98	945.19	929.38	1.63	ppb
Cadmium	111-1	440.38	437.48	442.91	440.26	0.62	ppb
Cadmium	106-1	438.59	436.25	439.12	437.99	0.35	ppb
Cadmium	108-1	442.09	443.44	447.27	444.27	0.60	ppb
Calcium	43-1	49545.92	49382.70	48365.82	49098.15	1.30	ppb
Calcium	44-1	51189.29	51326.07	51001.39	51172.25	0.32	ppb
Chromium	52-2	495.27	491.48	493.71	493.49	0.39	ppb
Cobalt	59-2	499.11	497.57	502.55	499.74	0.51	ppb
Copper	63-2	1043.57	1039.99	1044.21	1042.59	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26017.49	25936.50	25972.99	25975.66	0.16	ppb
Iron	57-2	25097.13	24997.32	25186.37	25093.61	0.38	ppb
Lead	206-1	465.01	467.06	466.11	466.06	0.22	ppb
Lead	207-1	430.73	433.31	435.00	433.01	0.50	ppb
Lead	208-1	458.90	462.19	465.21	462.10	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	47844.60	47756.95	47521.57	47707.71	0.35	ppb
Manganese	55-2	1054.60	1055.45	1059.97	1056.68	0.27	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:11:44	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	599.76	597.13	597.51	598.13	0.24	ppb
Molybdenum	95-1	963.43	938.09	943.10	948.20	1.42	ppb
Molybdenum	96-1	869.74	867.16	862.05	866.32	0.45	ppb
Molybdenum	97-1	939.62	929.42	929.94	932.99	0.62	ppb
Molybdenum	98-1	946.90	939.13	945.01	943.68	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.17	512.38	514.16	512.91	0.21	ppb
Phosphorus	31-2	73.30	70.21	70.85	71.45	2.28	ppb
Potassium	39-2	25279.18	25246.47	25436.35	25320.67	0.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	457.72	466.43	463.35	462.50	0.96	ppb
Selenium	78-2	450.50	465.28	456.89	457.56	1.62	ppb
Selenium	82-1	464.09	462.16	463.86	463.37	0.23	ppb
Silicon	28-1	3441.08	3436.93	3421.70	3433.24	0.30	ppb
Silver	109-1	194.37	194.70	196.18	195.08	0.49	ppb
Silver	107-1	194.67	194.55	195.97	195.06	0.40	ppb
Sodium	23-2	51187.64	51347.50	51482.20	51339.11	0.29	ppb
Strontium	86-1	495.84	494.94	494.17	494.98	0.17	ppb
Strontium	88-1	505.54	501.73	502.60	503.29	0.40	ppb
Sulfur	34-1	906.97	853.32	739.56	833.28	10.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	457.41	455.30	462.57	458.43	0.82	ppb
Thallium	205-1	461.70	461.36	462.88	461.98	0.17	ppb
Tin	118-1	888.34	877.68	881.09	882.37	0.62	ppb
Titanium	47-1	914.40	910.42	903.55	909.45	0.60	ppb
Uranium	238-1	447.56	457.56	456.07	453.73	1.19	ppb
Vanadium	51-2	476.42	476.06	478.74	477.07	0.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	999.64	1002.24	1003.50	1001.79	0.20	ppb
Zirconium	90-1	445.11	444.22	446.91	445.41	0.31	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:11:44	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	429.26	428.79	429.41	429.15	0.08	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:15:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8700.54	8780.88	8797.66	8759.69	0.59	ppb
Antimony	121-1	455.92	457.38	455.73	456.35	0.20	ppb
Arsenic	75-2	488.63	487.99	489.99	488.87	0.21	ppb
Barium	135-1	2312.15	2307.73	2260.14	2293.34	1.26	ppb
Barium	137-1	2311.15	2284.06	2243.63	2279.61	1.49	ppb
Beryllium	9-1	469.25	468.17	464.48	467.30	0.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	978.92	977.22	972.61	976.25	0.33	ppb
Boron	11-1	951.46	970.24	963.89	961.86	0.99	ppb
Cadmium	111-1	450.02	446.23	441.62	445.96	0.94	ppb
Cadmium	106-1	437.24	435.49	436.79	436.51	0.21	ppb
Cadmium	108-1	453.25	446.74	445.31	448.43	0.94	ppb
Calcium	43-1	49440.17	49714.46	50054.32	49736.32	0.62	ppb
Calcium	44-1	51409.61	51848.49	52205.36	51821.15	0.77	ppb
Chromium	52-2	496.65	497.36	499.69	497.90	0.32	ppb
Cobalt	59-2	502.71	502.07	505.27	503.35	0.34	ppb
Copper	63-2	1046.40	1043.19	1054.13	1047.90	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26078.69	26226.33	26347.15	26217.39	0.51	ppb
Iron	57-2	25243.58	25293.55	25440.73	25325.95	0.40	ppb
Lead	206-1	502.31	502.02	505.60	503.31	0.40	ppb
Lead	207-1	434.29	438.21	439.72	437.41	0.64	ppb
Lead	208-1	476.13	472.65	478.54	475.78	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	49020.77	48706.58	49094.31	48940.56	0.42	ppb
Manganese	55-2	1060.10	1064.03	1066.33	1063.49	0.30	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:15:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	600.57	605.53	610.03	605.38	0.78	ppb
Molybdenum	95-1	955.00	953.29	953.33	953.87	0.10	ppb
Molybdenum	96-1	866.20	864.56	874.50	868.42	0.61	ppb
Molybdenum	97-1	938.11	938.63	948.01	941.58	0.59	ppb
Molybdenum	98-1	956.55	957.66	960.08	958.10	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.44	515.28	520.58	516.77	0.64	ppb
Phosphorus	31-2	94.01	84.99	72.98	83.99	12.56	ppb
Potassium	39-2	25304.36	25494.58	25546.89	25448.61	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	457.35	476.75	467.31	467.14	2.08	ppb
Selenium	78-2	462.88	457.73	465.88	462.16	0.89	ppb
Selenium	82-1	469.51	467.45	469.32	468.76	0.24	ppb
Silicon	28-1	3339.68	3367.62	3394.79	3367.37	0.82	ppb
Silver	109-1	198.11	196.39	195.01	196.50	0.79	ppb
Silver	107-1	198.11	196.69	195.44	196.74	0.68	ppb
Sodium	23-2	52074.83	51464.09	52096.88	51878.60	0.69	ppb
Strontium	86-1	503.92	501.67	497.45	501.02	0.66	ppb
Strontium	88-1	507.96	507.89	505.23	507.02	0.31	ppb
Sulfur	34-1	627.37	662.45	567.52	619.11	7.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	465.03	466.99	468.82	466.95	0.41	ppb
Thallium	205-1	465.57	471.95	472.99	470.17	0.86	ppb
Tin	118-1	901.89	894.68	880.84	892.47	1.20	ppb
Titanium	47-1	910.08	917.92	918.78	915.59	0.52	ppb
Uranium	238-1	459.21	458.90	464.34	460.81	0.66	ppb
Vanadium	51-2	481.72	481.73	485.70	483.05	0.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1006.92	1003.65	1010.99	1007.19	0.36	ppb
Zirconium	90-1	450.14	452.68	456.02	452.95	0.65	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:15:09	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	433.08	432.85	435.81	433.92	0.38	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:18:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9136.20	9176.64	9207.72	9173.52	0.39	ppb
Antimony	121-1	482.04	474.21	473.44	476.56	1.00	ppb
Arsenic	75-2	519.01	512.88	514.83	515.57	0.61	ppb
Barium	135-1	2421.82	2386.06	2398.48	2402.12	0.76	ppb
Barium	137-1	2408.39	2379.72	2410.46	2399.52	0.72	ppb
Beryllium	9-1	491.14	488.15	490.65	489.98	0.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1026.78	1033.42	1034.50	1031.57	0.41	ppb
Boron	11-1	1004.99	1014.48	1014.15	1011.21	0.53	ppb
Cadmium	111-1	469.24	458.59	466.26	464.70	1.18	ppb
Cadmium	106-1	461.72	458.03	454.04	457.93	0.84	ppb
Cadmium	108-1	468.26	459.15	470.65	466.02	1.30	ppb
Calcium	43-1	52293.50	52071.53	52088.14	52151.06	0.24	ppb
Calcium	44-1	54468.63	53699.55	53961.65	54043.28	0.72	ppb
Chromium	52-2	524.98	525.16	527.74	525.96	0.29	ppb
Cobalt	59-2	528.47	530.74	528.92	529.38	0.23	ppb
Copper	63-2	1103.59	1102.63	1108.07	1104.76	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27745.61	27696.32	27863.32	27768.42	0.31	ppb
Iron	57-2	26595.49	26746.98	26628.19	26656.89	0.30	ppb
Lead	206-1	527.03	518.05	522.22	522.44	0.86	ppb
Lead	207-1	460.65	458.43	457.26	458.78	0.37	ppb
Lead	208-1	501.52	495.15	495.95	497.54	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	50911.22	50654.02	51016.05	50860.43	0.37	ppb
Manganese	55-2	1118.20	1124.31	1127.45	1123.32	0.42	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:18:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	632.02	634.40	633.72	633.38	0.19	ppb
Molybdenum	95-1	991.02	1000.99	995.51	995.84	0.50	ppb
Molybdenum	96-1	912.43	911.21	919.27	914.30	0.48	ppb
Molybdenum	97-1	987.31	990.84	985.52	987.89	0.27	ppb
Molybdenum	98-1	1002.91	1006.95	1008.35	1006.07	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	545.59	544.43	546.83	545.62	0.22	ppb
Phosphorus	31-2	62.75	90.12	83.95	78.94	18.19	ppb
Potassium	39-2	26804.88	26606.78	26941.40	26784.35	0.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	524.74	470.10	472.24	489.03	6.33	ppb
Selenium	78-2	487.58	481.61	483.18	484.12	0.64	ppb
Selenium	82-1	485.71	487.50	489.50	487.57	0.39	ppb
Silicon	28-1	3591.29	3530.87	3549.60	3557.25	0.87	ppb
Silver	109-1	207.00	203.80	205.96	205.59	0.80	ppb
Silver	107-1	207.12	203.17	205.62	205.30	0.97	ppb
Sodium	23-2	54404.17	54252.44	54104.07	54253.56	0.28	ppb
Strontium	86-1	530.18	524.87	522.48	525.84	0.75	ppb
Strontium	88-1	532.15	532.11	533.02	532.43	0.10	ppb
Sulfur	34-1	625.12	584.18	526.09	578.46	8.60	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	492.52	487.79	487.38	489.23	0.58	ppb
Thallium	205-1	493.35	494.60	491.06	493.00	0.36	ppb
Tin	118-1	946.62	922.20	933.06	933.96	1.31	ppb
Titanium	47-1	960.99	958.35	953.35	957.56	0.40	ppb
Uranium	238-1	482.84	483.04	483.07	482.99	0.03	ppb
Vanadium	51-2	507.53	506.66	508.59	507.60	0.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1058.35	1055.60	1056.60	1056.85	0.13	ppb
Zirconium	90-1	474.02	474.78	468.69	472.50	0.70	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:18:34	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	452.61	454.82	453.66	453.70	0.24	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:21:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.00	11.10	9.64	10.58	7.71	ppb
Antimony	121-1	0.10	0.11	0.16	0.12	23.61	ppb
Arsenic	75-2	1.33	1.34	1.41	1.36	3.23	ppb
Barium	135-1	3.47	3.22	3.44	3.38	4.02	ppb
Barium	137-1	3.41	3.52	3.47	3.47	1.66	ppb
Beryllium	9-1	0.20	0.18	0.12	0.17	23.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	41.39	38.51	36.46	38.79	6.39	ppb
Boron	11-1	40.04	38.09	36.68	38.27	4.42	ppb
Cadmium	111-1	0.06	0.04	0.05	0.05	19.43	ppb
Cadmium	106-1	-2.08	-2.53	-1.89	-2.17		ppb
Cadmium	108-1	0.08	0.02	0.07	0.06	62.73	ppb
Calcium	43-1	9059.91	9067.41	9091.84	9073.05	0.18	ppb
Calcium	44-1	9533.32	9570.31	9527.88	9543.84	0.24	ppb
Chromium	52-2	0.30	0.30	0.30	0.30	0.35	ppb
Cobalt	59-2	0.05	0.04	0.03	0.04	21.14	ppb
Copper	63-2	11.85	11.78	11.91	11.84	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6.43	6.48	6.53	6.48	0.76	ppb
Iron	57-2	7.14	8.30	7.83	7.76	7.52	ppb
Lead	206-1	0.10	0.11	0.12	0.11	6.51	ppb
Lead	207-1	0.10	0.08	0.08	0.09	13.01	ppb
Lead	208-1	0.10	0.09	0.10	0.10	5.21	ppb
Lithium	6-1						%
Magnesium	24-2	347.78	350.63	350.85	349.76	0.49	ppb
Manganese	55-2	26.71	26.83	25.93	26.49	1.84	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:21:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.25	0.28	0.24	20.07	ppb
Molybdenum	95-1	0.51	0.61	0.73	0.62	17.86	ppb
Molybdenum	96-1	0.44	0.48	0.63	0.52	19.39	ppb
Molybdenum	97-1	0.49	0.63	0.81	0.64	24.65	ppb
Molybdenum	98-1	0.54	0.59	0.73	0.62	15.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.36	0.41	0.37	8.47	ppb
Phosphorus	31-2	-2.28	-2.17	1.84	-0.87		ppb
Potassium	39-2	4182.60	4222.75	4224.48	4209.95	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.30	2.55	1.44	2.43	38.50	ppb
Selenium	78-2	0.08	1.04	0.80	0.64	78.22	ppb
Selenium	82-1	0.73	0.63	1.85	1.07	62.95	ppb
Silicon	28-1	2194.52	2205.57	2193.48	2197.86	0.30	ppb
Silver	109-1	0.24	0.22	0.23	0.23	5.11	ppb
Silver	107-1	0.24	0.22	0.23	0.23	3.89	ppb
Sodium	23-2	4824.65	4835.10	4821.26	4827.00	0.15	ppb
Strontium	86-1	45.41	44.72	45.16	45.10	0.77	ppb
Strontium	88-1	44.82	44.88	44.62	44.78	0.31	ppb
Sulfur	34-1	5001.44	4946.89	4739.50	4895.94	2.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.11	0.12	10.34	ppb
Thallium	205-1	0.13	0.12	0.13	0.13	6.28	ppb
Tin	118-1	3.52	3.44	3.36	3.44	2.36	ppb
Titanium	47-1	0.45	0.45	0.45	0.45	0.90	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.96	ppb
Vanadium	51-2	0.75	0.81	0.78	0.78	3.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.97	19.22	19.05	19.08	0.67	ppb
Zirconium	90-1	0.06	0.06	0.09	0.07	26.41	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:21:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.07	0.06	28.52	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:25:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.65	24.75	20.46	22.62	9.48	ppb
Antimony	121-1	0.12	0.16	0.14	0.14	15.98	ppb
Arsenic	75-2	21.38	21.64	21.92	21.65	1.24	ppb
Barium	135-1	3.36	3.43	3.35	3.38	1.27	ppb
Barium	137-1	3.56	3.45	3.50	3.50	1.68	ppb
Beryllium	9-1	0.13	0.15	0.11	0.13	14.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.84	23.15	22.23	22.74	2.07	ppb
Boron	11-1	22.19	22.28	21.13	21.87	2.92	ppb
Cadmium	111-1	0.01	0.03	0.04	0.03	54.82	ppb
Cadmium	106-1	-3.21	-2.16	-1.15	-2.17		ppb
Cadmium	108-1	0.09	0.03	-0.06	0.02	325.89	ppb
Calcium	43-1	5880.30	5785.58	5792.60	5819.49	0.91	ppb
Calcium	44-1	5999.96	5975.06	5914.69	5963.24	0.74	ppb
Chromium	52-2	0.51	0.54	0.49	0.51	4.62	ppb
Cobalt	59-2	1.10	1.11	1.07	1.09	1.67	ppb
Copper	63-2	11.74	11.71	11.90	11.78	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1597.70	1601.34	1602.16	1600.40	0.15	ppb
Iron	57-2	1584.07	1588.34	1610.24	1594.21	0.88	ppb
Lead	206-1	0.15	0.13	0.13	0.14	11.09	ppb
Lead	207-1	0.13	0.12	0.12	0.12	5.29	ppb
Lead	208-1	0.12	0.11	0.11	0.11	5.59	ppb
Lithium	6-1						%
Magnesium	24-2	339.35	343.54	336.29	339.73	1.07	ppb
Manganese	55-2	159.39	160.67	160.89	160.32	0.50	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:25:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.29	0.29	0.28	6.97	ppb
Molybdenum	95-1	0.72	0.79	0.76	0.76	5.03	ppb
Molybdenum	96-1	0.64	0.65	0.66	0.65	2.10	ppb
Molybdenum	97-1	0.72	0.76	0.81	0.76	5.98	ppb
Molybdenum	98-1	0.75	0.76	0.84	0.78	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.04	1.02	1.05	4.40	ppb
Phosphorus	31-2	67.82	68.98	82.53	73.11	11.19	ppb
Potassium	39-2	3439.04	3438.16	3430.45	3435.88	0.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.25	2.16	2.86	2.76	20.04	ppb
Selenium	78-2	0.28	-0.51	-0.46	-0.23		ppb
Selenium	82-1	0.38	0.45	0.06	0.30	69.30	ppb
Silicon	28-1	2268.55	2263.69	2256.71	2262.98	0.26	ppb
Silver	109-1	0.23	0.22	0.23	0.23	2.64	ppb
Silver	107-1	0.23	0.22	0.24	0.23	2.48	ppb
Sodium	23-2	3061.25	3064.04	3052.67	3059.32	0.19	ppb
Strontium	86-1	41.18	42.17	41.01	41.46	1.50	ppb
Strontium	88-1	40.60	41.59	40.65	40.94	1.36	ppb
Sulfur	34-1	868.29	700.84	560.52	709.88	21.71	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.10	0.07	0.09	13.93	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	3.16	ppb
Tin	118-1	2.28	2.30	2.15	2.24	3.57	ppb
Titanium	47-1	0.45	0.55	0.58	0.53	12.45	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	6.11	ppb
Vanadium	51-2	0.74	0.74	0.78	0.75	3.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.86	11.98	12.30	12.05	1.91	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	7.61	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:25:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.09	0.08	10.23	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:28:57	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9258.76	9374.30	9284.53	9305.86	0.65	ppb
Antimony	121-1	489.57	492.69	483.63	488.63	0.94	ppb
Arsenic	75-2	515.04	512.46	514.87	514.12	0.28	ppb
Barium	135-1	2480.19	2516.31	2486.08	2494.20	0.78	ppb
Barium	137-1	2476.50	2492.28	2495.21	2488.00	0.40	ppb
Beryllium	9-1	513.96	510.54	511.98	512.16	0.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	511.40	504.65	513.35	509.80	0.90	ppb
Boron	11-1	505.39	509.21	514.81	509.80	0.93	ppb
Cadmium	111-1	492.44	496.89	494.58	494.64	0.45	ppb
Cadmium	106-1	496.41	504.21	495.61	498.75	0.95	ppb
Cadmium	108-1	494.97	498.72	500.05	497.91	0.53	ppb
Calcium	43-1	46461.71	46961.35	46981.69	46801.58	0.63	ppb
Calcium	44-1	48110.31	48635.56	48746.06	48497.31	0.70	ppb
Chromium	52-2	523.02	520.98	526.24	523.41	0.51	ppb
Cobalt	59-2	526.47	528.29	530.84	528.53	0.41	ppb
Copper	63-2	1057.12	1056.10	1059.49	1057.57	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25970.70	26008.34	26025.41	26001.49	0.11	ppb
Iron	57-2	24936.46	24814.66	25028.42	24926.51	0.43	ppb
Lead	206-1	510.38	505.68	505.47	507.18	0.55	ppb
Lead	207-1	485.85	480.77	483.72	483.45	0.53	ppb
Lead	208-1	505.09	500.87	502.00	502.65	0.44	ppb
Lithium	6-1						%
Magnesium	24-2	50345.47	50486.41	50415.86	50415.91	0.14	ppb
Manganese	55-2	996.38	998.89	1003.13	999.47	0.34	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:28:57	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.31	504.73	500.64	501.89	0.49	ppb
Molybdenum	95-1	491.93	489.70	488.56	490.06	0.35	ppb
Molybdenum	96-1	484.00	479.87	479.34	481.07	0.53	ppb
Molybdenum	97-1	505.53	498.12	495.91	499.85	1.01	ppb
Molybdenum	98-1	512.46	507.25	502.36	507.36	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.58	534.03	539.43	535.35	0.67	ppb
Phosphorus	31-2	10003.25	9847.64	10088.75	9979.88	1.22	ppb
Potassium	39-2	24311.08	24402.41	24164.29	24292.59	0.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	521.14	504.69	517.28	514.37	1.67	ppb
Selenium	78-2	511.57	506.85	501.37	506.60	1.01	ppb
Selenium	82-1	510.35	506.57	502.21	506.38	0.80	ppb
Silicon	28-1	492.14	495.53	499.37	495.68	0.73	ppb
Silver	109-1	504.67	509.38	508.43	507.49	0.49	ppb
Silver	107-1	501.95	507.45	506.29	505.23	0.57	ppb
Sodium	23-2	50957.19	50981.85	50831.26	50923.43	0.16	ppb
Strontium	86-1	495.09	489.84	493.91	492.95	0.56	ppb
Strontium	88-1	504.24	498.67	499.17	500.70	0.62	ppb
Sulfur	34-1	10256.06	10079.92	10329.94	10221.98	1.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	509.83	505.18	502.16	505.72	0.76	ppb
Thallium	205-1	511.57	504.85	505.23	507.22	0.74	ppb
Tin	118-1	491.83	500.33	495.31	495.82	0.86	ppb
Titanium	47-1	498.67	498.22	504.08	500.32	0.65	ppb
Uranium	238-1	498.90	500.66	495.48	498.34	0.53	ppb
Vanadium	51-2	514.87	515.27	519.81	516.65	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1072.53	1066.54	1066.49	1068.52	0.32	ppb
Zirconium	90-1	502.51	507.42	501.50	503.81	0.63	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:28:57	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	480.71	482.47	480.61	481.26	0.22	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:37:40	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.28	0.21	0.24	15.22	ppb
Antimony	121-1	0.20	0.36	0.63	0.39	54.54	ppb
Arsenic	75-2	0.09	0.09	0.08	0.09	6.57	ppb
Barium	135-1	0.00	0.00	0.02	0.01	88.83	ppb
Barium	137-1	0.01	0.01	0.01	0.01	20.30	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	7.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.43	5.44	5.95	5.94	8.30	ppb
Boron	11-1	6.47	6.25	5.82	6.18	5.37	ppb
Cadmium	111-1	0.00	0.00	-0.01	0.00		ppb
Cadmium	106-1	-1.06	-2.00	-1.40	-1.49		ppb
Cadmium	108-1	-0.03	-0.04	-0.06	-0.04		ppb
Calcium	43-1	1.25	-1.73	0.50	0.01	24356.04	ppb
Calcium	44-1	-3.47	-2.61	-3.22	-3.10		ppb
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	1.45	1.34	1.36	1.38	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.22	0.23	0.18	0.21	13.70	ppb
Iron	57-2	-0.39	0.26	0.20	0.02	1658.92	ppb
Lead	206-1	0.10	0.10	0.10	0.10	4.17	ppb
Lead	207-1	0.09	0.08	0.10	0.09	8.09	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.18	ppb
Lithium	6-1						%
Magnesium	24-2	0.62	-0.02	0.24	0.28	113.94	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:37:40	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.05	0.03	59.37	ppb
Molybdenum	95-1	0.05	0.12	0.19	0.12	55.69	ppb
Molybdenum	96-1	0.03	0.08	0.13	0.08	59.77	ppb
Molybdenum	97-1	0.06	0.10	0.17	0.11	51.05	ppb
Molybdenum	98-1	0.07	0.10	0.18	0.12	52.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-7.69	-7.83	-7.92	-7.81		ppb
Potassium	39-2	13.98	8.00	13.18	11.72	27.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.32	0.11	173.21	ppb
Selenium	78-2	-0.04	0.14	-0.34	-0.08		ppb
Selenium	82-1	1.12	-0.15	0.62	0.53	120.85	ppb
Silicon	28-1	-6.26	-7.12	-5.77	-6.38		ppb
Silver	109-1	0.03	0.04	0.03	0.03	12.82	ppb
Silver	107-1	0.03	0.04	0.03	0.03	9.16	ppb
Sodium	23-2	17.77	19.51	19.21	18.83	4.93	ppb
Strontium	86-1	-0.06	0.02	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	53.02	ppb
Sulfur	34-1	276.79	269.65	208.95	251.80	14.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.01	39.10	ppb
Tin	118-1	0.04	0.06	0.09	0.06	35.62	ppb
Titanium	47-1	0.04	0.01	-0.01	0.01	235.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	49.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.15	0.07	0.08	0.10	45.87	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:37:40	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:41:08	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9291.64	9358.14	9395.46	9348.41	0.56	ppb
Antimony	121-1	497.90	502.02	507.66	502.53	0.97	ppb
Arsenic	75-2	537.71	537.80	535.12	536.88	0.28	ppb
Barium	135-1	2528.67	2517.90	2543.90	2530.16	0.52	ppb
Barium	137-1	2532.39	2506.20	2536.08	2524.89	0.65	ppb
Beryllium	9-1	488.41	494.27	496.16	492.95	0.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	996.31	1030.19	1019.37	1015.29	1.70	ppb
Boron	11-1	990.53	1005.98	1020.09	1005.53	1.47	ppb
Cadmium	111-1	487.59	482.55	487.14	485.76	0.57	ppb
Cadmium	106-1	489.92	487.60	491.12	489.55	0.37	ppb
Cadmium	108-1	496.00	482.48	488.51	488.99	1.39	ppb
Calcium	43-1	55709.21	55880.97	55336.06	55642.08	0.50	ppb
Calcium	44-1	57759.49	58150.97	58032.90	57981.12	0.35	ppb
Chromium	52-2	546.97	552.59	547.24	548.94	0.58	ppb
Cobalt	59-2	549.96	551.81	552.59	551.45	0.25	ppb
Copper	63-2	1139.83	1146.75	1147.13	1144.57	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28623.93	28718.69	28715.72	28686.12	0.19	ppb
Iron	57-2	27489.17	27670.53	27643.74	27601.15	0.35	ppb
Lead	206-1	536.90	540.64	547.40	541.65	0.98	ppb
Lead	207-1	467.82	474.60	478.04	473.49	1.10	ppb
Lead	208-1	509.66	516.46	519.22	515.11	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	53441.88	54170.52	53647.90	53753.43	0.70	ppb
Manganese	55-2	1169.10	1178.58	1176.46	1174.71	0.42	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:41:08	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	660.47	668.64	663.58	664.23	0.62	ppb
Molybdenum	95-1	1055.24	1042.70	1035.56	1044.50	0.95	ppb
Molybdenum	96-1	959.54	954.18	950.39	954.70	0.48	ppb
Molybdenum	97-1	1028.85	1031.17	1030.76	1030.26	0.12	ppb
Molybdenum	98-1	1040.90	1056.27	1050.30	1049.16	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	565.37	566.77	567.94	566.70	0.23	ppb
Phosphorus	31-2	78.67	67.20	79.97	75.28	9.34	ppb
Potassium	39-2	27847.33	27831.33	27993.04	27890.57	0.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	520.29	506.39	501.00	509.23	1.95	ppb
Selenium	78-2	500.79	510.16	497.21	502.72	1.33	ppb
Selenium	82-1	505.15	516.73	508.69	510.19	1.16	ppb
Silicon	28-1	3231.92	3241.26	3212.63	3228.60	0.45	ppb
Silver	109-1	215.65	212.03	214.90	214.19	0.89	ppb
Silver	107-1	215.56	212.80	215.15	214.51	0.69	ppb
Sodium	23-2	55864.95	55901.73	56363.49	56043.39	0.50	ppb
Strontium	86-1	550.50	552.68	548.78	550.65	0.35	ppb
Strontium	88-1	557.48	561.89	553.79	557.72	0.73	ppb
Sulfur	34-1	1095.59	954.21	876.36	975.39	11.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.86	506.68	512.44	506.33	1.24	ppb
Thallium	205-1	499.60	504.72	510.81	505.04	1.11	ppb
Tin	118-1	965.96	972.94	979.13	972.68	0.68	ppb
Titanium	47-1	1005.05	1007.39	1002.57	1005.00	0.24	ppb
Uranium	238-1	494.41	500.81	502.23	499.15	0.83	ppb
Vanadium	51-2	524.68	526.44	526.79	525.97	0.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1096.76	1099.47	1094.95	1097.06	0.21	ppb
Zirconium	90-1	490.17	498.73	495.49	494.80	0.87	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:41:08	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	473.24	479.98	476.02	476.41	0.71	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:44:31	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9306.25	9293.19	9337.37	9312.27	0.24	ppb
Antimony	121-1	498.37	492.38	497.79	496.18	0.67	ppb
Arsenic	75-2	536.02	537.05	534.51	535.86	0.24	ppb
Barium	135-1	2515.56	2478.73	2514.95	2503.08	0.84	ppb
Barium	137-1	2506.81	2479.24	2524.91	2503.65	0.92	ppb
Beryllium	9-1	509.31	510.11	505.47	508.30	0.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1061.21	1092.83	1075.99	1076.67	1.47	ppb
Boron	11-1	1053.40	1058.90	1058.79	1057.03	0.30	ppb
Cadmium	111-1	479.94	479.64	480.82	480.13	0.13	ppb
Cadmium	106-1	471.24	476.23	479.41	475.62	0.87	ppb
Cadmium	108-1	490.88	480.82	483.00	484.90	1.09	ppb
Calcium	43-1	53228.70	54195.65	53826.93	53750.43	0.91	ppb
Calcium	44-1	55700.91	56199.53	55824.80	55908.41	0.46	ppb
Chromium	52-2	545.38	541.05	542.58	543.00	0.40	ppb
Cobalt	59-2	550.16	547.50	546.01	547.89	0.38	ppb
Copper	63-2	1141.10	1142.19	1140.09	1141.13	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28857.37	28494.62	28274.29	28542.09	1.03	ppb
Iron	57-2	27580.58	27501.31	27450.17	27510.69	0.24	ppb
Lead	206-1	542.36	540.35	538.51	540.41	0.36	ppb
Lead	207-1	473.91	473.39	471.96	473.08	0.21	ppb
Lead	208-1	515.60	514.31	513.03	514.32	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	53381.83	53365.85	53214.24	53320.64	0.17	ppb
Manganese	55-2	1171.19	1167.19	1162.36	1166.92	0.38	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:44:31	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	653.81	655.25	663.60	657.55	0.80	ppb
Molybdenum	95-1	1032.36	1043.07	1045.82	1040.42	0.68	ppb
Molybdenum	96-1	947.09	946.39	963.51	952.33	1.02	ppb
Molybdenum	97-1	1019.40	1026.47	1030.15	1025.34	0.53	ppb
Molybdenum	98-1	1029.92	1042.95	1047.48	1040.12	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.36	560.86	562.33	563.52	0.60	ppb
Phosphorus	31-2	75.25	85.56	70.41	77.07	10.04	ppb
Potassium	39-2	27694.86	27794.82	27934.03	27807.90	0.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	471.29	524.85	466.63	487.59	6.63	ppb
Selenium	78-2	509.24	495.27	500.14	501.55	1.41	ppb
Selenium	82-1	508.39	510.15	513.16	510.57	0.47	ppb
Silicon	28-1	3131.23	3114.96	3121.20	3122.46	0.26	ppb
Silver	109-1	212.46	212.88	213.76	213.03	0.31	ppb
Silver	107-1	212.30	212.54	213.69	212.84	0.35	ppb
Sodium	23-2	56356.76	56392.61	56124.23	56291.20	0.26	ppb
Strontium	86-1	542.86	544.33	549.01	545.40	0.59	ppb
Strontium	88-1	549.64	554.50	561.70	555.28	1.09	ppb
Sulfur	34-1	643.99	661.08	572.99	626.02	7.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.58	511.32	510.36	509.42	0.49	ppb
Thallium	205-1	509.65	510.79	509.79	510.08	0.12	ppb
Tin	118-1	975.97	963.14	973.99	971.03	0.71	ppb
Titanium	47-1	982.94	994.89	990.24	989.36	0.61	ppb
Uranium	238-1	498.80	498.64	498.69	498.71	0.02	ppb
Vanadium	51-2	528.26	523.05	524.23	525.18	0.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1089.85	1092.88	1088.95	1090.56	0.19	ppb
Zirconium	90-1	490.75	489.37	497.29	492.47	0.86	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:44:31	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	470.11	474.10	480.81	475.01	1.14	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:47:55	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9519.69	9500.18	9491.28	9503.72	0.15	ppb
Antimony	121-1	514.28	505.73	501.87	507.29	1.25	ppb
Arsenic	75-2	548.88	546.16	545.78	546.94	0.31	ppb
Barium	135-1	2610.37	2589.65	2523.44	2574.49	1.76	ppb
Barium	137-1	2606.95	2580.92	2531.22	2573.03	1.50	ppb
Beryllium	9-1	526.79	529.04	528.78	528.20	0.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1128.78	1122.19	1164.51	1138.49	2.00	ppb
Boron	11-1	1107.86	1109.75	1123.93	1113.85	0.79	ppb
Cadmium	111-1	495.62	491.06	488.20	491.63	0.76	ppb
Cadmium	106-1	489.87	493.52	478.81	487.40	1.57	ppb
Cadmium	108-1	497.83	493.00	485.26	492.03	1.29	ppb
Calcium	43-1	57155.34	56788.87	56946.50	56963.57	0.32	ppb
Calcium	44-1	59034.59	58832.62	59147.40	59004.87	0.27	ppb
Chromium	52-2	560.87	560.18	562.41	561.16	0.20	ppb
Cobalt	59-2	559.96	558.97	564.11	561.01	0.49	ppb
Copper	63-2	1162.52	1162.21	1168.41	1164.38	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29287.85	29165.50	29166.35	29206.56	0.24	ppb
Iron	57-2	28014.09	27970.66	28259.15	28081.30	0.55	ppb
Lead	206-1	553.70	550.80	564.66	556.39	1.31	ppb
Lead	207-1	484.36	486.06	492.58	487.67	0.89	ppb
Lead	208-1	525.69	525.92	536.58	529.40	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	54335.16	54633.73	54681.10	54550.00	0.34	ppb
Manganese	55-2	1193.64	1196.35	1201.02	1197.00	0.31	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:47:55	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	671.50	675.00	666.93	671.14	0.60	ppb
Molybdenum	95-1	1054.07	1067.52	1050.61	1057.40	0.85	ppb
Molybdenum	96-1	975.20	984.15	964.78	974.71	0.99	ppb
Molybdenum	97-1	1047.23	1052.26	1037.55	1045.68	0.72	ppb
Molybdenum	98-1	1056.55	1065.09	1060.74	1060.79	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.58	576.51	578.99	578.03	0.23	ppb
Phosphorus	31-2	53.46	69.37	102.72	75.18	33.43	ppb
Potassium	39-2	28741.10	28529.85	28169.98	28480.31	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	504.91	530.74	505.44	513.70	2.87	ppb
Selenium	78-2	513.59	509.16	513.93	512.23	0.52	ppb
Selenium	82-1	509.75	519.69	515.84	515.09	0.97	ppb
Silicon	28-1	3239.71	3218.96	3241.09	3233.25	0.38	ppb
Silver	109-1	219.96	217.71	216.18	217.95	0.87	ppb
Silver	107-1	219.82	217.99	216.30	218.03	0.81	ppb
Sodium	23-2	57576.43	56886.69	56976.73	57146.62	0.66	ppb
Strontium	86-1	555.90	561.59	552.34	556.61	0.84	ppb
Strontium	88-1	567.29	572.37	563.48	567.71	0.79	ppb
Sulfur	34-1	775.53	436.10	495.15	568.93	31.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	516.83	518.44	528.05	521.11	1.16	ppb
Thallium	205-1	517.62	519.09	523.25	519.99	0.56	ppb
Tin	118-1	987.60	986.92	985.90	986.81	0.09	ppb
Titanium	47-1	1029.81	1028.91	1031.63	1030.12	0.13	ppb
Uranium	238-1	514.50	508.48	519.18	514.05	1.04	ppb
Vanadium	51-2	537.76	538.11	539.67	538.51	0.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1113.04	1109.89	1118.88	1113.94	0.41	ppb
Zirconium	90-1	503.82	503.77	509.00	505.53	0.59	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:47:55	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.00	487.01	481.01	484.34	0.63	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:51:18	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.86	3.47	3.31	3.21	9.78	ppb
Antimony	121-1	0.11	0.13	0.15	0.13	14.45	ppb
Arsenic	75-2	1.35	1.39	1.37	1.37	1.54	ppb
Barium	135-1	3.48	3.46	3.28	3.41	3.24	ppb
Barium	137-1	3.48	3.48	3.39	3.45	1.58	ppb
Beryllium	9-1	0.20	0.15	0.18	0.18	12.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	35.94	32.91	33.88	34.25	4.52	ppb
Boron	11-1	35.45	34.33	31.89	33.89	5.38	ppb
Cadmium	111-1	0.06	0.01	0.03	0.03	85.78	ppb
Cadmium	106-1	-1.83	-2.98	-2.37	-2.40		ppb
Cadmium	108-1	0.12	0.03	0.06	0.07	64.74	ppb
Calcium	43-1	9308.15	9313.56	9258.71	9293.47	0.33	ppb
Calcium	44-1	9731.10	9739.86	9618.17	9696.38	0.70	ppb
Chromium	52-2	0.30	0.31	0.29	0.30	2.25	ppb
Cobalt	59-2	0.06	0.05	0.05	0.06	5.55	ppb
Copper	63-2	10.00	9.96	10.01	9.99	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.80	4.57	4.87	4.75	3.37	ppb
Iron	57-2	5.56	5.94	5.02	5.50	8.47	ppb
Lead	206-1	0.12	0.11	0.09	0.11	12.29	ppb
Lead	207-1	0.11	0.08	0.08	0.09	16.71	ppb
Lead	208-1	0.11	0.10	0.08	0.10	13.56	ppb
Lithium	6-1						%
Magnesium	24-2	356.55	362.46	356.91	358.64	0.92	ppb
Manganese	55-2	27.89	28.14	28.10	28.04	0.47	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:51:18	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.23	0.27	0.23	17.61	ppb
Molybdenum	95-1	0.51	0.60	0.76	0.62	20.38	ppb
Molybdenum	96-1	0.43	0.52	0.61	0.52	16.80	ppb
Molybdenum	97-1	0.56	0.61	0.75	0.64	15.39	ppb
Molybdenum	98-1	0.51	0.65	0.73	0.63	17.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.36	0.39	0.40	11.61	ppb
Phosphorus	31-2	-4.27	29.50	15.38	13.54	125.30	ppb
Potassium	39-2	4231.27	4213.02	4212.69	4218.99	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.43	1.79	1.80	1.67	12.43	ppb
Selenium	78-2	1.03	0.18	0.75	0.65	65.91	ppb
Selenium	82-1	-0.11	1.33	1.62	0.95	98.08	ppb
Silicon	28-1	2113.41	2125.07	2102.66	2113.72	0.53	ppb
Silver	109-1	0.27	0.25	0.27	0.26	3.72	ppb
Silver	107-1	0.27	0.26	0.27	0.27	2.73	ppb
Sodium	23-2	4721.16	4743.57	4734.04	4732.92	0.24	ppb
Strontium	86-1	46.04	46.18	46.58	46.27	0.60	ppb
Strontium	88-1	45.82	46.06	46.09	45.99	0.32	ppb
Sulfur	34-1	4433.59	4539.72	4388.54	4453.95	1.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.18	0.19	0.19	4.27	ppb
Thallium	205-1	0.22	0.21	0.20	0.21	3.96	ppb
Tin	118-1	4.25	4.14	4.13	4.17	1.63	ppb
Titanium	47-1	0.31	0.40	0.31	0.34	15.89	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	6.48	ppb
Vanadium	51-2	0.80	0.80	0.76	0.79	2.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.90	5.95	5.95	5.93	0.45	ppb
Zirconium	90-1	0.05	0.04	0.06	0.05	19.60	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:51:18	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.06	0.05	26.83	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:54:48	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.96	3.17	2.74	2.96	7.37	ppb
Antimony	121-1	0.11	0.14	0.11	0.12	13.15	ppb
Arsenic	75-2	1.13	1.00	1.10	1.08	6.34	ppb
Barium	135-1	3.25	3.20	3.24	3.23	0.79	ppb
Barium	137-1	3.34	3.30	3.29	3.31	0.71	ppb
Beryllium	9-1	0.12	0.10	0.12	0.11	10.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.21	22.50	23.39	23.37	3.66	ppb
Boron	11-1	23.40	22.37	22.23	22.67	2.82	ppb
Cadmium	111-1	0.00	-0.01	0.01	0.00	306.78	ppb
Cadmium	106-1	-2.57	-3.03	-2.91	-2.84		ppb
Cadmium	108-1	0.01	-0.01	-0.06	-0.02		ppb
Calcium	43-1	9166.64	9256.18	9107.51	9176.77	0.82	ppb
Calcium	44-1	9618.67	9619.08	9604.08	9613.95	0.09	ppb
Chromium	52-2	1.21	1.16	1.24	1.20	3.19	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	1.77	ppb
Copper	63-2	9.61	9.78	9.87	9.75	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.85	9.96	10.11	9.97	1.31	ppb
Iron	57-2	9.99	11.92	9.76	10.56	11.22	ppb
Lead	206-1	0.06	0.05	0.06	0.06	9.33	ppb
Lead	207-1	0.05	0.06	0.05	0.05	5.91	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.36	ppb
Lithium	6-1						%
Magnesium	24-2	348.70	352.18	354.63	351.84	0.85	ppb
Manganese	55-2	27.12	27.72	27.81	27.55	1.37	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:54:48	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.12	0.13	0.12	14.28	ppb
Molybdenum	95-1	0.27	0.29	0.32	0.29	9.57	ppb
Molybdenum	96-1	0.19	0.23	0.29	0.24	21.37	ppb
Molybdenum	97-1	0.24	0.28	0.39	0.30	25.26	ppb
Molybdenum	98-1	0.24	0.30	0.35	0.30	18.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.61	0.63	0.61	3.85	ppb
Phosphorus	31-2	-1.11	4.32	-2.58	0.21	1715.54	ppb
Potassium	39-2	4284.49	4293.62	4287.50	4288.54	0.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.56	2.54	2.17	2.42	9.11	ppb
Selenium	78-2	0.14	-0.31	0.28	0.03	897.13	ppb
Selenium	82-1	0.28	1.76	1.22	1.09	68.65	ppb
Silicon	28-1	2222.92	2215.13	2181.32	2206.46	1.00	ppb
Silver	109-1	0.19	0.20	0.19	0.19	0.80	ppb
Silver	107-1	0.19	0.19	0.19	0.19	1.56	ppb
Sodium	23-2	4817.21	4824.20	4826.22	4822.54	0.10	ppb
Strontium	86-1	47.02	46.15	46.49	46.55	0.95	ppb
Strontium	88-1	46.28	45.60	45.49	45.79	0.94	ppb
Sulfur	34-1	4549.87	4318.79	4255.28	4374.65	3.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.04	0.04	12.09	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.69	ppb
Tin	118-1	2.61	2.72	2.64	2.66	2.20	ppb
Titanium	47-1	0.26	0.37	0.38	0.34	19.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.83	ppb
Vanadium	51-2	0.78	0.80	0.83	0.80	2.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.09	10.01	10.03	10.04	0.41	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	14.66	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:54:48	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.05	0.04	36.86	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:58:18	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.25	64.69	62.41	61.45	6.20	ppb
Antimony	121-1	0.11	0.13	0.16	0.13	22.65	ppb
Arsenic	75-2	96.91	95.87	95.64	96.14	0.70	ppb
Barium	135-1	14.03	14.48	14.34	14.28	1.61	ppb
Barium	137-1	14.56	14.73	14.88	14.72	1.11	ppb
Beryllium	9-1	0.06	0.13	0.09	0.09	37.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	30.65	30.00	29.46	30.04	1.98	ppb
Boron	11-1	30.87	28.82	28.77	29.49	4.06	ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-2.98	-2.16	-2.48	-2.54		ppb
Cadmium	108-1	-0.04	0.03	0.02	0.00	1881.82	ppb
Calcium	43-1	67007.15	66509.68	66085.67	66534.17	0.69	ppb
Calcium	44-1	70073.51	69363.96	68950.76	69462.75	0.82	ppb
Chromium	52-2	0.37	0.39	0.36	0.38	4.33	ppb
Cobalt	59-2	1.27	1.26	1.32	1.28	2.44	ppb
Copper	63-2	9.43	9.88	9.88	9.73	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15902.18	15970.51	16098.10	15990.26	0.62	ppb
Iron	57-2	15116.57	15241.04	15201.08	15186.23	0.42	ppb
Lead	206-1	10.68	10.83	11.00	10.84	1.49	ppb
Lead	207-1	10.12	10.06	10.21	10.13	0.72	ppb
Lead	208-1	10.49	10.55	10.68	10.57	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	6504.49	6557.57	6577.14	6546.40	0.57	ppb
Manganese	55-2	4453.62	4467.17	4426.42	4449.07	0.47	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:58:18	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.42	0.44	0.44	0.43	3.21	ppb
Molybdenum	95-1	1.26	1.28	1.33	1.29	2.80	ppb
Molybdenum	96-1	1.12	1.02	1.09	1.08	4.61	ppb
Molybdenum	97-1	1.15	1.24	1.40	1.26	10.08	ppb
Molybdenum	98-1	1.24	1.27	1.33	1.28	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.14	1.14	1.10	6.74	ppb
Phosphorus	31-2	313.18	328.73	315.29	319.07	2.64	ppb
Potassium	39-2	8567.98	8585.23	8600.44	8584.55	0.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.77	2.49	0.35	1.54	70.59	ppb
Selenium	78-2	-0.66	0.11	0.04	-0.17		ppb
Selenium	82-1	0.07	0.69	2.08	0.95	108.74	ppb
Silicon	28-1	4154.07	4093.82	4107.44	4118.44	0.77	ppb
Silver	109-1	0.17	0.17	0.16	0.16	4.52	ppb
Silver	107-1	0.17	0.17	0.16	0.17	3.94	ppb
Sodium	23-2	6298.53	6383.72	6348.87	6343.71	0.68	ppb
Strontium	86-1	274.78	273.66	274.26	274.23	0.20	ppb
Strontium	88-1	278.71	282.23	277.51	279.48	0.88	ppb
Sulfur	34-1	22914.66	22903.96	22848.95	22889.19	0.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	18.32	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.08	ppb
Tin	118-1	1.75	1.88	1.93	1.85	4.90	ppb
Titanium	47-1	2.92	2.88	2.75	2.85	3.02	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	3.73	ppb
Vanadium	51-2	0.54	0.54	0.57	0.55	3.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.08	6.43	6.19	6.23	2.92	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	10.71	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:58:18	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.10	0.07	0.08	17.05	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03RE	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:01:47	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.63	18.97	5.67	9.09	95.61	ppb
Antimony	121-1	-0.37	-0.38	-0.39	-0.38		ppb
Arsenic	75-2	-0.05	-0.03	0.04	-0.01		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	-0.02	-0.03	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.60	0.77	0.34	0.90	70.93	ppb
Boron	11-1	1.81	1.00	0.65	1.15	51.82	ppb
Cadmium	111-1	-0.05	-0.05	-0.04	-0.05		ppb
Cadmium	106-1	-3.80	-4.04	-3.57	-3.80		ppb
Cadmium	108-1	-0.05	-0.07	-0.05	-0.06		ppb
Calcium	43-1	-4.12	-3.48	-4.32	-3.97		ppb
Calcium	44-1	-12.73	-13.83	-14.66	-13.74		ppb
Chromium	52-2	-0.24	-0.23	-0.21	-0.23		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.13	-0.15	0.16	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.14	4.24	1.29	1.89	111.75	ppb
Iron	57-2	0.33	3.18	1.49	1.67	85.75	ppb
Lead	206-1	-0.05	-0.07	-0.08	-0.07		ppb
Lead	207-1	-0.06	-0.08	-0.08	-0.07		ppb
Lead	208-1	-0.06	-0.08	-0.09	-0.08		ppb
Lithium	6-1						%
Magnesium	24-2	0.01	0.85	0.31	0.39	108.90	ppb
Manganese	55-2	0.02	0.04	0.08	0.05	69.85	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03RE	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:01:47	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	95-1	-0.01	-0.05	-0.04	-0.03		ppb
Molybdenum	96-1	-0.02	-0.05	-0.05	-0.04		ppb
Molybdenum	97-1	-0.03	-0.06	-0.06	-0.05		ppb
Molybdenum	98-1	-0.01	-0.04	-0.04	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.07	-0.05	-0.07		ppb
Phosphorus	31-2	-32.87	-25.42	-19.51	-25.93		ppb
Potassium	39-2	-86.08	-87.76	-72.08	-81.97		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.12	0.00	0.32	0.15	110.55	ppb
Selenium	78-2	-1.94	-1.68	-1.56	-1.73		ppb
Selenium	82-1	0.81	0.73	0.95	0.83	13.51	ppb
Silicon	28-1	-28.42	-53.93	-56.43	-46.26		ppb
Silver	109-1	0.02	0.01	0.00	0.01	93.07	ppb
Silver	107-1	0.02	0.01	0.00	0.01	88.59	ppb
Sodium	23-2	-11.77	-12.52	-7.19	-10.50		ppb
Strontium	86-1	-0.73	-0.90	-0.95	-0.86		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-6916.91	-7935.38	-8239.04	-7697.11		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.00	-0.05	-0.06	-0.04		ppb
Titanium	47-1	0.02	-0.03	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	54.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	-0.01	0.01	0.00		ppb
Zirconium	90-1	-0.04	-0.04	-0.04	-0.04		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03RE	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:01:47	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.04	-0.04	-0.03	-0.04		ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:05:15	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.81	2.46	2.87	2.38	22.38	ppb
Antimony	121-1	0.02	0.03	0.05	0.04	44.07	ppb
Arsenic	75-2	0.96	1.02	0.93	0.97	4.38	ppb
Barium	135-1	3.47	3.28	3.15	3.30	4.81	ppb
Barium	137-1	3.49	3.30	3.35	3.38	2.81	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	10.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.44	10.62	11.80	11.29	5.35	ppb
Boron	11-1	11.55	11.36	12.06	11.65	3.10	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	245.19	ppb
Cadmium	106-1	-2.89	-2.28	-3.12	-2.76		ppb
Cadmium	108-1	-0.07	-0.03	-0.07	-0.06		ppb
Calcium	43-1	9328.45	9387.78	9384.40	9366.87	0.36	ppb
Calcium	44-1	9750.19	9718.82	9730.62	9733.21	0.16	ppb
Chromium	52-2	0.29	0.35	0.31	0.32	9.08	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	5.32	ppb
Copper	63-2	10.38	10.15	10.17	10.23	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.78	3.99	3.93	3.90	2.86	ppb
Iron	57-2	6.00	5.15	4.80	5.32	11.61	ppb
Lead	206-1	0.06	0.04	0.05	0.05	26.22	ppb
Lead	207-1	0.05	0.02	0.04	0.04	34.31	ppb
Lead	208-1	0.05	0.03	0.04	0.04	28.28	ppb
Lithium	6-1						%
Magnesium	24-2	355.03	355.91	353.16	354.70	0.40	ppb
Manganese	55-2	28.14	27.84	27.87	27.95	0.59	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:05:15	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.07	0.06	26.05	ppb
Molybdenum	95-1	0.17	0.15	0.20	0.18	15.34	ppb
Molybdenum	96-1	0.11	0.12	0.15	0.13	16.35	ppb
Molybdenum	97-1	0.16	0.20	0.16	0.17	12.20	ppb
Molybdenum	98-1	0.18	0.16	0.20	0.18	12.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.40	0.33	0.37	9.40	ppb
Phosphorus	31-2	-0.49	28.67	16.71	14.96	97.97	ppb
Potassium	39-2	4271.19	4227.69	4251.80	4250.22	0.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.46	2.55	0.74	1.58	57.73	ppb
Selenium	78-2	-0.30	-0.36	-0.22	-0.29		ppb
Selenium	82-1	0.93	0.73	1.35	1.00	31.62	ppb
Silicon	28-1	2147.99	2145.86	2136.78	2143.55	0.28	ppb
Silver	109-1	0.22	0.22	0.20	0.22	4.89	ppb
Silver	107-1	0.22	0.23	0.21	0.22	5.19	ppb
Sodium	23-2	4777.41	4745.15	4747.23	4756.60	0.38	ppb
Strontium	86-1	46.60	46.23	46.83	46.55	0.66	ppb
Strontium	88-1	46.15	45.83	46.27	46.08	0.49	ppb
Sulfur	34-1	5010.97	4800.97	4889.50	4900.48	2.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	145.48	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.33	ppb
Tin	118-1	1.97	1.93	1.95	1.95	0.84	ppb
Titanium	47-1	0.37	0.28	0.32	0.33	13.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.54	ppb
Vanadium	51-2	0.70	0.79	0.77	0.75	5.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.41	4.30	4.16	4.29	2.94	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:05:15	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:08:45	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.44	4.17	4.44	5.02	24.68	ppb
Antimony	121-1	0.11	0.14	0.14	0.13	14.76	ppb
Arsenic	75-2	91.83	91.03	90.48	91.11	0.74	ppb
Barium	135-1	14.50	14.68	14.69	14.63	0.76	ppb
Barium	137-1	14.70	14.97	14.82	14.83	0.92	ppb
Beryllium	9-1	0.07	0.05	0.10	0.08	29.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.72	20.93	23.00	21.88	4.78	ppb
Boron	11-1	21.92	22.35	22.78	22.35	1.92	ppb
Cadmium	111-1	-0.01	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-2.21	-2.66	-2.98	-2.62		ppb
Cadmium	108-1	-0.06	-0.04	-0.01	-0.04		ppb
Calcium	43-1	74769.86	74124.50	73808.93	74234.43	0.66	ppb
Calcium	44-1	77992.36	77297.00	76795.60	77361.65	0.78	ppb
Chromium	52-2	2.49	2.54	2.50	2.51	1.06	ppb
Cobalt	59-2	0.94	0.97	0.98	0.96	2.02	ppb
Copper	63-2	9.23	9.37	9.24	9.28	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15844.56	15822.79	15909.06	15858.80	0.28	ppb
Iron	57-2	15128.17	15195.38	15255.79	15193.11	0.42	ppb
Lead	206-1	7.97	7.95	8.01	7.98	0.40	ppb
Lead	207-1	7.34	7.36	7.39	7.36	0.33	ppb
Lead	208-1	7.67	7.70	7.73	7.70	0.41	ppb
Lithium	6-1						%
Magnesium	24-2	7340.03	7357.89	7370.44	7356.12	0.21	ppb
Manganese	55-2	4940.85	4984.36	5021.54	4982.25	0.81	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:08:45	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.40	0.44	0.45	0.43	6.64	ppb
Molybdenum	95-1	1.41	1.35	1.41	1.39	2.73	ppb
Molybdenum	96-1	1.14	1.11	1.12	1.12	1.50	ppb
Molybdenum	97-1	1.22	1.24	1.30	1.25	3.17	ppb
Molybdenum	98-1	1.27	1.34	1.31	1.31	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.31	2.07	2.12	7.91	ppb
Phosphorus	31-2	232.11	212.37	223.11	222.53	4.44	ppb
Potassium	39-2	9578.38	9570.27	9533.09	9560.58	0.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.56	2.53	2.18	2.43	8.67	ppb
Selenium	78-2	-0.17	-0.68	-0.18	-0.34		ppb
Selenium	82-1	0.43	-0.21	0.79	0.34	149.74	ppb
Silicon	28-1	4525.18	4483.71	4430.93	4479.94	1.05	ppb
Silver	109-1	0.17	0.19	0.19	0.18	6.16	ppb
Silver	107-1	0.17	0.18	0.18	0.18	3.68	ppb
Sodium	23-2	7188.69	7142.38	7239.21	7190.10	0.67	ppb
Strontium	86-1	301.28	305.56	302.61	303.15	0.72	ppb
Strontium	88-1	310.13	311.80	311.39	311.11	0.28	ppb
Sulfur	34-1	26396.65	25976.58	25882.49	26085.24	1.05	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.65	1.66	1.67	1.66	0.53	ppb
Titanium	47-1	0.71	0.74	0.73	0.72	2.49	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.45	ppb
Vanadium	51-2	0.40	0.41	0.41	0.41	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.61	4.77	4.66	4.68	1.75	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	26.54	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:08:45	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.08	0.09	16.63	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:12:14	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.52	0.52	0.46	23.63	ppb
Antimony	121-1	-0.36	-0.36	-0.36	-0.36		ppb
Arsenic	75-2	0.13	0.13	0.09	0.12	19.55	ppb
Barium	135-1	0.10	0.08	0.09	0.09	13.96	ppb
Barium	137-1	0.07	0.10	0.08	0.08	19.63	ppb
Beryllium	9-1	0.02	0.02	0.05	0.03	45.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.24	8.03	7.20	7.82	6.99	ppb
Boron	11-1	8.21	8.06	7.97	8.08	1.47	ppb
Cadmium	111-1	-0.02	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-1.80	-1.57	-1.59	-1.65		ppb
Cadmium	108-1	-0.02	0.03	-0.07	-0.02		ppb
Calcium	43-1	34.61	30.97	30.01	31.86	7.62	ppb
Calcium	44-1	30.07	29.57	29.61	29.75	0.94	ppb
Chromium	52-2	0.03	0.02	0.02	0.02	27.68	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	1.95	1.89	1.88	1.91	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.79	1.73	1.76	1.76	1.80	ppb
Iron	57-2	1.42	1.79	2.00	1.73	17.02	ppb
Lead	206-1	0.05	0.05	0.05	0.05	4.01	ppb
Lead	207-1	0.04	0.04	0.04	0.04	11.28	ppb
Lead	208-1	0.04	0.05	0.04	0.04	4.13	ppb
Lithium	6-1						%
Magnesium	24-2	4.67	5.48	5.54	5.23	9.34	ppb
Manganese	55-2	0.53	0.50	0.42	0.48	11.89	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:12:14	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	-0.04	-0.04	-0.02	-0.03		ppb
Molybdenum	96-1	-0.05	-0.02	-0.02	-0.03		ppb
Molybdenum	97-1	-0.04	-0.04	-0.01	-0.03		ppb
Molybdenum	98-1	-0.04	-0.02	0.00	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.35	0.35	0.35	2.36	ppb
Phosphorus	31-2	-6.03	-21.17	-3.77	-10.32		ppb
Potassium	39-2	20.56	16.81	18.38	18.58	10.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.94	0.00	0.31	173.21	ppb
Selenium	78-2	-0.69	-0.15	0.10	-0.25		ppb
Selenium	82-1	0.15	-0.80	0.39	-0.09		ppb
Silicon	28-1	495.47	487.90	485.31	489.56	1.08	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.56	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.77	ppb
Sodium	23-2	45.66	45.33	46.50	45.83	1.31	ppb
Strontium	86-1	0.13	0.07	0.13	0.11	31.08	ppb
Strontium	88-1	0.18	0.20	0.19	0.19	3.94	ppb
Sulfur	34-1	-768.65	-636.14	-722.51	-709.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.03	0.05	0.03	0.04	33.96	ppb
Titanium	47-1	0.10	0.05	0.03	0.06	57.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.03	0.02	40.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.43	4.47	4.47	4.46	0.48	ppb
Zirconium	90-1	-0.03	-0.03	-0.04	-0.03		ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:12:14	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	-0.02	-0.03	-0.03		ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:15:42	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9469.29	9415.24	9336.74	9407.09	0.71	ppb
Antimony	121-1	499.42	492.75	495.63	495.93	0.67	ppb
Arsenic	75-2	513.03	514.17	513.26	513.48	0.12	ppb
Barium	135-1	2510.38	2464.04	2506.95	2493.79	1.04	ppb
Barium	137-1	2495.96	2471.82	2514.41	2494.06	0.86	ppb
Beryllium	9-1	514.65	518.50	508.55	513.90	0.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	493.90	513.56	502.04	503.17	1.96	ppb
Boron	11-1	498.34	505.17	505.03	502.84	0.78	ppb
Cadmium	111-1	502.23	496.63	496.66	498.51	0.65	ppb
Cadmium	106-1	511.11	499.01	503.89	504.67	1.21	ppb
Cadmium	108-1	505.70	498.47	500.84	501.67	0.73	ppb
Calcium	43-1	46344.40	46602.43	47021.70	46656.17	0.73	ppb
Calcium	44-1	48327.45	48511.16	48686.90	48508.50	0.37	ppb
Chromium	52-2	525.22	523.03	519.77	522.67	0.52	ppb
Cobalt	59-2	529.55	526.37	527.56	527.83	0.31	ppb
Copper	63-2	1061.53	1047.12	1052.23	1053.63	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26192.68	26059.73	25935.75	26062.72	0.49	ppb
Iron	57-2	25003.31	25036.17	24788.64	24942.71	0.54	ppb
Lead	206-1	503.43	511.71	502.71	505.95	0.99	ppb
Lead	207-1	475.31	480.36	474.25	476.64	0.69	ppb
Lead	208-1	497.01	504.38	493.78	498.39	1.09	ppb
Lithium	6-1						%
Magnesium	24-2	51118.85	50473.31	50736.77	50776.31	0.64	ppb
Manganese	55-2	1006.75	1004.10	1000.78	1003.88	0.30	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:15:42	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	511.74	509.67	504.08	508.50	0.78	ppb
Molybdenum	95-1	495.27	493.31	488.82	492.46	0.67	ppb
Molybdenum	96-1	485.25	479.93	480.02	481.73	0.63	ppb
Molybdenum	97-1	504.82	495.96	495.35	498.71	1.06	ppb
Molybdenum	98-1	513.28	507.65	506.20	509.04	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.37	535.47	534.51	537.45	0.80	ppb
Phosphorus	31-2	9814.71	9979.07	10049.90	9947.89	1.21	ppb
Potassium	39-2	24937.06	24638.71	24579.25	24718.34	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	522.35	522.76	510.77	518.63	1.31	ppb
Selenium	78-2	506.53	516.95	501.42	508.30	1.56	ppb
Selenium	82-1	521.13	505.50	507.65	511.43	1.66	ppb
Silicon	28-1	486.03	490.78	499.50	492.10	1.39	ppb
Silver	109-1	515.19	509.30	507.05	510.51	0.82	ppb
Silver	107-1	514.19	508.99	507.27	510.15	0.71	ppb
Sodium	23-2	52034.57	50984.82	51339.79	51453.06	1.04	ppb
Strontium	86-1	502.62	498.03	497.52	499.39	0.56	ppb
Strontium	88-1	507.61	505.67	506.91	506.73	0.19	ppb
Sulfur	34-1	10282.19	10318.03	10267.75	10289.32	0.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	498.36	499.11	502.15	499.87	0.40	ppb
Thallium	205-1	502.10	506.03	503.66	503.93	0.39	ppb
Tin	118-1	501.35	493.85	504.03	499.74	1.06	ppb
Titanium	47-1	497.68	499.13	500.59	499.14	0.29	ppb
Uranium	238-1	485.93	493.93	488.39	489.42	0.84	ppb
Vanadium	51-2	520.30	514.77	515.36	516.81	0.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1065.59	1058.25	1056.52	1060.12	0.45	ppb
Zirconium	90-1	507.79	503.40	502.43	504.54	0.57	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:15:42	DataFile Name :	063CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.53	484.22	481.68	484.48	0.61	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:19:41	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.34	0.46	0.30	63.49	ppb
Antimony	121-1	0.76	0.96	1.22	0.98	23.66	ppb
Arsenic	75-2	0.30	0.31	0.43	0.35	19.77	ppb
Barium	135-1	0.05	0.04	0.04	0.04	11.24	ppb
Barium	137-1	0.06	0.03	0.03	0.04	35.70	ppb
Beryllium	9-1	0.10	0.10	0.08	0.09	7.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.19	10.71	9.50	10.13	5.96	ppb
Boron	11-1	10.49	9.51	9.60	9.87	5.50	ppb
Cadmium	111-1	0.01	0.00	0.02	0.01	115.72	ppb
Cadmium	106-1	-1.34	-1.90	-0.81	-1.35		ppb
Cadmium	108-1	-0.07	0.00	-0.02	-0.03		ppb
Calcium	43-1	3.41	1.33	-0.22	1.51	121.17	ppb
Calcium	44-1	-2.34	-2.45	-2.32	-2.37		ppb
Chromium	52-2	0.03	0.01	-0.01	0.01	190.25	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	1.13	1.07	1.09	1.10	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.93	1.07	1.07	1.02	8.10	ppb
Iron	57-2	0.51	-0.33	1.15	0.44	168.60	ppb
Lead	206-1	0.15	0.15	0.14	0.15	3.15	ppb
Lead	207-1	0.13	0.14	0.12	0.13	6.17	ppb
Lead	208-1	0.14	0.13	0.14	0.14	2.66	ppb
Lithium	6-1						%
Magnesium	24-2	0.49	0.46	0.48	0.48	3.04	ppb
Manganese	55-2	0.08	0.03	0.04	0.05	58.34	ppb

Reviewed By:jaswal
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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:19:41	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.10	0.13	0.16	0.13	22.98	ppb
Molybdenum	95-1	0.33	0.37	0.49	0.40	20.72	ppb
Molybdenum	96-1	0.22	0.33	0.44	0.33	33.58	ppb
Molybdenum	97-1	0.30	0.36	0.56	0.41	34.08	ppb
Molybdenum	98-1	0.30	0.39	0.49	0.39	24.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-6.49	-7.74	0.39	-4.61		ppb
Potassium	39-2	12.84	13.21	11.80	12.62	5.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.32	0.63	0.00	0.32	99.69	ppb
Selenium	78-2	0.33	-0.38	-0.16	-0.07		ppb
Selenium	82-1	0.35	0.56	0.78	0.56	38.38	ppb
Silicon	28-1	-7.58	-8.10	-7.75	-7.81		ppb
Silver	109-1	0.06	0.05	0.05	0.05	7.22	ppb
Silver	107-1	0.05	0.05	0.05	0.05	5.21	ppb
Sodium	23-2	19.76	17.89	18.28	18.64	5.29	ppb
Strontium	86-1	0.03	0.05	0.02	0.04	38.48	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	47.56	ppb
Sulfur	34-1	-10.64	-158.34	-48.03	-72.34		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.03	19.94	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	24.04	ppb
Tin	118-1	0.17	0.22	0.27	0.22	23.05	ppb
Titanium	47-1	0.02	0.00	0.03	0.02	87.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.06	ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	49.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.13	0.16	0.18	0.16	15.24	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	56.43	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:19:41	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.02	33.40	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:23:09	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.18	7.58	7.20	7.65	6.45	ppb
Antimony	121-1	0.01	0.08	0.19	0.09	98.66	ppb
Arsenic	75-2	1.01	1.10	1.03	1.05	4.49	ppb
Barium	135-1	0.17	0.20	0.18	0.18	7.32	ppb
Barium	137-1	0.15	0.17	0.19	0.17	9.41	ppb
Beryllium	9-1	0.07	0.05	0.04	0.05	27.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.47	6.11	5.81	5.80	5.54	ppb
Boron	11-1	6.25	5.62	5.63	5.84	6.18	ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-1.99	-1.75	-1.51	-1.75		ppb
Cadmium	108-1	-0.07	-0.07	-0.06	-0.07		ppb
Calcium	43-1	269.34	265.47	263.14	265.98	1.18	ppb
Calcium	44-1	272.12	268.79	268.53	269.81	0.74	ppb
Chromium	52-2	-0.02	0.03	-0.02	0.00		ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	9.91	ppb
Copper	63-2	1.80	1.75	1.74	1.76	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	72.29	72.81	73.19	72.76	0.62	ppb
Iron	57-2	68.44	73.93	71.19	71.18	3.85	ppb
Lead	206-1	0.07	0.06	0.06	0.06	10.38	ppb
Lead	207-1	0.08	0.04	0.06	0.06	28.71	ppb
Lead	208-1	0.07	0.05	0.06	0.06	17.58	ppb
Lithium	6-1						%
Magnesium	24-2	16.27	15.82	17.46	16.52	5.13	ppb
Manganese	55-2	6.97	7.02	6.91	6.96	0.79	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:23:09	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.06	0.05	30.86	ppb
Molybdenum	95-1	0.08	0.13	0.14	0.12	27.90	ppb
Molybdenum	96-1	0.05	0.09	0.14	0.09	49.28	ppb
Molybdenum	97-1	0.11	0.10	0.16	0.12	25.19	ppb
Molybdenum	98-1	0.09	0.11	0.18	0.13	34.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.01	0.01	79.65	ppb
Phosphorus	31-2	1.62	-12.25	-6.26	-5.63		ppb
Potassium	39-2	172.43	173.60	175.93	173.99	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.64	0.00	0.32	0.32	100.12	ppb
Selenium	78-2	-0.76	0.45	0.14	-0.06		ppb
Selenium	82-1	0.05	1.25	1.24	0.85	81.95	ppb
Silicon	28-1	151.56	145.64	147.18	148.13	2.07	ppb
Silver	109-1	0.07	0.06	0.96	0.36	141.42	ppb
Silver	107-1	0.07	0.07	0.73	0.29	132.26	ppb
Sodium	23-2	154.77	153.83	155.41	154.67	0.52	ppb
Strontium	86-1	1.75	1.90	1.83	1.83	4.31	ppb
Strontium	88-1	1.85	1.86	1.87	1.86	0.47	ppb
Sulfur	34-1	124.43	97.90	159.75	127.36	24.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	612.19	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.90	ppb
Tin	118-1	0.08	0.11	0.10	0.10	16.87	ppb
Titanium	47-1	0.10	0.19	0.25	0.18	41.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	102.19	ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	4.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.66	0.62	0.69	0.65	5.32	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	76.96	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:23:09	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.00	0.00		ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:26:38	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.90	9.05	7.49	8.48	10.19	ppb
Antimony	121-1	-0.16	-0.11	-0.07	-0.11		ppb
Arsenic	75-2	0.83	1.12	0.85	0.94	17.31	ppb
Barium	135-1	0.18	0.19	0.20	0.19	4.97	ppb
Barium	137-1	0.19	0.18	0.21	0.20	6.89	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	26.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.51	4.13	4.61	4.42	5.81	ppb
Boron	11-1	4.33	4.54	4.63	4.50	3.40	ppb
Cadmium	111-1	-0.02	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-2.01	-0.48	-1.54	-1.34		ppb
Cadmium	108-1	-0.03	-0.02	-0.03	-0.02		ppb
Calcium	43-1	286.95	288.31	283.10	286.12	0.95	ppb
Calcium	44-1	282.11	284.14	278.73	281.66	0.97	ppb
Chromium	52-2	0.04	0.00	0.06	0.04	84.29	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	15.14	ppb
Copper	63-2	1.77	1.78	1.77	1.77	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	76.87	76.22	76.09	76.40	0.55	ppb
Iron	57-2	75.99	73.65	73.18	74.28	2.03	ppb
Lead	206-1	0.05	0.02	0.05	0.04	49.27	ppb
Lead	207-1	0.03	0.03	0.02	0.02	14.10	ppb
Lead	208-1	0.04	0.02	0.03	0.03	29.61	ppb
Lithium	6-1						%
Magnesium	24-2	16.19	17.55	16.79	16.84	4.04	ppb
Manganese	55-2	7.24	7.33	7.21	7.26	0.88	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:26:38	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.02	0.02	0.01	108.06	ppb
Molybdenum	95-1	0.03	0.06	0.08	0.05	48.66	ppb
Molybdenum	96-1	0.01	0.05	0.04	0.04	52.89	ppb
Molybdenum	97-1	0.04	0.06	0.07	0.05	26.45	ppb
Molybdenum	98-1	0.05	0.06	0.09	0.07	34.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.04	0.03	0.05	39.46	ppb
Phosphorus	31-2	1.24	2.27	-9.70	-2.06		ppb
Potassium	39-2	177.32	182.84	178.19	179.45	1.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.64	0.64	0.00	0.43	86.60	ppb
Selenium	78-2	-0.08	-0.14	-0.82	-0.35		ppb
Selenium	82-1	0.65	1.69	0.58	0.97	63.93	ppb
Silicon	28-1	153.50	162.92	153.33	156.58	3.50	ppb
Silver	109-1	0.06	0.05	0.07	0.06	10.76	ppb
Silver	107-1	0.06	0.06	0.07	0.06	9.80	ppb
Sodium	23-2	159.07	161.67	161.74	160.83	0.95	ppb
Strontium	86-1	1.90	1.97	2.03	1.97	3.13	ppb
Strontium	88-1	1.95	1.93	1.98	1.95	1.15	ppb
Sulfur	34-1	114.91	70.39	99.07	94.79	23.81	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.05	0.04	0.05	13.13	ppb
Titanium	47-1	0.19	0.21	0.17	0.19	11.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	49.45	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	15.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.51	0.68	0.78	0.66	20.28	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:26:38	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.01	123.58	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S83-0012LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-08 16:30:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.87	1.86	1.83	1.85	0.86	ppb
Antimony	121-1	-0.26	-0.24	-0.20	-0.24		ppb
Arsenic	75-2	0.15	0.24	0.20	0.20	24.14	ppb
Barium	135-1	0.03	0.02	0.03	0.03	25.29	ppb
Barium	137-1	0.05	0.04	0.04	0.05	16.77	ppb
Beryllium	9-1	0.03	0.01	0.05	0.03	70.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.59	2.60	2.90	2.69	6.52	ppb
Boron	11-1	3.04	2.74	2.89	2.89	5.23	ppb
Cadmium	111-1	-0.01	-0.01	-0.03	-0.02		ppb
Cadmium	106-1	-0.80	-1.21	-2.49	-1.50		ppb
Cadmium	108-1	-0.02	-0.07	-0.09	-0.06		ppb
Calcium	43-1	50.44	58.17	60.49	56.37	9.33	ppb
Calcium	44-1	56.41	57.43	57.58	57.14	1.11	ppb
Chromium	52-2	0.03	-0.01	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	1.18	1.16	1.09	1.15	4.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.48	14.19	14.45	14.37	1.11	ppb
Iron	57-2	14.72	13.45	13.83	14.00	4.67	ppb
Lead	206-1	0.06	0.05	0.07	0.06	12.82	ppb
Lead	207-1	0.06	0.05	0.07	0.06	11.18	ppb
Lead	208-1	0.05	0.06	0.06	0.06	5.39	ppb
Lithium	6-1						%
Magnesium	24-2	4.52	4.15	4.13	4.27	5.13	ppb
Manganese	55-2	1.32	1.34	1.38	1.35	2.25	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S83-0012LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-08 16:30:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	95-1	0.00	-0.01	0.02	0.00	391.39	ppb
Molybdenum	96-1	-0.04	-0.01	0.00	-0.02		ppb
Molybdenum	97-1	-0.03	0.00	0.03	0.00		ppb
Molybdenum	98-1	-0.02	0.02	0.04	0.02	187.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-12.34	-14.88	-9.27	-12.16		ppb
Potassium	39-2	47.78	45.03	48.19	47.00	3.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.85	-1.20	-0.04	-0.13		ppb
Selenium	82-1	0.63	0.94	0.77	0.78	20.24	ppb
Silicon	28-1	21.54	21.65	21.89	21.69	0.81	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.93	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.88	ppb
Sodium	23-2	42.61	42.67	41.91	42.40	1.00	ppb
Strontium	86-1	0.39	0.33	0.35	0.36	9.44	ppb
Strontium	88-1	0.36	0.37	0.38	0.37	1.97	ppb
Sulfur	34-1	214.78	176.23	245.98	212.33	16.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.03	0.01	0.03	0.02	48.35	ppb
Titanium	47-1	0.06	0.06	0.09	0.07	30.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	26.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.49	0.57	0.59	0.55	8.81	ppb
Zirconium	90-1	-0.02	-0.01	-0.02	-0.02		ppb

Reviewed By:jaswal
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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S83-0012LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-08 16:30:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.02	-0.01	-0.01		ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:33:37	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	462.65	448.75	457.95	456.45	1.55	ppb
Antimony	121-1	21.71	22.06	21.81	21.86	0.82	ppb
Arsenic	75-2	23.93	24.20	25.00	24.38	2.28	ppb
Barium	135-1	109.88	110.75	111.32	110.65	0.65	ppb
Barium	137-1	111.80	112.34	111.86	112.00	0.26	ppb
Beryllium	9-1	23.74	23.60	23.57	23.64	0.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.60	47.42	48.07	47.70	0.71	ppb
Boron	11-1	48.67	48.09	49.52	48.76	1.48	ppb
Cadmium	111-1	22.99	23.69	22.53	23.07	2.52	ppb
Cadmium	106-1	22.99	21.83	22.23	22.35	2.63	ppb
Cadmium	108-1	22.42	23.36	23.64	23.14	2.75	ppb
Calcium	43-1	2503.65	2430.92	2449.28	2461.28	1.54	ppb
Calcium	44-1	2510.43	2510.82	2507.14	2509.47	0.08	ppb
Chromium	52-2	24.29	24.18	23.73	24.06	1.24	ppb
Cobalt	59-2	24.58	24.56	24.23	24.46	0.79	ppb
Copper	63-2	50.90	51.69	50.27	50.95	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1251.49	1253.28	1241.59	1248.79	0.50	ppb
Iron	57-2	1233.75	1245.12	1246.15	1241.68	0.55	ppb
Lead	206-1	22.73	22.73	23.08	22.84	0.89	ppb
Lead	207-1	21.03	20.75	21.33	21.04	1.36	ppb
Lead	208-1	22.10	21.98	22.28	22.12	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	2372.33	2377.73	2361.30	2370.45	0.35	ppb
Manganese	55-2	53.05	53.38	52.08	52.84	1.27	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:33:37	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	27.93	27.93	27.82	27.89	0.23	ppb
Molybdenum	95-1	44.00	44.56	44.43	44.33	0.66	ppb
Molybdenum	96-1	39.84	39.80	39.38	39.67	0.64	ppb
Molybdenum	97-1	45.57	45.74	44.65	45.32	1.29	ppb
Molybdenum	98-1	43.89	43.79	43.95	43.88	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.49	25.45	25.25	25.39	0.51	ppb
Phosphorus	31-2	-7.45	-1.54	-19.90	-9.63		ppb
Potassium	39-2	1272.81	1282.78	1280.61	1278.73	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	22.78	19.24	25.99	22.67	14.88	ppb
Selenium	78-2	24.25	22.16	24.14	23.52	5.00	ppb
Selenium	82-1	23.96	25.13	23.73	24.27	3.08	ppb
Silicon	28-1	227.34	227.75	230.39	228.49	0.72	ppb
Silver	109-1	10.10	10.16	10.34	10.20	1.23	ppb
Silver	107-1	10.08	10.18	10.32	10.20	1.18	ppb
Sodium	23-2	2526.55	2514.37	2520.63	2520.52	0.24	ppb
Strontium	86-1	25.29	24.87	24.84	25.00	1.00	ppb
Strontium	88-1	24.52	24.56	24.40	24.49	0.34	ppb
Sulfur	34-1	399.14	483.81	461.95	448.30	9.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	21.09	21.22	21.33	21.21	0.57	ppb
Thallium	205-1	21.68	21.81	21.84	21.78	0.39	ppb
Tin	118-1	43.89	44.27	43.79	43.98	0.57	ppb
Titanium	47-1	45.45	46.00	45.67	45.71	0.60	ppb
Uranium	238-1	19.64	19.61	19.92	19.73	0.86	ppb
Vanadium	51-2	23.15	23.39	23.02	23.18	0.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	50.95	49.72	51.05	50.58	1.46	ppb
Zirconium	90-1	21.42	21.19	21.27	21.29	0.56	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:33:37	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	21.06	21.34	21.03	21.14	0.81	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:37:06	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	460.76	463.71	458.65	461.04	0.55	ppb
Antimony	121-1	21.78	21.87	21.97	21.87	0.42	ppb
Arsenic	75-2	25.24	24.98	24.36	24.86	1.81	ppb
Barium	135-1	111.90	111.39	112.63	111.97	0.55	ppb
Barium	137-1	112.53	112.48	113.34	112.78	0.43	ppb
Beryllium	9-1	24.01	24.05	23.98	24.01	0.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.14	49.90	51.31	49.45	4.29	ppb
Boron	11-1	49.69	48.68	49.05	49.14	1.04	ppb
Cadmium	111-1	22.95	22.95	23.14	23.01	0.46	ppb
Cadmium	106-1	21.16	21.91	22.21	21.76	2.48	ppb
Cadmium	108-1	23.31	22.38	23.65	23.11	2.84	ppb
Calcium	43-1	2494.68	2498.46	2506.76	2499.97	0.25	ppb
Calcium	44-1	2507.69	2515.87	2505.88	2509.81	0.21	ppb
Chromium	52-2	24.68	24.49	24.16	24.44	1.09	ppb
Cobalt	59-2	24.44	24.74	24.51	24.56	0.65	ppb
Copper	63-2	51.07	51.62	51.67	51.45	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1261.55	1265.73	1253.63	1260.31	0.49	ppb
Iron	57-2	1256.11	1256.53	1233.48	1248.71	1.06	ppb
Lead	206-1	22.84	23.17	23.24	23.08	0.92	ppb
Lead	207-1	21.00	21.39	21.47	21.29	1.17	ppb
Lead	208-1	22.12	22.42	22.42	22.32	0.77	ppb
Lithium	6-1						%
Magnesium	24-2	2451.12	2458.81	2424.64	2444.86	0.73	ppb
Manganese	55-2	52.75	53.49	53.00	53.08	0.71	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:37:06	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	28.45	27.93	27.84	28.07	1.18	ppb
Molybdenum	95-1	45.04	45.11	44.55	44.90	0.68	ppb
Molybdenum	96-1	40.70	40.06	39.31	40.03	1.74	ppb
Molybdenum	97-1	46.18	45.80	45.50	45.83	0.75	ppb
Molybdenum	98-1	44.60	44.43	43.77	44.27	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.40	25.14	25.53	25.36	0.78	ppb
Phosphorus	31-2	-2.09	0.38	-5.77	-2.49		ppb
Potassium	39-2	1287.72	1291.50	1288.00	1289.08	0.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	24.87	23.79	23.16	23.94	3.61	ppb
Selenium	78-2	23.81	22.62	24.41	23.61	3.85	ppb
Selenium	82-1	24.41	24.35	24.81	24.52	1.02	ppb
Silicon	28-1	220.77	224.56	222.03	222.45	0.87	ppb
Silver	109-1	10.27	10.19	10.30	10.25	0.54	ppb
Silver	107-1	10.24	10.22	10.28	10.25	0.30	ppb
Sodium	23-2	2564.53	2562.40	2544.93	2557.29	0.42	ppb
Strontium	86-1	25.47	25.03	24.84	25.11	1.28	ppb
Strontium	88-1	24.56	24.84	24.82	24.74	0.63	ppb
Sulfur	34-1	199.30	229.73	89.83	172.95	42.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	21.35	21.64	21.51	21.50	0.67	ppb
Thallium	205-1	21.85	22.24	22.07	22.05	0.89	ppb
Tin	118-1	43.95	44.32	44.06	44.11	0.44	ppb
Titanium	47-1	45.73	45.88	45.64	45.75	0.26	ppb
Uranium	238-1	19.69	19.98	19.86	19.84	0.73	ppb
Vanadium	51-2	23.58	23.64	23.27	23.49	0.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	51.11	50.41	50.62	50.72	0.71	ppb
Zirconium	90-1	21.65	21.43	21.42	21.50	0.60	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:37:06	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	21.55	21.52	21.27	21.45	0.71	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:40:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	477.57	472.20	464.57	471.45	1.39	ppb
Antimony	121-1	22.68	22.71	22.92	22.77	0.57	ppb
Arsenic	75-2	25.35	24.90	25.19	25.14	0.90	ppb
Barium	135-1	116.06	115.61	116.62	116.10	0.44	ppb
Barium	137-1	117.36	116.00	118.27	117.21	0.97	ppb
Beryllium	9-1	24.83	24.36	25.28	24.82	1.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	51.73	53.94	51.66	52.44	2.48	ppb
Boron	11-1	51.05	50.99	51.15	51.06	0.16	ppb
Cadmium	111-1	23.79	23.54	24.17	23.83	1.32	ppb
Cadmium	106-1	24.25	20.79	22.24	22.43	7.75	ppb
Cadmium	108-1	23.74	24.34	24.19	24.09	1.28	ppb
Calcium	43-1	2589.12	2567.69	2581.48	2579.43	0.42	ppb
Calcium	44-1	2614.79	2619.23	2586.02	2606.68	0.69	ppb
Chromium	52-2	25.18	25.19	24.88	25.08	0.71	ppb
Cobalt	59-2	25.36	25.37	25.38	25.37	0.03	ppb
Copper	63-2	53.29	53.28	52.52	53.03	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1302.15	1300.12	1301.07	1301.12	0.08	ppb
Iron	57-2	1276.10	1287.75	1301.59	1288.48	0.99	ppb
Lead	206-1	23.65	23.69	23.88	23.74	0.50	ppb
Lead	207-1	21.78	21.99	22.31	22.03	1.22	ppb
Lead	208-1	22.91	22.98	23.18	23.02	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	2460.38	2474.36	2463.39	2466.05	0.30	ppb
Manganese	55-2	54.72	54.80	55.07	54.86	0.33	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:40:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	29.28	28.78	29.14	29.07	0.89	ppb
Molybdenum	95-1	46.32	45.77	46.20	46.10	0.63	ppb
Molybdenum	96-1	41.93	40.97	41.58	41.49	1.17	ppb
Molybdenum	97-1	47.59	46.69	47.45	47.24	1.03	ppb
Molybdenum	98-1	45.79	44.78	45.88	45.48	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.93	26.41	26.23	26.19	0.94	ppb
Phosphorus	31-2	-6.69	0.59	-1.98	-2.69		ppb
Potassium	39-2	1320.10	1336.36	1325.39	1327.28	0.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	22.89	24.97	22.58	23.48	5.53	ppb
Selenium	78-2	22.52	24.00	24.38	23.63	4.15	ppb
Selenium	82-1	25.53	24.67	24.69	24.96	1.97	ppb
Silicon	28-1	229.93	234.17	237.71	233.94	1.66	ppb
Silver	109-1	10.72	10.61	10.64	10.66	0.52	ppb
Silver	107-1	10.65	10.64	10.64	10.64	0.08	ppb
Sodium	23-2	2633.58	2625.97	2617.83	2625.79	0.30	ppb
Strontium	86-1	25.48	25.71	25.82	25.67	0.67	ppb
Strontium	88-1	25.68	25.30	25.56	25.51	0.76	ppb
Sulfur	34-1	-104.72	-72.48	11.99	-55.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	22.29	22.18	22.19	22.22	0.27	ppb
Thallium	205-1	22.72	22.60	22.77	22.70	0.38	ppb
Tin	118-1	45.27	45.42	45.69	45.46	0.47	ppb
Titanium	47-1	47.08	46.82	46.99	46.97	0.28	ppb
Uranium	238-1	20.42	20.31	20.61	20.45	0.75	ppb
Vanadium	51-2	24.08	24.60	24.27	24.31	1.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	51.52	52.35	53.48	52.45	1.88	ppb
Zirconium	90-1	22.06	21.99	22.35	22.13	0.84	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:40:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	22.22	21.72	22.15	22.03	1.24	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:44:05	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.86	0.92	0.54	0.77	26.72	ppb
Antimony	121-1	-0.35	-0.34	-0.33	-0.34		ppb
Arsenic	75-2	0.08	0.02	0.03	0.04	73.06	ppb
Barium	135-1	0.15	0.14	0.17	0.15	9.54	ppb
Barium	137-1	0.17	0.19	0.16	0.17	10.03	ppb
Beryllium	9-1	0.00	0.03	0.04	0.02	88.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.48	1.63	2.23	2.11	20.58	ppb
Boron	11-1	2.68	2.59	2.32	2.53	7.47	ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-1.74	-1.85	-1.60	-1.73		ppb
Cadmium	108-1	-0.07	-0.03	0.00	-0.03		ppb
Calcium	43-1	459.44	457.21	458.55	458.40	0.24	ppb
Calcium	44-1	460.52	452.00	455.90	456.14	0.93	ppb
Chromium	52-2	0.00	0.03	0.01	0.01	110.76	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.52	1.57	1.55	1.54	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.51	0.66	0.49	0.55	16.30	ppb
Iron	57-2	0.65	0.72	1.19	0.85	34.62	ppb
Lead	206-1	-0.01	0.00	0.00	0.00		ppb
Lead	207-1	-0.02	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.02	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	17.53	17.48	17.74	17.59	0.77	ppb
Manganese	55-2	1.33	1.30	1.31	1.31	1.43	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:44:05	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.05	0.03	55.92	ppb
Molybdenum	95-1	0.03	0.07	0.10	0.07	54.45	ppb
Molybdenum	96-1	0.02	0.06	0.07	0.05	49.76	ppb
Molybdenum	97-1	0.05	0.06	0.12	0.07	50.43	ppb
Molybdenum	98-1	0.06	0.09	0.11	0.09	32.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-12.24	-8.50	-19.52	-13.42		ppb
Potassium	39-2	220.27	224.24	225.90	223.47	1.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.59	0.32	0.32	0.74	98.85	ppb
Selenium	78-2	-0.73	-0.34	-0.78	-0.62		ppb
Selenium	82-1	1.00	0.33	0.16	0.50	88.82	ppb
Silicon	28-1	142.05	140.73	140.25	141.01	0.66	ppb
Silver	109-1	0.04	0.04	0.04	0.04	0.20	ppb
Silver	107-1	0.05	0.05	0.05	0.05	1.35	ppb
Sodium	23-2	252.10	248.31	254.84	251.75	1.30	ppb
Strontium	86-1	2.37	2.21	2.36	2.31	4.06	ppb
Strontium	88-1	2.20	2.20	2.22	2.21	0.35	ppb
Sulfur	34-1	292.00	279.22	252.66	274.63	7.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	203.81	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.53	ppb
Tin	118-1	0.01	0.03	0.04	0.03	65.48	ppb
Titanium	47-1	0.05	0.05	0.02	0.04	44.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	4.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.92	0.86	0.80	0.86	7.35	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	805.82	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:44:05	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	-0.01	0.00		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:47:36	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.59	1.85	0.91	1.45	33.30	ppb
Antimony	121-1	-0.35	-0.34	-0.34	-0.34		ppb
Arsenic	75-2	0.96	1.12	1.11	1.06	8.37	ppb
Barium	135-1	0.15	0.20	0.14	0.16	17.84	ppb
Barium	137-1	0.15	0.17	0.14	0.15	10.91	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	34.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.74	1.89	1.80	1.81	4.10	ppb
Boron	11-1	1.85	2.09	2.00	1.98	6.03	ppb
Cadmium	111-1	-0.02	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-2.07	-1.72	-2.00	-1.93		ppb
Cadmium	108-1	-0.07	-0.07	-0.06	-0.07		ppb
Calcium	43-1	299.34	309.09	310.10	306.17	1.94	ppb
Calcium	44-1	309.30	308.62	315.00	310.97	1.13	ppb
Chromium	52-2	0.05	0.04	0.03	0.04	21.82	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	4.46	ppb
Copper	63-2	1.63	1.65	1.77	1.68	4.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	75.78	75.85	76.30	75.97	0.37	ppb
Iron	57-2	77.97	73.39	72.74	74.70	3.82	ppb
Lead	206-1	0.01	-0.01	0.00	0.00		ppb
Lead	207-1	-0.01	-0.03	0.00	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	18.21	18.24	17.02	17.82	3.92	ppb
Manganese	55-2	7.76	7.75	7.63	7.71	0.96	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:47:36	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.03	0.01	119.64	ppb
Molybdenum	95-1	0.01	0.05	0.06	0.04	64.36	ppb
Molybdenum	96-1	-0.01	0.01	0.04	0.01	245.79	ppb
Molybdenum	97-1	0.00	0.01	0.05	0.02	142.67	ppb
Molybdenum	98-1	0.01	0.01	0.04	0.02	77.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	0.03	0.02	194.70	ppb
Phosphorus	31-2	13.40	12.36	-10.06	5.23	253.26	ppb
Potassium	39-2	177.19	190.33	188.03	185.18	3.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.32	0.32	0.00	0.21	86.60	ppb
Selenium	78-2	0.22	0.16	-0.20	0.06	378.48	ppb
Selenium	82-1	0.56	0.36	1.19	0.70	61.44	ppb
Silicon	28-1	145.21	143.98	145.81	145.00	0.64	ppb
Silver	109-1	0.04	0.05	0.05	0.05	8.73	ppb
Silver	107-1	0.04	0.04	0.05	0.04	5.84	ppb
Sodium	23-2	162.45	162.02	162.07	162.18	0.14	ppb
Strontium	86-1	2.16	1.99	2.09	2.08	4.02	ppb
Strontium	88-1	2.03	2.01	2.09	2.04	1.98	ppb
Sulfur	34-1	57.03	183.10	304.10	181.41	68.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.02	0.01	0.01	0.01	48.10	ppb
Titanium	47-1	0.05	0.07	0.06	0.06	16.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	25.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.75	0.77	0.70	0.74	4.39	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:47:36	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.02	-0.02	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:51:06	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	472.54	483.99	476.34	477.62	1.22	ppb
Antimony	121-1	23.76	23.98	23.57	23.77	0.86	ppb
Arsenic	75-2	26.58	27.19	26.78	26.85	1.15	ppb
Barium	135-1	121.47	122.29	119.00	120.92	1.42	ppb
Barium	137-1	121.14	122.79	120.38	121.44	1.02	ppb
Beryllium	9-1	25.62	26.37	26.11	26.03	1.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	53.60	50.66	52.51	52.25	2.84	ppb
Boron	11-1	51.96	51.84	52.04	51.95	0.19	ppb
Cadmium	111-1	24.72	25.11	24.54	24.79	1.18	ppb
Cadmium	106-1	23.07	24.20	22.57	23.28	3.57	ppb
Cadmium	108-1	24.83	27.02	26.11	25.99	4.22	ppb
Calcium	43-1	2768.84	2684.87	2747.76	2733.82	1.60	ppb
Calcium	44-1	2779.97	2774.78	2782.99	2779.24	0.15	ppb
Chromium	52-2	26.69	26.40	26.64	26.57	0.58	ppb
Cobalt	59-2	26.32	26.60	26.43	26.45	0.53	ppb
Copper	63-2	55.39	55.22	55.63	55.41	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1369.39	1357.55	1358.00	1361.65	0.49	ppb
Iron	57-2	1359.51	1364.16	1348.79	1357.49	0.58	ppb
Lead	206-1	24.18	24.86	24.97	24.67	1.74	ppb
Lead	207-1	22.47	22.96	22.75	22.73	1.08	ppb
Lead	208-1	23.60	24.07	23.96	23.88	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	2632.37	2627.31	2656.84	2638.84	0.60	ppb
Manganese	55-2	58.45	58.15	58.07	58.22	0.35	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:51:06	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	30.48	30.17	30.39	30.35	0.54	ppb
Molybdenum	95-1	48.34	48.00	48.50	48.28	0.53	ppb
Molybdenum	96-1	43.09	42.70	42.89	42.89	0.45	ppb
Molybdenum	97-1	49.55	48.99	49.12	49.22	0.59	ppb
Molybdenum	98-1	47.70	47.33	47.66	47.57	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.73	27.54	27.23	27.50	0.92	ppb
Phosphorus	31-2	-2.27	-14.66	-10.87	-9.27		ppb
Potassium	39-2	1402.68	1392.04	1399.70	1398.14	0.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	23.84	26.34	24.38	24.85	5.30	ppb
Selenium	78-2	25.05	24.12	23.65	24.27	2.93	ppb
Selenium	82-1	25.46	26.30	26.91	26.22	2.77	ppb
Silicon	28-1	208.54	208.84	209.52	208.97	0.24	ppb
Silver	109-1	11.06	11.12	10.78	10.99	1.64	ppb
Silver	107-1	11.04	11.11	10.82	10.99	1.38	ppb
Sodium	23-2	2749.38	2715.20	2746.97	2737.18	0.70	ppb
Strontium	86-1	26.83	26.74	27.02	26.86	0.54	ppb
Strontium	88-1	26.78	26.54	26.60	26.64	0.48	ppb
Sulfur	34-1	302.77	326.15	405.63	344.85	15.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	22.60	23.11	23.19	22.97	1.38	ppb
Thallium	205-1	23.30	23.82	23.83	23.65	1.27	ppb
Tin	118-1	47.26	48.03	47.28	47.53	0.92	ppb
Titanium	47-1	48.66	49.10	50.14	49.30	1.54	ppb
Uranium	238-1	21.24	21.71	21.69	21.55	1.23	ppb
Vanadium	51-2	25.84	25.33	25.66	25.61	1.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	55.09	54.34	53.97	54.46	1.04	ppb
Zirconium	90-1	23.44	22.99	22.91	23.12	1.24	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:51:06	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	23.28	22.52	22.76	22.85	1.70	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:54:35	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.32	473.80	482.29	479.47	1.02	ppb
Antimony	121-1	23.58	23.53	23.64	23.58	0.23	ppb
Arsenic	75-2	26.81	25.86	26.66	26.44	1.93	ppb
Barium	135-1	121.56	118.99	120.01	120.19	1.08	ppb
Barium	137-1	122.15	119.76	120.92	120.94	0.99	ppb
Beryllium	9-1	25.85	24.92	26.06	25.61	2.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.39	52.12	51.87	51.13	2.95	ppb
Boron	11-1	51.66	51.63	52.77	52.02	1.25	ppb
Cadmium	111-1	24.73	24.80	24.25	24.59	1.23	ppb
Cadmium	106-1	22.87	23.67	22.67	23.07	2.29	ppb
Cadmium	108-1	25.18	24.64	24.84	24.89	1.09	ppb
Calcium	43-1	2623.76	2675.09	2674.95	2657.93	1.11	ppb
Calcium	44-1	2710.54	2721.99	2722.04	2718.19	0.24	ppb
Chromium	52-2	26.19	26.25	26.42	26.29	0.45	ppb
Cobalt	59-2	26.49	26.35	26.65	26.50	0.56	ppb
Copper	63-2	55.40	55.09	55.56	55.35	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1354.89	1354.36	1360.04	1356.43	0.23	ppb
Iron	57-2	1350.57	1344.60	1354.43	1349.87	0.37	ppb
Lead	206-1	24.47	24.43	24.56	24.48	0.27	ppb
Lead	207-1	22.88	22.64	22.84	22.79	0.57	ppb
Lead	208-1	23.84	23.77	23.93	23.85	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	2610.24	2589.15	2624.78	2608.06	0.69	ppb
Manganese	55-2	57.38	57.10	58.07	57.52	0.87	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:54:35	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	30.41	30.27	29.88	30.19	0.91	ppb
Molybdenum	95-1	48.47	47.75	47.67	47.96	0.92	ppb
Molybdenum	96-1	42.71	43.30	42.53	42.85	0.94	ppb
Molybdenum	97-1	49.56	48.79	48.30	48.88	1.30	ppb
Molybdenum	98-1	47.24	47.42	47.19	47.28	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.05	27.40	27.20	27.55	1.60	ppb
Phosphorus	31-2	-12.61	-0.76	-7.95	-7.11		ppb
Potassium	39-2	1375.78	1388.26	1389.88	1384.64	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	20.08	27.15	25.00	24.08	15.04	ppb
Selenium	78-2	24.44	23.27	24.25	23.99	2.61	ppb
Selenium	82-1	24.42	26.60	25.44	25.49	4.28	ppb
Silicon	28-1	208.45	209.18	208.41	208.68	0.21	ppb
Silver	109-1	11.05	10.84	10.93	10.94	0.96	ppb
Silver	107-1	11.04	10.87	10.94	10.95	0.80	ppb
Sodium	23-2	2731.79	2723.71	2745.81	2733.77	0.41	ppb
Strontium	86-1	26.84	27.24	26.55	26.88	1.30	ppb
Strontium	88-1	26.36	26.38	26.22	26.32	0.32	ppb
Sulfur	34-1	385.18	404.86	480.25	423.43	11.85	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	23.21	22.86	23.08	23.05	0.77	ppb
Thallium	205-1	23.60	23.48	23.42	23.50	0.39	ppb
Tin	118-1	47.72	47.32	47.46	47.50	0.43	ppb
Titanium	47-1	48.90	49.43	48.79	49.04	0.70	ppb
Uranium	238-1	21.14	21.43	21.21	21.26	0.71	ppb
Vanadium	51-2	25.42	25.14	25.52	25.36	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	53.79	52.70	54.71	53.73	1.87	ppb
Zirconium	90-1	23.10	23.17	22.98	23.08	0.41	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:54:35	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	23.04	22.76	23.07	22.95	0.74	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:58:05	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9509.40	9513.81	9492.95	9505.39	0.12	ppb
Antimony	121-1	503.65	498.44	498.83	500.31	0.58	ppb
Arsenic	75-2	518.18	513.96	513.54	515.22	0.50	ppb
Barium	135-1	2517.64	2519.53	2507.81	2514.99	0.25	ppb
Barium	137-1	2521.26	2527.57	2494.61	2514.48	0.70	ppb
Beryllium	9-1	510.86	513.97	509.37	511.40	0.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	491.34	500.20	487.68	493.08	1.31	ppb
Boron	11-1	488.04	499.90	496.53	494.82	1.24	ppb
Cadmium	111-1	502.23	500.12	503.09	501.82	0.30	ppb
Cadmium	106-1	508.64	504.81	510.37	507.94	0.56	ppb
Cadmium	108-1	506.26	503.18	512.14	507.19	0.90	ppb
Calcium	43-1	46680.72	47057.70	46876.88	46871.77	0.40	ppb
Calcium	44-1	48575.44	49039.75	48764.75	48793.31	0.48	ppb
Chromium	52-2	516.85	518.36	514.00	516.40	0.43	ppb
Cobalt	59-2	520.39	521.82	517.02	519.74	0.47	ppb
Copper	63-2	1037.44	1032.59	1032.54	1034.19	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25829.75	25760.69	25772.41	25787.61	0.14	ppb
Iron	57-2	24640.67	24777.70	24672.92	24697.10	0.29	ppb
Lead	206-1	502.33	505.69	505.28	504.44	0.36	ppb
Lead	207-1	473.46	479.37	478.46	477.10	0.67	ppb
Lead	208-1	494.59	499.72	501.25	498.52	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	50496.55	50694.05	50312.29	50500.96	0.38	ppb
Manganese	55-2	997.88	1001.00	997.70	998.86	0.19	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:58:05	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.35	503.51	496.90	500.92	0.70	ppb
Molybdenum	95-1	490.55	487.33	486.75	488.21	0.42	ppb
Molybdenum	96-1	481.57	479.12	479.74	480.14	0.27	ppb
Molybdenum	97-1	500.47	497.63	498.62	498.91	0.29	ppb
Molybdenum	98-1	510.22	506.44	508.91	508.53	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.86	528.63	527.49	528.33	0.14	ppb
Phosphorus	31-2	10117.08	10193.98	10248.36	10186.47	0.65	ppb
Potassium	39-2	24552.11	24622.43	24731.68	24635.41	0.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	503.60	504.68	522.30	510.20	2.06	ppb
Selenium	78-2	516.63	517.96	517.84	517.47	0.14	ppb
Selenium	82-1	507.91	511.27	507.63	508.94	0.40	ppb
Silicon	28-1	510.52	509.15	514.46	511.38	0.54	ppb
Silver	109-1	507.89	513.44	517.91	513.08	0.98	ppb
Silver	107-1	508.99	511.98	518.30	513.09	0.93	ppb
Sodium	23-2	50842.68	51132.72	50836.17	50937.19	0.33	ppb
Strontium	86-1	496.44	501.13	493.95	497.18	0.73	ppb
Strontium	88-1	506.12	506.24	502.91	505.09	0.37	ppb
Sulfur	34-1	11196.92	10950.38	10953.59	11033.63	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.10	504.06	501.43	501.53	0.50	ppb
Thallium	205-1	500.54	508.18	505.85	504.86	0.78	ppb
Tin	118-1	501.62	500.60	504.83	502.35	0.44	ppb
Titanium	47-1	498.53	511.57	501.80	503.97	1.35	ppb
Uranium	238-1	483.27	480.63	487.29	483.73	0.69	ppb
Vanadium	51-2	514.76	513.93	513.05	513.91	0.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1058.65	1051.35	1053.54	1054.51	0.36	ppb
Zirconium	90-1	502.87	505.39	504.10	504.12	0.25	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:58:05	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.89	481.53	480.55	481.66	0.24	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:06:01	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.22	0.40	0.24	66.03	ppb
Antimony	121-1	0.23	0.49	0.73	0.48	51.58	ppb
Arsenic	75-2	0.08	0.14	0.17	0.13	37.49	ppb
Barium	135-1	0.00	0.01	0.01	0.00	187.31	ppb
Barium	137-1	0.01	0.01	0.00	0.01	50.71	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	12.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.37	3.43	3.53	3.44	2.27	ppb
Boron	11-1	3.73	3.55	3.47	3.58	3.72	ppb
Cadmium	111-1	-0.02	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-1.99	-1.97	-1.36	-1.77		ppb
Cadmium	108-1	-0.06	0.02	-0.04	-0.03		ppb
Calcium	43-1	-0.56	-0.92	2.15	0.22	750.99	ppb
Calcium	44-1	-4.24	-2.50	-3.47	-3.40		ppb
Chromium	52-2	-0.03	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.74	0.68	0.68	0.70	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.10	0.18	0.11	0.13	34.28	ppb
Iron	57-2	0.51	-0.21	0.08	0.13	286.53	ppb
Lead	206-1	0.12	0.09	0.10	0.10	11.70	ppb
Lead	207-1	0.10	0.10	0.12	0.11	7.72	ppb
Lead	208-1	0.11	0.11	0.10	0.11	2.46	ppb
Lithium	6-1						%
Magnesium	24-2	0.44	0.30	0.17	0.30	44.58	ppb
Manganese	55-2	0.01	0.00	0.01	0.01	116.20	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:06:01	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.06	0.06	0.05	65.55	ppb
Molybdenum	95-1	0.07	0.10	0.19	0.12	51.17	ppb
Molybdenum	96-1	0.05	0.09	0.14	0.09	50.71	ppb
Molybdenum	97-1	0.02	0.15	0.19	0.12	74.57	ppb
Molybdenum	98-1	0.07	0.16	0.21	0.14	49.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-1.69	-20.84	-9.03	-10.52		ppb
Potassium	39-2	8.83	12.67	11.36	10.96	17.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.32	0.11	173.21	ppb
Selenium	78-2	0.30	0.50	-0.44	0.12	416.28	ppb
Selenium	82-1	1.24	0.57	0.98	0.93	36.23	ppb
Silicon	28-1	-6.43	-5.87	-6.58	-6.29		ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.09	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.26	ppb
Sodium	23-2	13.77	13.42	14.09	13.76	2.43	ppb
Strontium	86-1	-0.10	0.11	0.02	0.01	1056.02	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	158.86	ppb
Sulfur	34-1	226.47	236.38	123.56	195.47	31.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	100.54	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.59	ppb
Tin	118-1	0.05	0.06	0.09	0.07	30.07	ppb
Titanium	47-1	0.01	0.03	0.07	0.04	76.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	35.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	0.05	0.12	0.08	57.35	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:06:01	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:21:48	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	1.50	0.13	0.73	95.77	ppb
Antimony	121-1	-0.39	-0.39	-0.39	-0.39		ppb
Arsenic	75-2	-0.02	-0.03	-0.01	-0.02		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.03	-0.04	-0.03	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.50	-0.71	-0.63	-0.61		ppb
Boron	11-1	-0.56	-0.55	-0.58	-0.57		ppb
Cadmium	111-1	-0.05	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-4.22	-3.97	-4.12	-4.10		ppb
Cadmium	108-1	-0.05	-0.07	-0.08	-0.06		ppb
Calcium	43-1	-5.66	-6.24	-4.94	-5.61		ppb
Calcium	44-1	-14.61	-15.27	-15.31	-15.07		ppb
Chromium	52-2	-0.22	-0.22	-0.21	-0.22		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	-0.28	-0.20	-0.21	-0.23		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.74	-0.53	-0.73	-0.67		ppb
Iron	57-2	-0.91	-0.58	-0.64	-0.71		ppb
Lead	206-1	-0.04	-0.03	-0.05	-0.04		ppb
Lead	207-1	-0.04	-0.06	-0.05	-0.05		ppb
Lead	208-1	-0.04	-0.05	-0.06	-0.05		ppb
Lithium	6-1						%
Magnesium	24-2	-0.17	-0.18	-0.15	-0.17		ppb
Manganese	55-2	-0.03	-0.03	-0.03	-0.03		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:21:48	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	95-1	-0.06	-0.07	-0.07	-0.07		ppb
Molybdenum	96-1	-0.07	-0.07	-0.07	-0.07		ppb
Molybdenum	97-1	-0.08	-0.08	-0.08	-0.08		ppb
Molybdenum	98-1	-0.06	-0.06	-0.06	-0.06		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.08	-0.08	-0.08		ppb
Phosphorus	31-2	-30.51	-11.56	-23.95	-22.00		ppb
Potassium	39-2	-77.29	-71.60	-70.22	-73.03		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.16	0.05	173.21	ppb
Selenium	78-2	-1.55	-1.31	-1.08	-1.31		ppb
Selenium	82-1	0.48	0.63	0.95	0.69	34.79	ppb
Silicon	28-1	-47.23	-50.59	-49.77	-49.20		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-15.45	-14.08	-13.17	-14.23		ppb
Strontium	86-1	-0.80	-0.83	-0.84	-0.82		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-6969.50	-7316.48	-7387.53	-7224.50		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.06	-0.07	-0.06	-0.07		ppb
Titanium	47-1	-0.04	-0.04	-0.03	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	-0.03	-0.01	-0.03		ppb
Zirconium	90-1	-0.04	-0.04	-0.04	-0.04		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:21:48	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.04	-0.04	-0.04	-0.04		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01RE	Instrumnet Name :	P7
Client Sample ID :	RD-2RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:25:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.53	38.09	40.76	38.79	4.44	ppb
Antimony	121-1	0.88	1.03	1.18	1.03	14.52	ppb
Arsenic	75-2	0.76	0.69	0.76	0.74	5.45	ppb
Barium	135-1	50.51	49.28	49.69	49.82	1.26	ppb
Barium	137-1	50.00	49.87	50.12	50.00	0.25	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	43.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.82	29.73	26.64	27.73	6.26	ppb
Boron	11-1	27.20	28.19	28.20	27.87	2.07	ppb
Cadmium	111-1	0.22	0.13	0.16	0.17	29.68	ppb
Cadmium	106-1	-1.69	-2.35	-2.14	-2.06		ppb
Cadmium	108-1	0.18	0.28	0.15	0.20	34.32	ppb
Calcium	43-1	154344.66	156196.98	155648.32	155396.65	0.61	ppb
Calcium	44-1	154655.47	155326.52	154568.23	154850.07	0.27	ppb
Chromium	52-2	0.44	0.40	0.39	0.41	6.03	ppb
Cobalt	59-2	0.19	0.19	0.19	0.19	1.23	ppb
Copper	63-2	20.35	19.86	19.03	19.75	3.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	315.63	317.81	313.59	315.67	0.67	ppb
Iron	57-2	343.69	341.99	336.75	340.81	1.06	ppb
Lead	206-1	0.32	0.31	0.28	0.30	7.24	ppb
Lead	207-1	0.28	0.29	0.25	0.27	5.98	ppb
Lead	208-1	0.31	0.30	0.27	0.29	7.39	ppb
Lithium	6-1						%
Magnesium	24-2	39238.11	39422.86	38999.92	39220.29	0.54	ppb
Manganese	55-2	62.02	62.22	62.35	62.19	0.27	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01RE	Instrumnet Name :	P7
Client Sample ID :	RD-2RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:25:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.35	0.30	0.34	0.33	7.77	ppb
Molybdenum	95-1	0.64	0.59	0.63	0.62	4.34	ppb
Molybdenum	96-1	0.49	0.52	0.59	0.53	9.33	ppb
Molybdenum	97-1	0.62	0.66	0.61	0.63	4.49	ppb
Molybdenum	98-1	0.62	0.59	0.66	0.62	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.13	1.13	1.13	0.02	ppb
Phosphorus	31-2	20.32	3.62	8.47	10.80	79.48	ppb
Potassium	39-2	949.60	933.13	941.91	941.54	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.26	4.00	3.60	3.62	10.20	ppb
Selenium	78-2	0.53	-0.37	-0.63	-0.16		ppb
Selenium	82-1	0.71	0.31	1.60	0.87	75.70	ppb
Silicon	28-1	6169.06	6136.50	6130.45	6145.34	0.34	ppb
Silver	109-1	0.59	0.56	0.48	0.54	9.82	ppb
Silver	107-1	0.58	0.55	0.48	0.54	9.40	ppb
Sodium	23-2	10107.32	10221.48	10123.60	10150.80	0.61	ppb
Strontium	86-1	274.39	276.46	273.54	274.80	0.55	ppb
Strontium	88-1	279.94	279.89	278.89	279.57	0.21	ppb
Sulfur	34-1	41364.71	41525.24	41492.31	41460.75	0.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.02	0.01	0.02	57.70	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	38.69	ppb
Tin	118-1	1.50	1.51	1.49	1.50	0.65	ppb
Titanium	47-1	1.10	1.31	1.17	1.19	8.91	ppb
Uranium	238-1	1.67	1.72	1.72	1.70	1.80	ppb
Vanadium	51-2	0.96	0.93	0.99	0.96	2.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.82	22.24	21.94	22.00	1.00	ppb
Zirconium	90-1	0.18	0.20	0.21	0.20	7.37	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01RE	Instrumnet Name :	P7
Client Sample ID :	RD-2RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:25:16	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.19	0.24	0.21	13.76	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	RD-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:28:45	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.97	39.85	41.87	40.56	2.79	ppb
Antimony	121-1	0.52	0.57	0.70	0.59	15.80	ppb
Arsenic	75-2	0.79	0.78	0.81	0.79	2.12	ppb
Barium	135-1	49.89	49.11	49.70	49.57	0.82	ppb
Barium	137-1	50.26	49.61	50.03	49.97	0.66	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	28.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	30.85	30.38	31.28	30.83	1.47	ppb
Boron	11-1	29.51	29.97	29.93	29.81	0.85	ppb
Cadmium	111-1	0.13	0.09	0.09	0.10	22.61	ppb
Cadmium	106-1	-1.50	-2.05	-2.02	-1.86		ppb
Cadmium	108-1	0.08	0.15	0.08	0.10	40.29	ppb
Calcium	43-1	151880.41	154732.40	156070.27	154227.69	1.39	ppb
Calcium	44-1	153573.21	153728.73	155705.95	154335.97	0.77	ppb
Chromium	52-2	0.45	0.40	0.46	0.44	6.87	ppb
Cobalt	59-2	0.20	0.18	0.18	0.18	5.70	ppb
Copper	63-2	16.59	16.57	16.22	16.46	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	316.56	316.88	314.57	316.00	0.40	ppb
Iron	57-2	343.56	378.50	340.59	354.22	5.95	ppb
Lead	206-1	0.24	0.23	0.21	0.23	6.18	ppb
Lead	207-1	0.20	0.21	0.21	0.21	1.77	ppb
Lead	208-1	0.21	0.22	0.21	0.21	2.22	ppb
Lithium	6-1						%
Magnesium	24-2	39146.62	39454.61	38795.05	39132.09	0.84	ppb
Manganese	55-2	61.66	62.69	61.62	61.99	0.98	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	RD-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:28:45	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.27	0.33	0.30	11.22	ppb
Molybdenum	95-1	0.59	0.53	0.60	0.57	6.40	ppb
Molybdenum	96-1	0.48	0.46	0.50	0.48	4.89	ppb
Molybdenum	97-1	0.54	0.63	0.62	0.60	8.58	ppb
Molybdenum	98-1	0.55	0.55	0.57	0.55	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.00	1.12	1.08	6.50	ppb
Phosphorus	31-2	13.02	1.99	12.57	9.19	67.92	ppb
Potassium	39-2	939.99	965.69	930.06	945.25	1.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.34	2.17	4.70	3.74	36.51	ppb
Selenium	78-2	0.34	0.77	-0.32	0.26	210.37	ppb
Selenium	82-1	0.26	1.22	0.56	0.68	72.15	ppb
Silicon	28-1	5994.41	6096.64	6163.89	6084.98	1.40	ppb
Silver	109-1	0.29	0.29	0.29	0.29	1.05	ppb
Silver	107-1	0.30	0.29	0.29	0.29	1.58	ppb
Sodium	23-2	10129.15	10219.06	10024.40	10124.20	0.96	ppb
Strontium	86-1	270.42	272.12	272.87	271.81	0.46	ppb
Strontium	88-1	276.41	277.34	277.63	277.13	0.23	ppb
Sulfur	34-1	40852.71	41649.05	42249.87	41583.88	1.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	142.71	ppb
Tin	118-1	1.21	1.26	1.28	1.25	3.16	ppb
Titanium	47-1	1.38	1.39	1.14	1.30	10.48	ppb
Uranium	238-1	1.75	1.78	1.77	1.77	0.69	ppb
Vanadium	51-2	1.01	1.06	1.15	1.08	6.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.43	21.65	21.54	21.54	0.49	ppb
Zirconium	90-1	0.17	0.16	0.17	0.17	3.71	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	RD-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:28:45	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.19	0.18	0.18	4.94	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01LREX5	Instrumnet Name :	P7
Client Sample ID :	RD-2LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 17:32:13	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.99	9.50	8.89	8.79	8.60	ppb
Antimony	121-1	-0.20	-0.19	-0.18	-0.19		ppb
Arsenic	75-2	0.11	0.12	0.11	0.11	6.96	ppb
Barium	135-1	10.46	10.58	10.35	10.46	1.14	ppb
Barium	137-1	10.41	10.66	10.44	10.50	1.30	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	32.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.08	7.51	7.30	7.30	2.94	ppb
Boron	11-1	7.02	7.44	7.24	7.23	2.95	ppb
Cadmium	111-1	0.00	0.01	0.00	0.00	182.93	ppb
Cadmium	106-1	-2.07	-1.92	-2.76	-2.25		ppb
Cadmium	108-1	-0.02	-0.04	-0.07	-0.04		ppb
Calcium	43-1	30778.01	30682.39	30567.18	30675.86	0.34	ppb
Calcium	44-1	32127.76	32029.67	31804.03	31987.15	0.52	ppb
Chromium	52-2	0.10	0.10	0.10	0.10	3.43	ppb
Cobalt	59-2	0.03	0.02	0.02	0.03	21.78	ppb
Copper	63-2	6.66	6.28	6.30	6.41	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	65.51	63.98	64.53	64.67	1.20	ppb
Iron	57-2	70.50	71.22	66.32	69.35	3.81	ppb
Lead	206-1	0.01	0.00	0.00	0.00	447.13	ppb
Lead	207-1	0.00	0.02	-0.01	0.01	236.80	ppb
Lead	208-1	0.00	0.00	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	8081.53	7973.14	8018.71	8024.46	0.68	ppb
Manganese	55-2	12.89	12.98	13.05	12.97	0.65	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01LREX5	Instrumnet Name :	P7
Client Sample ID :	RD-2LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 17:32:13	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	21.35	ppb
Molybdenum	95-1	0.07	0.10	0.08	0.08	19.76	ppb
Molybdenum	96-1	0.06	0.07	0.07	0.07	10.80	ppb
Molybdenum	97-1	0.08	0.08	0.10	0.09	13.65	ppb
Molybdenum	98-1	0.08	0.08	0.11	0.09	21.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.20	0.23	0.23	9.09	ppb
Phosphorus	31-2	0.41	-12.91	0.13	-4.12		ppb
Potassium	39-2	204.34	206.05	205.99	205.46	0.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.35	1.34	0.00	0.90	86.60	ppb
Selenium	78-2	-0.10	-0.39	0.04	-0.15		ppb
Selenium	82-1	0.85	2.10	-0.13	0.94	119.45	ppb
Silicon	28-1	1273.77	1274.49	1278.15	1275.47	0.18	ppb
Silver	109-1	0.12	0.10	0.11	0.11	9.63	ppb
Silver	107-1	0.12	0.10	0.11	0.11	7.61	ppb
Sodium	23-2	2082.67	2066.63	2073.97	2074.42	0.39	ppb
Strontium	86-1	56.55	56.10	56.49	56.38	0.44	ppb
Strontium	88-1	55.81	56.17	55.92	55.97	0.33	ppb
Sulfur	34-1	8632.48	8601.07	8817.86	8683.80	1.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.06	0.06	0.05	0.06	8.75	ppb
Titanium	47-1	0.22	0.26	0.27	0.25	11.71	ppb
Uranium	238-1	0.35	0.35	0.36	0.35	0.63	ppb
Vanadium	51-2	0.26	0.25	0.25	0.25	2.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.44	4.45	4.57	4.49	1.67	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	52.32	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01LREX5	Instrumnet Name :	P7
Client Sample ID :	RD-2LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 17:32:13	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.01	0.02	70.84	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:35:43	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9725.23	9814.28	9685.06	9741.52	0.68	ppb
Antimony	121-1	519.56	522.56	521.49	521.20	0.29	ppb
Arsenic	75-2	551.84	551.68	551.39	551.64	0.04	ppb
Barium	135-1	2702.51	2706.24	2694.81	2701.18	0.22	ppb
Barium	137-1	2697.11	2689.09	2695.37	2693.86	0.16	ppb
Beryllium	9-1	527.82	529.04	532.76	529.88	0.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1111.86	1111.27	1131.79	1118.31	1.04	ppb
Boron	11-1	1088.42	1097.29	1121.95	1102.55	1.58	ppb
Cadmium	111-1	501.90	493.66	502.90	499.49	1.02	ppb
Cadmium	106-1	496.66	494.43	495.64	495.58	0.23	ppb
Cadmium	108-1	505.69	503.01	502.51	503.74	0.34	ppb
Calcium	43-1	207723.59	205848.63	205476.86	206349.70	0.58	ppb
Calcium	44-1	205469.43	204947.71	206632.04	205683.06	0.42	ppb
Chromium	52-2	564.05	569.07	563.92	565.68	0.52	ppb
Cobalt	59-2	564.03	573.06	566.10	567.73	0.83	ppb
Copper	63-2	1173.64	1193.74	1176.00	1181.13	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28586.71	28755.90	28856.15	28732.92	0.47	ppb
Iron	57-2	27511.25	27823.96	27560.84	27632.02	0.61	ppb
Lead	206-1	546.50	565.38	557.90	556.60	1.71	ppb
Lead	207-1	481.03	488.62	485.24	484.96	0.78	ppb
Lead	208-1	523.64	533.25	529.13	528.67	0.91	ppb
Lithium	6-1						%
Magnesium	24-2	93091.46	93528.21	92495.84	93038.50	0.56	ppb
Manganese	55-2	1122.59	1135.71	1128.77	1129.02	0.58	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:35:43	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	685.24	696.41	692.00	691.22	0.81	ppb
Molybdenum	95-1	1081.49	1103.61	1100.17	1095.09	1.09	ppb
Molybdenum	96-1	995.86	1010.58	1010.63	1005.69	0.85	ppb
Molybdenum	97-1	1070.10	1092.14	1082.72	1081.66	1.02	ppb
Molybdenum	98-1	1089.99	1112.08	1108.61	1103.56	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	577.07	586.41	582.02	581.83	0.80	ppb
Phosphorus	31-2	21.41	9.29	7.34	12.68	60.12	ppb
Potassium	39-2	26598.84	26885.88	26327.30	26604.01	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	524.70	510.78	535.05	523.51	2.33	ppb
Selenium	78-2	538.90	530.99	533.58	534.49	0.76	ppb
Selenium	82-1	541.14	543.38	540.64	541.72	0.27	ppb
Silicon	28-1	6880.87	6801.79	6859.74	6847.47	0.60	ppb
Silver	109-1	239.08	237.71	238.77	238.52	0.30	ppb
Silver	107-1	239.01	237.82	238.86	238.56	0.27	ppb
Sodium	23-2	65104.03	65888.87	64730.90	65241.26	0.91	ppb
Strontium	86-1	796.86	810.21	802.97	803.35	0.83	ppb
Strontium	88-1	806.95	815.12	824.40	815.49	1.07	ppb
Sulfur	34-1	41031.14	40358.85	40804.68	40731.56	0.84	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	513.82	529.82	522.29	521.98	1.53	ppb
Thallium	205-1	520.81	530.59	527.38	526.26	0.95	ppb
Tin	118-1	1021.89	1016.84	1029.55	1022.76	0.63	ppb
Titanium	47-1	1055.01	1051.85	1047.26	1051.38	0.37	ppb
Uranium	238-1	510.42	519.00	519.67	516.36	1.00	ppb
Vanadium	51-2	549.47	554.95	549.41	551.28	0.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1145.77	1168.05	1156.01	1156.61	0.96	ppb
Zirconium	90-1	515.30	518.60	519.12	517.67	0.40	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:35:43	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.36	497.47	498.70	496.85	0.45	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSDRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:39:07	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9884.54	9969.39	9728.05	9860.66	1.24	ppb
Antimony	121-1	520.35	522.49	519.93	520.92	0.26	ppb
Arsenic	75-2	544.92	546.33	551.60	547.62	0.64	ppb
Barium	135-1	2704.63	2715.78	2692.82	2704.41	0.42	ppb
Barium	137-1	2696.48	2750.37	2682.69	2709.85	1.32	ppb
Beryllium	9-1	534.03	532.92	534.13	533.69	0.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1135.64	1163.08	1154.33	1151.02	1.22	ppb
Boron	11-1	1129.37	1132.26	1142.33	1134.65	0.60	ppb
Cadmium	111-1	496.38	503.61	503.48	501.16	0.83	ppb
Cadmium	106-1	498.62	506.07	488.84	497.84	1.74	ppb
Cadmium	108-1	504.93	506.41	500.06	503.80	0.66	ppb
Calcium	43-1	207195.06	205593.99	209577.46	207455.50	0.97	ppb
Calcium	44-1	207116.10	206695.75	207838.07	207216.64	0.28	ppb
Chromium	52-2	570.77	568.35	570.18	569.76	0.22	ppb
Cobalt	59-2	569.98	570.51	570.71	570.40	0.07	ppb
Copper	63-2	1182.50	1185.06	1181.67	1183.07	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29001.21	28955.62	28909.95	28955.59	0.16	ppb
Iron	57-2	27888.35	27871.52	27764.03	27841.30	0.24	ppb
Lead	206-1	567.21	559.13	572.41	566.25	1.18	ppb
Lead	207-1	489.96	481.62	498.97	490.18	1.77	ppb
Lead	208-1	537.39	529.72	545.92	537.68	1.51	ppb
Lithium	6-1						%
Magnesium	24-2	92937.27	93269.95	92688.95	92965.39	0.31	ppb
Manganese	55-2	1137.39	1135.41	1130.85	1134.55	0.30	ppb

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSDRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:39:07	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	701.19	697.54	702.42	700.38	0.36	ppb
Molybdenum	95-1	1125.44	1106.29	1111.62	1114.45	0.89	ppb
Molybdenum	96-1	1024.01	1021.87	1019.61	1021.83	0.22	ppb
Molybdenum	97-1	1091.74	1090.44	1095.70	1092.62	0.25	ppb
Molybdenum	98-1	1110.07	1115.15	1109.45	1111.56	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	584.83	587.66	586.26	586.25	0.24	ppb
Phosphorus	31-2	-1.91	26.43	10.79	11.77	120.65	ppb
Potassium	39-2	26781.36	26928.86	26492.49	26734.24	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	527.88	513.23	519.08	520.07	1.42	ppb
Selenium	78-2	542.30	523.96	530.05	532.10	1.76	ppb
Selenium	82-1	544.24	545.72	546.43	545.46	0.20	ppb
Silicon	28-1	6870.71	6803.84	6957.57	6877.38	1.12	ppb
Silver	109-1	237.92	240.17	237.97	238.69	0.54	ppb
Silver	107-1	237.98	240.07	237.66	238.57	0.55	ppb
Sodium	23-2	65826.06	66659.82	65294.57	65926.81	1.04	ppb
Strontium	86-1	803.85	809.93	802.69	805.49	0.48	ppb
Strontium	88-1	821.22	824.92	814.31	820.15	0.66	ppb
Sulfur	34-1	40758.52	40295.86	40907.17	40653.85	0.78	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	530.63	523.54	535.52	529.90	1.14	ppb
Thallium	205-1	536.77	521.75	539.73	532.75	1.81	ppb
Tin	118-1	1023.22	1043.69	1032.09	1033.00	0.99	ppb
Titanium	47-1	1054.02	1055.85	1060.88	1056.92	0.34	ppb
Uranium	238-1	515.18	520.55	530.80	522.18	1.52	ppb
Vanadium	51-2	555.68	553.97	554.17	554.61	0.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1161.02	1156.65	1158.59	1158.75	0.19	ppb
Zirconium	90-1	520.60	519.36	520.54	520.17	0.13	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSDRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:39:07	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.87	500.67	501.31	500.29	0.25	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01ARE	Instrumnet Name :	P7
Client Sample ID :	RD-2ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:42:32	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9850.59	9854.96	9825.43	9843.66	0.16	ppb
Antimony	121-1	523.17	522.70	525.96	523.94	0.34	ppb
Arsenic	75-2	553.25	555.75	549.19	552.73	0.60	ppb
Barium	135-1	2697.49	2721.02	2716.52	2711.68	0.46	ppb
Barium	137-1	2703.35	2734.00	2723.61	2720.32	0.57	ppb
Beryllium	9-1	541.98	542.56	541.67	542.07	0.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1172.69	1182.88	1181.69	1179.09	0.47	ppb
Boron	11-1	1150.47	1158.42	1164.00	1157.63	0.59	ppb
Cadmium	111-1	500.99	500.15	502.17	501.10	0.20	ppb
Cadmium	106-1	495.27	496.41	501.66	497.78	0.68	ppb
Cadmium	108-1	509.05	504.94	512.66	508.89	0.76	ppb
Calcium	43-1	207532.30	203489.41	207043.09	206021.60	1.07	ppb
Calcium	44-1	208475.76	205172.86	208797.00	207481.87	0.97	ppb
Chromium	52-2	571.73	568.25	569.34	569.78	0.31	ppb
Cobalt	59-2	574.04	569.07	574.73	572.61	0.54	ppb
Copper	63-2	1190.91	1183.60	1185.33	1186.62	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	29267.84	28895.49	28890.64	29017.99	0.75	ppb
Iron	57-2	28027.65	27847.01	27802.07	27892.24	0.43	ppb
Lead	206-1	565.78	566.13	578.35	570.09	1.26	ppb
Lead	207-1	493.16	491.53	500.20	494.97	0.93	ppb
Lead	208-1	536.86	536.49	547.54	540.30	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	94281.53	93250.59	93179.50	93570.54	0.66	ppb
Manganese	55-2	1141.95	1137.47	1139.71	1139.71	0.20	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01ARE	Instrumnet Name :	P7
Client Sample ID :	RD-2ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:42:32	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	696.86	686.87	704.73	696.15	1.29	ppb
Molybdenum	95-1	1119.37	1098.02	1115.48	1110.96	1.02	ppb
Molybdenum	96-1	1016.59	1015.46	1021.58	1017.88	0.32	ppb
Molybdenum	97-1	1091.75	1084.94	1091.52	1089.40	0.36	ppb
Molybdenum	98-1	1105.87	1098.31	1114.59	1106.26	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	590.44	582.28	585.42	586.05	0.70	ppb
Phosphorus	31-2	9.21	5.64	8.84	7.90	24.87	ppb
Potassium	39-2	27004.04	26827.98	26704.28	26845.43	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	542.71	547.32	520.41	536.81	2.68	ppb
Selenium	78-2	549.69	537.26	535.99	540.98	1.40	ppb
Selenium	82-1	548.18	539.46	547.48	545.04	0.89	ppb
Silicon	28-1	6924.98	6730.38	6834.24	6829.86	1.43	ppb
Silver	109-1	241.56	240.33	241.46	241.12	0.28	ppb
Silver	107-1	240.80	240.09	240.97	240.62	0.19	ppb
Sodium	23-2	66025.78	65937.72	65436.55	65800.02	0.48	ppb
Strontium	86-1	810.62	803.07	804.37	806.02	0.50	ppb
Strontium	88-1	823.51	823.91	817.12	821.51	0.46	ppb
Sulfur	34-1	40729.34	39709.63	40383.34	40274.10	1.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	523.99	524.79	537.85	528.88	1.47	ppb
Thallium	205-1	533.23	534.98	541.90	536.70	0.85	ppb
Tin	118-1	1028.40	1028.46	1034.52	1030.46	0.34	ppb
Titanium	47-1	1057.73	1053.21	1058.52	1056.48	0.27	ppb
Uranium	238-1	523.22	518.52	527.96	523.23	0.90	ppb
Vanadium	51-2	558.17	551.90	556.91	555.66	0.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1172.91	1162.65	1169.94	1168.50	0.45	ppb
Zirconium	90-1	524.73	519.65	517.62	520.66	0.70	ppb

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01ARE	Instrumnet Name :	P7
Client Sample ID :	RD-2ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:42:32	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.60	496.35	499.77	499.91	0.73	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:45:56	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9215.14	9127.76	9196.65	9179.85	0.50	ppb
Antimony	121-1	490.46	477.12	488.38	485.32	1.48	ppb
Arsenic	75-2	510.78	506.91	511.15	509.61	0.46	ppb
Barium	135-1	2477.49	2451.35	2506.48	2478.44	1.11	ppb
Barium	137-1	2475.55	2439.30	2522.55	2479.13	1.68	ppb
Beryllium	9-1	521.00	509.71	513.58	514.76	1.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	540.20	527.12	538.11	535.14	1.31	ppb
Boron	11-1	537.78	531.88	542.75	537.47	1.01	ppb
Cadmium	111-1	490.68	482.19	496.04	489.64	1.43	ppb
Cadmium	106-1	490.70	483.46	496.47	490.21	1.33	ppb
Cadmium	108-1	493.60	482.97	498.98	491.85	1.66	ppb
Calcium	43-1	46239.14	46275.18	46311.65	46275.32	0.08	ppb
Calcium	44-1	47814.25	48126.65	48056.72	47999.20	0.34	ppb
Chromium	52-2	522.01	518.72	520.46	520.40	0.32	ppb
Cobalt	59-2	528.98	525.35	524.85	526.39	0.43	ppb
Copper	63-2	1055.06	1042.72	1052.96	1050.25	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25944.64	25835.80	25787.67	25856.03	0.31	ppb
Iron	57-2	24943.21	24770.81	24675.87	24796.63	0.55	ppb
Lead	206-1	500.43	501.14	497.61	499.73	0.37	ppb
Lead	207-1	467.39	470.95	472.69	470.34	0.57	ppb
Lead	208-1	493.13	493.21	494.11	493.48	0.11	ppb
Lithium	6-1						%
Magnesium	24-2	49885.16	49818.75	50305.49	50003.13	0.53	ppb
Manganese	55-2	1003.27	994.26	998.49	998.67	0.45	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:45:56	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	498.82	492.54	495.99	495.78	0.63	ppb
Molybdenum	95-1	486.20	477.10	486.40	483.24	1.10	ppb
Molybdenum	96-1	475.64	470.41	477.72	474.59	0.79	ppb
Molybdenum	97-1	494.28	488.35	495.49	492.70	0.78	ppb
Molybdenum	98-1	509.13	496.41	504.72	503.42	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.11	533.78	533.35	534.75	0.38	ppb
Phosphorus	31-2	9863.94	9872.36	9938.59	9891.63	0.41	ppb
Potassium	39-2	24337.88	24122.64	24175.56	24212.02	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	507.48	498.17	499.34	501.67	1.01	ppb
Selenium	78-2	498.86	485.42	500.22	494.83	1.65	ppb
Selenium	82-1	497.23	498.66	499.24	498.38	0.21	ppb
Silicon	28-1	485.77	490.96	632.44	536.39	15.51	ppb
Silver	109-1	498.58	498.96	509.32	502.29	1.21	ppb
Silver	107-1	498.93	496.24	508.09	501.09	1.24	ppb
Sodium	23-2	50539.69	49808.15	50486.91	50278.25	0.81	ppb
Strontium	86-1	487.99	485.88	489.84	487.90	0.41	ppb
Strontium	88-1	497.18	491.09	499.62	495.96	0.89	ppb
Sulfur	34-1	10066.53	10040.96	10160.06	10089.19	0.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	495.40	494.71	490.68	493.60	0.52	ppb
Thallium	205-1	494.99	501.47	495.82	497.42	0.71	ppb
Tin	118-1	501.78	487.11	500.97	496.62	1.66	ppb
Titanium	47-1	493.97	492.83	492.76	493.19	0.14	ppb
Uranium	238-1	483.43	483.00	483.38	483.27	0.05	ppb
Vanadium	51-2	517.00	511.56	513.99	514.19	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1065.29	1056.48	1057.84	1059.87	0.45	ppb
Zirconium	90-1	491.81	496.06	497.44	495.10	0.59	ppb

Reviewed By:jaswal
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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:45:56	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	474.14	471.14	480.35	475.21	0.99	ppb

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:53:52	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.09	0.47	0.28	67.18	ppb
Antimony	121-1	0.20	0.42	0.64	0.42	51.85	ppb
Arsenic	75-2	0.17	0.11	0.15	0.15	20.42	ppb
Barium	135-1	0.01	0.02	0.01	0.01	38.87	ppb
Barium	137-1	0.03	0.00	0.01	0.01	105.41	ppb
Beryllium	9-1	0.08	0.08	0.11	0.09	16.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.52	11.57	13.38	12.49	7.22	ppb
Boron	11-1	11.59	11.06	11.77	11.48	3.20	ppb
Cadmium	111-1	0.00	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-1.48	-2.66	-1.53	-1.89		ppb
Cadmium	108-1	0.00	0.03	0.03	0.02	89.55	ppb
Calcium	43-1	2.34	1.98	-0.45	1.29	117.70	ppb
Calcium	44-1	-2.62	-3.53	-2.83	-2.99		ppb
Chromium	52-2	0.01	0.00	0.01	0.00	172.63	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	1.14	1.22	1.20	1.19	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.14	0.25	0.36	0.25	44.51	ppb
Iron	57-2	0.22	0.33	-0.21	0.11	253.24	ppb
Lead	206-1	0.08	0.11	0.11	0.10	15.22	ppb
Lead	207-1	0.09	0.09	0.08	0.08	7.30	ppb
Lead	208-1	0.09	0.09	0.09	0.09	3.65	ppb
Lithium	6-1						%
Magnesium	24-2	0.63	0.35	0.99	0.66	48.61	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:53:52	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.08	0.05	53.11	ppb
Molybdenum	95-1	0.12	0.16	0.26	0.18	40.68	ppb
Molybdenum	96-1	0.09	0.16	0.18	0.14	34.81	ppb
Molybdenum	97-1	0.11	0.14	0.26	0.17	44.53	ppb
Molybdenum	98-1	0.12	0.16	0.25	0.18	36.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-10.98	-13.73	-17.25	-13.99		ppb
Potassium	39-2	13.71	15.33	13.69	14.24	6.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.32	0.32	0.64	0.43	43.29	ppb
Selenium	78-2	-0.25	0.24	-0.25	-0.09		ppb
Selenium	82-1	0.39	0.64	-0.17	0.28	145.87	ppb
Silicon	28-1	-6.13	-7.51	-5.91	-6.52		ppb
Silver	109-1	0.03	0.04	0.04	0.04	3.68	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.07	ppb
Sodium	23-2	16.60	14.73	15.16	15.50	6.34	ppb
Strontium	86-1	0.02	0.06	-0.07	0.00	2100.61	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	22.94	ppb
Sulfur	34-1	-197.65	-206.31	27.07	-125.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	17.51	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	13.04	ppb
Tin	118-1	0.07	0.06	0.09	0.07	19.38	ppb
Titanium	47-1	0.00	0.00	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	126.47	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	5.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.24	0.17	0.20	16.16	ppb
Zirconium	90-1	-0.02	0.00	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:53:52	DataFile Name :	085CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.00	0.01	245.66	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 17:57:22	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	477.01	499.78	486.55	487.78	2.34	ppb
Antimony	121-1	24.76	24.85	24.87	24.83	0.24	ppb
Arsenic	75-2	27.42	27.06	26.87	27.11	1.04	ppb
Barium	135-1	125.77	123.62	123.45	124.28	1.04	ppb
Barium	137-1	126.57	124.78	124.88	125.41	0.80	ppb
Beryllium	9-1	26.62	26.56	27.10	26.76	1.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	62.81	64.75	61.01	62.86	2.98	ppb
Boron	11-1	60.82	62.24	62.10	61.72	1.27	ppb
Cadmium	111-1	25.70	25.54	25.59	25.61	0.32	ppb
Cadmium	106-1	24.36	25.18	24.39	24.64	1.89	ppb
Cadmium	108-1	26.41	24.77	24.29	25.16	4.43	ppb
Calcium	43-1	2883.57	2772.72	2774.78	2810.36	2.26	ppb
Calcium	44-1	2873.56	2819.85	2871.25	2854.89	1.06	ppb
Chromium	52-2	27.18	27.19	27.27	27.21	0.18	ppb
Cobalt	59-2	27.09	27.30	27.16	27.18	0.39	ppb
Copper	63-2	57.42	57.99	56.47	57.29	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1401.07	1405.26	1394.12	1400.15	0.40	ppb
Iron	57-2	1379.76	1406.55	1371.27	1385.86	1.33	ppb
Lead	206-1	25.63	26.10	25.84	25.85	0.92	ppb
Lead	207-1	23.57	24.01	23.65	23.74	0.99	ppb
Lead	208-1	24.79	25.20	24.80	24.93	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	2678.22	2700.34	2669.99	2682.85	0.58	ppb
Manganese	55-2	59.74	59.71	59.32	59.59	0.40	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 17:57:22	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	31.52	31.33	31.58	31.47	0.41	ppb
Molybdenum	95-1	49.75	49.81	49.03	49.53	0.88	ppb
Molybdenum	96-1	44.30	44.45	44.16	44.30	0.32	ppb
Molybdenum	97-1	50.66	50.40	50.42	50.50	0.29	ppb
Molybdenum	98-1	49.05	48.98	49.40	49.15	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.85	28.39	28.32	28.52	1.01	ppb
Phosphorus	31-2	-8.16	0.51	-0.09	-2.58		ppb
Potassium	39-2	1434.43	1425.89	1411.61	1423.98	0.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	27.16	27.61	24.84	26.54	5.59	ppb
Selenium	78-2	26.23	28.35	24.67	26.42	7.00	ppb
Selenium	82-1	25.68	27.01	27.44	26.71	3.42	ppb
Silicon	28-1	217.16	214.92	216.44	216.18	0.53	ppb
Silver	109-1	11.47	11.33	11.41	11.40	0.61	ppb
Silver	107-1	11.45	11.35	11.39	11.40	0.42	ppb
Sodium	23-2	2793.92	2796.71	2771.25	2787.29	0.50	ppb
Strontium	86-1	27.77	28.00	27.61	27.79	0.70	ppb
Strontium	88-1	27.30	27.58	27.22	27.37	0.69	ppb
Sulfur	34-1	224.29	69.00	131.45	141.58	55.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	24.11	24.17	24.04	24.11	0.26	ppb
Thallium	205-1	24.56	24.56	24.49	24.54	0.15	ppb
Tin	118-1	49.57	49.00	49.32	49.30	0.57	ppb
Titanium	47-1	50.22	51.43	51.38	51.01	1.34	ppb
Uranium	238-1	21.90	22.38	21.84	22.04	1.34	ppb
Vanadium	51-2	26.11	26.18	26.24	26.18	0.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	56.08	56.28	55.45	55.94	0.78	ppb
Zirconium	90-1	23.83	23.91	23.79	23.84	0.25	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 17:57:22	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	23.94	23.58	23.67	23.73	0.79	ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:00:51	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.67	0.67	0.56	32.59	ppb
Antimony	121-1	-0.23	-0.18	-0.16	-0.19		ppb
Arsenic	75-2	0.08	0.09	0.18	0.12	46.73	ppb
Barium	135-1	0.18	0.15	0.18	0.17	9.44	ppb
Barium	137-1	0.19	0.21	0.19	0.20	6.04	ppb
Beryllium	9-1	0.03	0.09	0.05	0.06	49.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.46	7.85	7.31	7.87	7.27	ppb
Boron	11-1	8.14	8.02	8.01	8.05	0.89	ppb
Cadmium	111-1	0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-0.79	-1.68	-1.52	-1.33		ppb
Cadmium	108-1	-0.09	-0.06	-0.04	-0.06		ppb
Calcium	43-1	468.13	450.98	458.82	459.31	1.87	ppb
Calcium	44-1	468.31	468.95	468.34	468.53	0.08	ppb
Chromium	52-2	0.01	0.03	0.03	0.02	47.72	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	1.87	1.76	1.78	1.80	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.34	0.34	0.30	0.33	7.57	ppb
Iron	57-2	0.05	-0.01	0.18	0.07	134.81	ppb
Lead	206-1	0.02	0.02	0.02	0.02	11.86	ppb
Lead	207-1	0.02	0.01	0.00	0.01	67.00	ppb
Lead	208-1	0.02	0.02	0.01	0.02	27.38	ppb
Lithium	6-1						%
Magnesium	24-2	18.91	18.12	16.89	17.97	5.68	ppb
Manganese	55-2	1.39	1.42	1.44	1.42	1.50	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:00:51	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.07	0.05	33.56	ppb
Molybdenum	95-1	0.07	0.16	0.16	0.13	40.04	ppb
Molybdenum	96-1	0.05	0.07	0.14	0.09	52.16	ppb
Molybdenum	97-1	0.08	0.11	0.14	0.11	24.68	ppb
Molybdenum	98-1	0.07	0.15	0.19	0.13	45.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	-0.03	0.01	337.34	ppb
Phosphorus	31-2	0.11	-15.74	-24.13	-13.26		ppb
Potassium	39-2	222.72	227.21	228.93	226.29	1.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.96	0.32	0.43	114.21	ppb
Selenium	78-2	-0.18	-0.13	-0.42	-0.24		ppb
Selenium	82-1	0.02	0.72	0.96	0.57	86.07	ppb
Silicon	28-1	135.31	137.57	139.48	137.45	1.52	ppb
Silver	109-1	0.06	0.06	0.07	0.07	5.30	ppb
Silver	107-1	0.06	0.06	0.07	0.06	3.38	ppb
Sodium	23-2	245.61	245.81	242.06	244.50	0.86	ppb
Strontium	86-1	2.23	2.46	2.38	2.36	4.99	ppb
Strontium	88-1	2.29	2.27	2.28	2.28	0.50	ppb
Sulfur	34-1	189.85	327.48	326.88	281.40	28.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.01	0.01	0.01	68.90	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.01	ppb
Tin	118-1	0.04	0.05	0.07	0.05	31.00	ppb
Titanium	47-1	0.03	0.08	0.06	0.06	45.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.05	0.04	0.04	14.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.52	0.57	0.50	0.53	6.97	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	46.29	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:00:51	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:04:21	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.66	0.35	0.43	46.52	ppb
Antimony	121-1	-0.27	-0.25	-0.24	-0.25		ppb
Arsenic	75-2	0.07	0.08	0.10	0.08	18.95	ppb
Barium	135-1	0.15	0.14	0.19	0.16	17.82	ppb
Barium	137-1	0.16	0.15	0.15	0.15	2.10	ppb
Beryllium	9-1	0.05	0.05	0.03	0.04	20.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.79	5.92	6.58	6.10	6.94	ppb
Boron	11-1	6.31	6.19	6.40	6.30	1.70	ppb
Cadmium	111-1	-0.02	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-2.23	-0.92	-0.56	-1.24		ppb
Cadmium	108-1	-0.06	-0.03	-0.06	-0.05		ppb
Calcium	43-1	463.85	444.18	459.38	455.80	2.26	ppb
Calcium	44-1	460.27	457.88	462.99	460.38	0.56	ppb
Chromium	52-2	0.05	0.07	0.05	0.06	15.69	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.87	1.79	1.84	1.83	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.49	0.46	0.58	0.51	11.36	ppb
Iron	57-2	0.48	1.06	0.83	0.79	37.18	ppb
Lead	206-1	0.01	0.01	0.01	0.01	30.49	ppb
Lead	207-1	0.00	0.00	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00	156.29	ppb
Lithium	6-1						%
Magnesium	24-2	18.50	19.39	17.32	18.40	5.63	ppb
Manganese	55-2	1.36	1.37	1.31	1.35	2.31	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:04:21	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.03	0.01	85.56	ppb
Molybdenum	95-1	0.00	0.02	0.05	0.03	89.53	ppb
Molybdenum	96-1	0.00	0.02	0.03	0.02	101.27	ppb
Molybdenum	97-1	0.01	0.04	0.06	0.03	71.78	ppb
Molybdenum	98-1	0.01	0.03	0.07	0.04	82.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.02	0.03	31.77	ppb
Phosphorus	31-2	-9.57	-3.89	-3.85	-5.77		ppb
Potassium	39-2	225.95	232.32	227.44	228.57	1.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.32	0.96	0.43	114.68	ppb
Selenium	78-2	-1.14	-0.67	0.19	-0.54		ppb
Selenium	82-1	0.41	1.34	0.90	0.88	52.39	ppb
Silicon	28-1	141.72	142.14	143.02	142.30	0.47	ppb
Silver	109-1	0.05	0.06	0.06	0.06	13.12	ppb
Silver	107-1	0.05	0.06	0.06	0.06	10.09	ppb
Sodium	23-2	247.33	247.29	243.10	245.91	0.99	ppb
Strontium	86-1	2.22	2.42	2.24	2.29	4.98	ppb
Strontium	88-1	2.19	2.29	2.24	2.24	2.19	ppb
Sulfur	34-1	207.73	364.80	561.59	378.04	46.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	396.19	ppb
Tin	118-1	0.02	0.04	0.03	0.03	40.03	ppb
Titanium	47-1	0.05	0.05	0.03	0.04	26.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	9.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.48	0.48	0.60	0.52	13.85	ppb
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:04:21	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:07:50	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.80	3.44	3.92	3.72	6.66	ppb
Antimony	121-1	-0.31	-0.28	-0.26	-0.28		ppb
Arsenic	75-2	4.66	4.63	4.79	4.69	1.84	ppb
Barium	135-1	0.71	0.67	0.67	0.68	3.28	ppb
Barium	137-1	0.70	0.74	0.71	0.72	3.20	ppb
Beryllium	9-1	0.03	0.03	0.04	0.04	15.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.61	4.97	4.63	4.74	4.35	ppb
Boron	11-1	5.05	4.76	4.95	4.92	2.99	ppb
Cadmium	111-1	-0.02	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	-1.84	-1.26	-2.04	-1.71		ppb
Cadmium	108-1	-0.06	-0.03	-0.04	-0.04		ppb
Calcium	43-1	3264.33	3329.45	3292.04	3295.27	0.99	ppb
Calcium	44-1	3338.45	3360.30	3326.46	3341.74	0.51	ppb
Chromium	52-2	0.01	-0.01	0.02	0.01	245.61	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	14.04	ppb
Copper	63-2	1.69	1.79	1.78	1.75	3.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	729.85	739.84	738.66	736.12	0.74	ppb
Iron	57-2	726.89	746.88	728.29	734.02	1.52	ppb
Lead	206-1	0.54	0.55	0.54	0.54	0.74	ppb
Lead	207-1	0.52	0.47	0.50	0.49	4.64	ppb
Lead	208-1	0.52	0.51	0.52	0.52	1.22	ppb
Lithium	6-1						%
Magnesium	24-2	323.07	326.64	319.41	323.04	1.12	ppb
Manganese	55-2	205.73	208.12	205.91	206.59	0.64	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:07:50	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.02	0.01	25.31	ppb
Molybdenum	95-1	0.05	0.03	0.08	0.05	48.30	ppb
Molybdenum	96-1	0.01	0.02	0.05	0.03	69.45	ppb
Molybdenum	97-1	0.03	0.05	0.05	0.04	21.73	ppb
Molybdenum	98-1	0.04	0.05	0.07	0.05	26.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.04	0.03	14.66	ppb
Phosphorus	31-2	1.78	-4.47	14.52	3.94	245.43	ppb
Potassium	39-2	443.01	438.76	443.51	441.76	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.32	0.97	0.43	114.74	ppb
Selenium	78-2	-0.84	0.14	-0.01	-0.24		ppb
Selenium	82-1	0.75	0.53	0.57	0.61	19.19	ppb
Silicon	28-1	265.53	271.37	264.23	267.04	1.42	ppb
Silver	109-1	0.05	0.05	0.06	0.05	11.47	ppb
Silver	107-1	0.05	0.04	0.05	0.05	10.39	ppb
Sodium	23-2	317.17	318.47	319.55	318.40	0.37	ppb
Strontium	86-1	13.25	13.06	13.61	13.31	2.11	ppb
Strontium	88-1	13.22	13.08	13.16	13.15	0.54	ppb
Sulfur	34-1	1329.87	1418.13	1319.66	1355.89	3.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.03	0.02	0.02	49.83	ppb
Titanium	47-1	0.19	0.10	0.19	0.16	30.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	14.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.38	0.47	0.33	0.40	17.97	ppb
Zirconium	90-1	-0.01	-0.02	0.00	-0.01		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:07:50	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	-0.02	0.02	0.00		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:11:19	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.49	1.61	1.21	1.43	14.24	ppb
Antimony	121-1	-0.33	-0.32	-0.32	-0.32		ppb
Arsenic	75-2	-0.03	0.02	0.02	0.00	843.96	ppb
Barium	135-1	0.01	0.01	0.01	0.01	35.25	ppb
Barium	137-1	0.00	0.01	0.00	0.00	57.98	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	7.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.74	3.72	3.83	3.76	1.54	ppb
Boron	11-1	3.78	3.87	3.88	3.84	1.50	ppb
Cadmium	111-1	-0.01	-0.02	0.00	-0.01		ppb
Cadmium	106-1	-1.11	-1.39	-0.84	-1.11		ppb
Cadmium	108-1	-0.03	-0.03	-0.06	-0.04		ppb
Calcium	43-1	2.34	4.42	3.38	3.38	30.74	ppb
Calcium	44-1	2.33	0.54	1.46	1.44	61.85	ppb
Chromium	52-2	-0.01	-0.01	0.00	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.13	1.09	1.04	1.08	3.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.88	1.06	0.92	0.95	9.91	ppb
Iron	57-2	0.70	0.75	0.78	0.74	5.28	ppb
Lead	206-1	0.08	0.09	0.09	0.09	6.49	ppb
Lead	207-1	0.06	0.07	0.07	0.07	2.81	ppb
Lead	208-1	0.07	0.06	0.08	0.07	8.63	ppb
Lithium	6-1						%
Magnesium	24-2	0.73	0.99	1.00	0.91	16.66	ppb
Manganese	55-2	0.05	0.04	0.05	0.05	7.51	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:11:19	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.03	-0.03	0.00	-0.02		ppb
Molybdenum	96-1	-0.04	-0.02	0.00	-0.02		ppb
Molybdenum	97-1	-0.04	-0.03	-0.03	-0.03		ppb
Molybdenum	98-1	-0.03	-0.01	0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-15.92	-23.24	-6.97	-15.37		ppb
Potassium	39-2	16.81	15.30	18.56	16.89	9.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.32	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.49	-0.39	-0.68	-0.52		ppb
Selenium	82-1	1.01	0.48	-0.01	0.49	104.03	ppb
Silicon	28-1	23.56	24.10	24.60	24.09	2.16	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.12	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.57	ppb
Sodium	23-2	17.14	17.58	18.16	17.63	2.89	ppb
Strontium	86-1	0.02	-0.01	0.00	0.00	405.79	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	19.47	ppb
Sulfur	34-1	416.22	519.95	456.21	464.13	11.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.01	0.02	0.02	19.24	ppb
Titanium	47-1	0.02	0.05	0.07	0.05	49.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	131.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.54	0.49	0.48	0.50	6.32	ppb
Zirconium	90-1	-0.02	-0.03	-0.02	-0.02		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:11:19	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	-0.03	-0.03	-0.03		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:14:48	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.29	0.35	0.37	25.54	ppb
Antimony	121-1	-0.33	-0.31	-0.30	-0.31		ppb
Arsenic	75-2	0.02	0.03	0.06	0.04	49.38	ppb
Barium	135-1	0.18	0.17	0.15	0.17	7.58	ppb
Barium	137-1	0.15	0.16	0.17	0.16	5.95	ppb
Beryllium	9-1	0.05	0.02	0.04	0.04	38.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.67	3.57	3.19	3.48	7.18	ppb
Boron	11-1	3.11	3.12	2.74	2.99	7.32	ppb
Cadmium	111-1	-0.02	-0.01	-0.01	-0.02		ppb
Cadmium	106-1	-1.89	-1.27	-1.60	-1.59		ppb
Cadmium	108-1	-0.03	-0.03	-0.07	-0.04		ppb
Calcium	43-1	447.77	468.28	471.17	462.40	2.76	ppb
Calcium	44-1	465.29	468.52	476.64	470.15	1.24	ppb
Chromium	52-2	0.02	0.00	0.02	0.01	97.12	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	1.77	1.79	1.78	1.78	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.22	0.29	0.28	0.26	15.08	ppb
Iron	57-2	0.34	0.78	-0.13	0.33	139.08	ppb
Lead	206-1	0.03	0.03	0.01	0.02	52.39	ppb
Lead	207-1	0.02	0.00	0.01	0.01	94.94	ppb
Lead	208-1	0.02	0.02	0.00	0.01	97.12	ppb
Lithium	6-1						%
Magnesium	24-2	17.38	18.02	17.83	17.74	1.83	ppb
Manganese	55-2	1.38	1.40	1.44	1.41	2.42	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:14:48	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.04	0.00	0.00	-0.01		ppb
Molybdenum	96-1	-0.04	-0.03	-0.02	-0.03		ppb
Molybdenum	97-1	-0.04	-0.02	-0.02	-0.03		ppb
Molybdenum	98-1	-0.03	0.00	0.02	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	0.00	-0.01		ppb
Phosphorus	31-2	-14.68	-20.53	-9.67	-14.96		ppb
Potassium	39-2	229.60	219.75	232.75	227.37	2.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.96	0.00	0.00	0.32	173.21	ppb
Selenium	78-2	0.01	0.16	0.57	0.25	115.42	ppb
Selenium	82-1	0.72	0.53	0.92	0.72	27.10	ppb
Silicon	28-1	138.99	139.16	139.32	139.16	0.12	ppb
Silver	109-1	0.04	0.05	0.05	0.05	16.44	ppb
Silver	107-1	0.04	0.05	0.05	0.05	14.06	ppb
Sodium	23-2	243.64	243.76	245.76	244.39	0.49	ppb
Strontium	86-1	2.41	2.24	2.26	2.30	4.14	ppb
Strontium	88-1	2.29	2.25	2.26	2.27	1.04	ppb
Sulfur	34-1	773.97	767.40	767.11	769.49	0.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.02	0.01	0.01	0.01	92.56	ppb
Titanium	47-1	0.08	0.05	0.10	0.07	30.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	8.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.28	0.34	0.31	8.91	ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:14:48	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:18:18	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.60	0.41	0.54	20.53	ppb
Antimony	121-1	-0.33	-0.33	-0.31	-0.33		ppb
Arsenic	75-2	4.76	4.47	4.34	4.52	4.79	ppb
Barium	135-1	0.76	0.74	0.71	0.74	3.91	ppb
Barium	137-1	0.71	0.73	0.72	0.72	1.57	ppb
Beryllium	9-1	0.06	0.04	0.03	0.04	37.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.52	3.10	2.95	3.19	9.27	ppb
Boron	11-1	3.23	3.46	3.29	3.32	3.51	ppb
Cadmium	111-1	0.00	-0.03	-0.01	-0.01		ppb
Cadmium	106-1	-0.79	-1.95	-0.98	-1.24		ppb
Cadmium	108-1	-0.04	0.00	-0.01	-0.02		ppb
Calcium	43-1	3679.06	3639.75	3567.05	3628.62	1.57	ppb
Calcium	44-1	3727.09	3711.41	3700.28	3712.93	0.36	ppb
Chromium	52-2	0.14	0.12	0.07	0.11	32.05	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	19.92	ppb
Copper	63-2	1.77	1.79	1.84	1.80	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	729.88	727.72	723.85	727.15	0.42	ppb
Iron	57-2	720.35	724.90	721.50	722.25	0.33	ppb
Lead	206-1	0.40	0.38	0.39	0.39	2.27	ppb
Lead	207-1	0.35	0.37	0.35	0.35	2.60	ppb
Lead	208-1	0.37	0.36	0.35	0.36	2.73	ppb
Lithium	6-1						%
Magnesium	24-2	360.84	360.57	363.65	361.69	0.47	ppb
Manganese	55-2	229.67	227.51	229.76	228.98	0.56	ppb

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:18:18	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	16.36	ppb
Molybdenum	95-1	0.02	0.04	0.05	0.04	34.67	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	12.11	ppb
Molybdenum	97-1	0.02	0.00	0.05	0.02	114.30	ppb
Molybdenum	98-1	0.03	0.04	0.05	0.04	36.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.11	0.06	0.08	29.89	ppb
Phosphorus	31-2	-9.59	10.63	1.08	0.71	1431.60	ppb
Potassium	39-2	488.76	487.31	491.61	489.22	0.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.97	0.32	173.21	ppb
Selenium	78-2	0.17	-0.42	-0.21	-0.15		ppb
Selenium	82-1	-0.25	-0.65	0.70	-0.07		ppb
Silicon	28-1	290.29	288.70	289.41	289.47	0.28	ppb
Silver	109-1	0.05	0.05	0.05	0.05	1.14	ppb
Silver	107-1	0.05	0.05	0.05	0.05	5.83	ppb
Sodium	23-2	359.38	356.92	353.89	356.73	0.77	ppb
Strontium	86-1	14.92	14.57	14.64	14.71	1.26	ppb
Strontium	88-1	14.68	14.64	14.83	14.71	0.67	ppb
Sulfur	34-1	1801.22	1975.56	1893.00	1889.93	4.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.00	0.00	0.01	98.70	ppb
Titanium	47-1	0.06	0.06	0.12	0.08	39.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	6.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.40	0.51	0.55	0.49	16.33	ppb
Zirconium	90-1	-0.02	-0.01	-0.02	-0.02		ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:18:18	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:21:48	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.34	0.22	0.34	37.34	ppb
Antimony	121-1	-0.36	-0.35	-0.34	-0.35		ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.00	0.01	0.00	0.00	189.40	ppb
Barium	137-1	0.00	0.00	0.00	0.00	16.44	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	30.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.32	2.44	2.30	2.35	3.19	ppb
Boron	11-1	2.13	2.38	2.44	2.31	7.01	ppb
Cadmium	111-1	-0.01	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-1.48	-1.85	-1.19	-1.51		ppb
Cadmium	108-1	-0.07	-0.03	-0.01	-0.04		ppb
Calcium	43-1	3.85	3.80	2.37	3.34	25.08	ppb
Calcium	44-1	-0.11	0.16	0.68	0.24	167.81	ppb
Chromium	52-2	-0.01	-0.04	-0.03	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.98	1.03	1.04	1.02	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.13	0.16	0.18	0.16	13.87	ppb
Iron	57-2	-0.57	-0.75	0.20	-0.37		ppb
Lead	206-1	0.06	0.06	0.05	0.06	11.11	ppb
Lead	207-1	0.06	0.04	0.07	0.06	25.96	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.07	ppb
Lithium	6-1						%
Magnesium	24-2	0.41	1.05	0.43	0.63	57.27	ppb
Manganese	55-2	0.03	0.02	0.03	0.03	32.55	ppb

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:21:48	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	95-1	-0.05	-0.05	-0.02	-0.04		ppb
Molybdenum	96-1	-0.05	-0.04	-0.03	-0.04		ppb
Molybdenum	97-1	-0.06	-0.06	-0.03	-0.05		ppb
Molybdenum	98-1	-0.04	-0.03	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-7.55	-13.67	-1.88	-7.70		ppb
Potassium	39-2	18.18	18.04	21.17	19.13	9.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.39	-0.31	-0.26		ppb
Selenium	82-1	-0.32	1.44	0.61	0.58	152.15	ppb
Silicon	28-1	25.09	26.89	26.32	26.10	3.52	ppb
Silver	109-1	0.02	0.02	0.02	0.02	19.62	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.05	ppb
Sodium	23-2	10.95	11.42	11.00	11.12	2.31	ppb
Strontium	86-1	0.00	0.08	0.01	0.03	159.58	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	18.55	ppb
Sulfur	34-1	625.13	821.67	730.76	725.85	13.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.05	3.08	0.05	1.06	164.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	30.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.29	0.32	0.33	0.31	6.77	ppb
Zirconium	90-1	-0.03	-0.02	-0.02	-0.02		ppb

Reviewed By:jaswal
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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:21:48	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	-0.01	-0.01	-0.02		ppb

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:25:18	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9417.80	9449.13	9510.20	9459.04	0.50	ppb
Antimony	121-1	497.75	502.96	499.81	500.17	0.52	ppb
Arsenic	75-2	513.61	511.96	517.19	514.26	0.52	ppb
Barium	135-1	2492.48	2498.28	2491.93	2494.23	0.14	ppb
Barium	137-1	2483.12	2514.99	2507.37	2501.83	0.67	ppb
Beryllium	9-1	502.04	512.37	507.45	507.29	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	480.25	493.58	487.69	487.18	1.37	ppb
Boron	11-1	479.22	496.15	501.44	492.27	2.36	ppb
Cadmium	111-1	496.19	503.89	501.05	500.38	0.78	ppb
Cadmium	106-1	504.57	506.03	507.20	505.93	0.26	ppb
Cadmium	108-1	500.27	506.22	508.70	505.06	0.86	ppb
Calcium	43-1	45488.08	46697.56	46446.01	46210.55	1.38	ppb
Calcium	44-1	47798.95	48422.49	48316.75	48179.40	0.69	ppb
Chromium	52-2	509.89	515.40	516.41	513.90	0.68	ppb
Cobalt	59-2	514.91	515.27	518.18	516.12	0.35	ppb
Copper	63-2	1019.64	1026.61	1033.01	1026.42	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25460.34	25515.28	25693.92	25556.51	0.48	ppb
Iron	57-2	24509.80	24553.43	24709.42	24590.88	0.43	ppb
Lead	206-1	499.76	504.69	475.91	493.45	3.12	ppb
Lead	207-1	465.32	468.73	469.95	468.00	0.51	ppb
Lead	208-1	490.48	492.65	486.70	489.95	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	50493.57	50499.98	50309.93	50434.49	0.21	ppb
Manganese	55-2	991.04	994.83	999.83	995.23	0.44	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:25:18	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.25	499.82	499.84	498.97	0.30	ppb
Molybdenum	95-1	482.65	490.80	486.61	486.68	0.84	ppb
Molybdenum	96-1	471.62	477.14	478.41	475.73	0.76	ppb
Molybdenum	97-1	486.71	492.21	496.90	491.94	1.04	ppb
Molybdenum	98-1	498.77	507.47	502.56	502.93	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.25	522.31	526.21	522.93	0.58	ppb
Phosphorus	31-2	10206.04	10092.47	10027.67	10108.73	0.89	ppb
Potassium	39-2	24722.97	24537.89	24628.58	24629.81	0.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	502.58	527.43	475.09	501.70	5.22	ppb
Selenium	78-2	509.18	510.58	521.82	513.86	1.35	ppb
Selenium	82-1	497.61	507.14	504.73	503.16	0.98	ppb
Silicon	28-1	489.04	501.21	501.84	497.36	1.45	ppb
Silver	109-1	509.34	513.98	507.67	510.33	0.64	ppb
Silver	107-1	508.39	515.32	508.77	510.83	0.76	ppb
Sodium	23-2	50352.42	50492.25	50524.58	50456.42	0.18	ppb
Strontium	86-1	489.32	497.05	494.52	493.63	0.80	ppb
Strontium	88-1	495.18	506.02	505.70	502.30	1.23	ppb
Sulfur	34-1	10747.31	10986.47	10879.94	10871.24	1.10	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.29	502.64	508.24	502.73	1.09	ppb
Thallium	205-1	499.30	498.79	504.88	500.99	0.67	ppb
Tin	118-1	498.19	507.75	506.01	503.98	1.01	ppb
Titanium	47-1	488.21	499.32	501.38	496.30	1.43	ppb
Uranium	238-1	475.18	474.06	476.85	475.37	0.29	ppb
Vanadium	51-2	507.63	510.65	511.09	509.79	0.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1048.59	1048.54	1056.29	1051.14	0.42	ppb
Zirconium	90-1	497.62	502.06	504.07	501.25	0.66	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:25:18	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	474.11	481.31	484.68	480.04	1.12	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:28:43	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.47	0.72	0.45	63.49	ppb
Antimony	121-1	1.13	1.38	1.67	1.39	19.57	ppb
Arsenic	75-2	0.46	0.48	0.51	0.48	5.74	ppb
Barium	135-1	0.11	0.09	0.07	0.09	21.49	ppb
Barium	137-1	0.08	0.09	0.08	0.08	4.08	ppb
Beryllium	9-1	0.09	0.09	0.10	0.09	4.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.48	9.90	9.40	9.59	2.78	ppb
Boron	11-1	10.02	8.85	8.73	9.20	7.77	ppb
Cadmium	111-1	0.02	0.01	0.01	0.01	37.78	ppb
Cadmium	106-1	-0.98	-0.88	-1.43	-1.10		ppb
Cadmium	108-1	0.06	-0.03	-0.04	0.00		ppb
Calcium	43-1	1.32	0.10	1.67	1.03	80.11	ppb
Calcium	44-1	-2.36	-3.12	-2.85	-2.78		ppb
Chromium	52-2	0.00	0.00	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	93.57	ppb
Copper	63-2	0.80	0.75	0.81	0.79	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.15	1.20	1.20	1.18	2.17	ppb
Iron	57-2	0.39	1.52	0.69	0.87	67.97	ppb
Lead	206-1	0.16	0.16	0.14	0.15	5.26	ppb
Lead	207-1	0.13	0.11	0.12	0.12	11.36	ppb
Lead	208-1	0.15	0.13	0.12	0.13	8.36	ppb
Lithium	6-1						%
Magnesium	24-2	1.26	0.41	0.67	0.78	55.79	ppb
Manganese	55-2	0.03	0.01	0.02	0.02	43.97	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:28:43	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.21	0.26	0.20	29.68	ppb
Molybdenum	95-1	0.46	0.58	0.77	0.60	25.60	ppb
Molybdenum	96-1	0.35	0.50	0.66	0.51	30.72	ppb
Molybdenum	97-1	0.41	0.63	0.77	0.60	29.77	ppb
Molybdenum	98-1	0.45	0.58	0.80	0.61	28.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-16.11	-19.72	-17.26	-17.70		ppb
Potassium	39-2	13.42	13.55	15.10	14.02	6.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.32	1.28	0.32	0.64	86.48	ppb
Selenium	78-2	0.08	1.02	0.65	0.59	80.69	ppb
Selenium	82-1	0.47	-0.36	1.38	0.50	175.03	ppb
Silicon	28-1	-5.47	-5.34	-5.87	-5.56		ppb
Silver	109-1	0.04	0.04	0.03	0.04	11.72	ppb
Silver	107-1	0.04	0.04	0.03	0.04	15.32	ppb
Sodium	23-2	13.45	13.86	13.18	13.50	2.55	ppb
Strontium	86-1	-0.08	0.04	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	10.92	ppb
Sulfur	34-1	242.19	254.21	287.73	261.38	9.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.06	0.05	0.06	12.99	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	13.03	ppb
Tin	118-1	0.23	0.24	0.30	0.26	15.47	ppb
Titanium	47-1	-0.01	0.00	0.03	0.01	289.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.26	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	39.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	0.17	0.22	0.16	39.03	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	16.88	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:28:43	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.04	0.03	54.38	ppb

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:08:50	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	42	25	42	40.00	cps
Antimony	121-1	5968	6669	7427	6688	10.91	cps
Arsenic	75-2	41	37	37	38	5.58	cps
Barium	135-1	117	83	67	89	28.64	cps
Barium	137-1	167	108	117	131	24.17	cps
Beryllium	9-1	117	117	89	107	14.93	cps
Bismuth	209-1	13754026	13699105	13519414	13657515	0.90	cps
Bismuth	209-2	7499672	7491126	7547405	7512734	0.40	cps
Boron	10-1	442	375	358	392	11.26	cps
Boron	11-1	1734	1825	1784	1781	2.58	cps
Cadmium	111-1	585	548	556	563	3.50	cps
Cadmium	106-1	5768	5643	5601	5671	1.53	cps
Cadmium	108-1	25	33	29	29	14.28	cps
Calcium	43-1	283	308	383	325	16.01	cps
Calcium	44-1	14141	13657	13982	13927	1.77	cps
Chromium	52-2	1410	1430	1453	1431	1.52	cps
Cobalt	59-2	183	190	200	191	4.39	cps
Copper	63-2	5148	4901	4681	4910	4.76	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	0	20	7	173.21	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	30	17	30	26	30.11	cps
Gadolinium	160-1	150	108	108	122	19.68	cps
Gadolinium	160-2	57	87	43	62	35.67	cps
Holmium	165-1	19455011	19416312	19343735	19405019	0.29	cps
Holmium	165-2	9269150	9231029	9210794	9236991	0.32	cps
Indium	115-1	14815074	14743692	14712749	14757172	0.36	cps
Indium	115-2	2886462	2878739	2875079	2880093	0.20	cps
Iron	56-2	7007	6452	7463	6974	7.26	cps
Iron	57-2	178	217	128	174	25.60	cps
Lead	206-1	1939	2161	2072	2058	5.44	cps
Lead	207-1	2067	1806	1845	1906	7.39	cps
Lead	208-1	8785	8757	8629	8724	0.95	cps
Lithium	6-1	1960515	1925449	1920202	1935389	1.13	cps
Magnesium	24-2	200	233	242	225	9.80	cps
Manganese	55-2	147	127	140	138	7.39	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:08:50	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	683	817	1008	836	19.54	cps
Molybdenum	95-1	483	667	700	617	18.92	cps
Molybdenum	96-1	700	892	1000	864	17.59	cps
Molybdenum	97-1	442	475	458	458	3.64	cps
Molybdenum	98-1	775	967	1008	917	13.58	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	263	307	280	283	7.72	cps
Phosphorus	31-2	392	367	350	369	5.68	cps
Potassium	39-2	44066	44835	45044	44649	1.15	cps
Rhodium	103-1	13752163	13507826	13438470	13566153	1.21	cps
Rhodium	103-2	6415623	6455777	6487589	6452997	0.56	cps
Scandium	45-1	8146375	8087967	8039092	8091145	0.66	cps
Scandium	45-2	402583	398087	396652	399107	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	133	87	110	20.96	cps
Selenium	82-1	-171	-208	-216	-198	-11.99	cps
Silicon	28-1	452362	451397	448474	450745	0.45	cps
Silver	109-1	133	125	100	119	14.52	cps
Silver	107-1	575	558	458	531	11.89	cps
Sodium	23-2	20406	19972	20198	20192	1.07	cps
Strontium	86-1	5660	5701	5485	5615	2.05	cps
Strontium	88-1	475	400	400	425	10.19	cps
Sulfur	34-1	618552	620970	623918	621147	0.43	cps
Terbium	159-1	20098203	19823326	19783108	19901545	0.86	cps
Terbium	159-2	9158308	9279254	9305990	9247851	0.85	cps
Thallium	203-1	300	467	375	381	21.93	cps
Thallium	205-1	633	733	683	683	7.32	cps
Tin	118-1	1175	1058	1484	1239	17.74	cps
Titanium	47-1	125	117	133	125	6.67	cps
Uranium	238-1	300	442	317	353	21.95	cps
Vanadium	51-2	40	27	13	27	50.01	cps
Yttrium	89-1	14543079	14450930	14324802	14439603	0.76	cps
Yttrium	89-2	2174178	2166809	2173776	2171588	0.19	cps
Zinc	66-2	130	123	93	116	16.90	cps
Zirconium	90-1	1542	1583	1717	1614	5.67	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:08:50	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	308	408	339	17.79	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2450	2275	2392	2373	3.76	cps
Antimony	121-1	29532	29708	30367	29869	1.47	cps
Arsenic	75-2	457	500	515	491	6.07	cps
Barium	135-1	33850	33182	33065	33366	1.27	cps
Barium	137-1	57679	56642	57980	57434	1.22	cps
Beryllium	9-1	2106	2111	2139	2119	0.84	cps
Bismuth	209-1	13609032	13600579	13822879	13677497	0.92	cps
Bismuth	209-2	7491410	7397647	7344875	7411311	1.00	cps
Boron	10-1	7535	7310	7144	7330	2.68	cps
Boron	11-1	35368	35651	36520	35846	1.67	cps
Cadmium	111-1	3877	3732	3835	3815	1.95	cps
Cadmium	106-1	5893	5735	5843	5824	1.39	cps
Cadmium	108-1	254	308	254	272	11.49	cps
Calcium	43-1	17311	17745	17386	17480	1.33	cps
Calcium	44-1	294735	292627	296765	294709	0.70	cps
Chromium	52-2	9830	10074	9743	9882	1.73	cps
Cobalt	59-2	6758	6872	6902	6844	1.11	cps
Copper	63-2	17023	16626	17517	17056	2.62	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	92	100	86	20.15	cps
Erbium	164-2	40	40	30	37	15.75	cps
Gadolinium	160-1	142	183	242	189	26.59	cps
Gadolinium	160-2	90	53	70	71	25.82	cps
Holmium	165-1	19519099	19517410	19677996	19571502	0.47	cps
Holmium	165-2	9365774	9230998	9213118	9269963	0.90	cps
Indium	115-1	15027823	14844940	14994994	14955919	0.65	cps
Indium	115-2	2811804	2787403	2803602	2800937	0.44	cps
Iron	56-2	177182	174318	176762	176087	0.88	cps
Iron	57-2	4495	4212	4323	4343	3.29	cps
Lead	206-1	16121	15532	15921	15858	1.89	cps
Lead	207-1	14603	14430	14497	14510	0.60	cps
Lead	208-1	65259	63956	64451	64555	1.02	cps
Lithium	6-1	1921643	1904896	1924109	1916883	0.55	cps
Magnesium	24-2	144524	139570	143043	142379	1.79	cps
Manganese	55-2	2537	2570	2667	2591	2.61	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26166	25090	26117	25791	2.36	cps
Molybdenum	95-1	31252	31861	31043	31386	1.35	cps
Molybdenum	96-1	35404	35595	35462	35487	0.28	cps
Molybdenum	97-1	19355	19372	19781	19503	1.24	cps
Molybdenum	98-1	49847	50582	50257	50229	0.73	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2290	2040	2264	2198	6.25	cps
Phosphorus	31-2	350	308	317	325	6.78	cps
Potassium	39-2	184746	185353	184575	184891	0.22	cps
Rhodium	103-1	13644949	13529142	13802719	13658937	1.01	cps
Rhodium	103-2	6586870	6484634	6494736	6522080	0.86	cps
Scandium	45-1	8120428	8093019	8164727	8126058	0.45	cps
Scandium	45-2	394475	385129	386350	388651	1.31	cps
Selenium	77-2	57	57	70	61	12.59	cps
Selenium	78-2	248	265	261	258	3.39	cps
Selenium	82-1	911	1182	1086	1060	12.97	cps
Silicon	28-1	518804	517665	518227	518232	0.11	cps
Silver	109-1	22210	22034	21609	21951	1.41	cps
Silver	107-1	89173	88614	87863	88550	0.74	cps
Sodium	23-2	300935	292908	294240	296028	1.45	cps
Strontium	86-1	10112	9654	9570	9779	2.98	cps
Strontium	88-1	37742	36313	36648	36901	2.03	cps
Sulfur	34-1	624199	614680	620240	619706	0.77	cps
Terbium	159-1	19912882	20094650	20251648	20086393	0.84	cps
Terbium	159-2	9361338	9236335	9088497	9228723	1.48	cps
Thallium	203-1	15693	14600	15752	15348	4.23	cps
Thallium	205-1	36325	37045	37788	37053	1.97	cps
Tin	118-1	56741	56423	57134	56766	0.63	cps
Titanium	47-1	8645	8419	8328	8464	1.93	cps
Uranium	238-1	52432	52582	52223	52413	0.34	cps
Vanadium	51-2	16272	16499	15932	16235	1.76	cps
Yttrium	89-1	14579243	14565187	14556185	14566872	0.08	cps
Yttrium	89-2	2150191	2108543	2117785	2125506	1.03	cps
Zinc	66-2	1760	1580	1640	1660	5.52	cps
Zirconium	90-1	21667	22043	21667	21792	1.00	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:17:17	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5326	5235	5176	5246	1.44	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:20:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138089	142589	140951	140543	1.62	cps
Antimony	121-1	791112	770958	746671	769580	2.89	cps
Arsenic	75-2	28619	29181	28879	28893	0.97	cps
Barium	135-1	997179	1000723	995551	997817	0.27	cps
Barium	137-1	1752086	1739578	1750789	1747484	0.39	cps
Beryllium	9-1	125402	124641	124198	124747	0.49	cps
Bismuth	209-1	13763276	13698767	13862017	13774687	0.60	cps
Bismuth	209-2	7630863	7610788	7548868	7596840	0.56	cps
Boron	10-1	16802	17444	16201	16816	3.70	cps
Boron	11-1	83296	84284	86799	84793	2.13	cps
Cadmium	111-1	196338	194150	193715	194734	0.72	cps
Cadmium	106-1	28688	29339	28905	28978	1.14	cps
Cadmium	108-1	15509	15550	15759	15606	0.86	cps
Calcium	43-1	211642	210704	212234	211527	0.36	cps
Calcium	44-1	3418239	3421488	3420431	3420053	0.05	cps
Chromium	52-2	246903	246996	249109	247669	0.50	cps
Cobalt	59-2	408432	410021	410743	409732	0.29	cps
Copper	63-2	600805	603073	607351	603743	0.55	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	25	75	67	56	48.22	cps
Erbium	164-2	37	23	20	27	33.08	cps
Gadolinium	160-1	117	175	167	153	20.65	cps
Gadolinium	160-2	83	53	90	76	25.85	cps
Holmium	165-1	19741798	19744054	19911928	19799260	0.49	cps
Holmium	165-2	9501321	9553836	9433718	9496292	0.63	cps
Indium	115-1	15079112	15099008	15123923	15100681	0.15	cps
Indium	115-2	2846945	2852595	2876289	2858610	0.54	cps
Iron	56-2	10313601	10371352	10491885	10392279	0.88	cps
Iron	57-2	250863	249423	252017	250767	0.52	cps
Lead	206-1	733921	735125	733361	734136	0.12	cps
Lead	207-1	666243	671236	665558	667679	0.46	cps
Lead	208-1	2989519	2998419	3004131	2997356	0.25	cps
Lithium	6-1	1929117	1939045	1939922	1936028	0.31	cps
Magnesium	24-2	1741499	1752713	1756564	1750259	0.45	cps
Manganese	55-2	276047	277006	277704	276919	0.30	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:20:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	711696	715770	716433	714633	0.36	cps
Molybdenum	95-1	388383	387342	380768	385498	1.07	cps
Molybdenum	96-1	494793	498810	494241	495948	0.50	cps
Molybdenum	97-1	239724	242497	236155	239459	1.33	cps
Molybdenum	98-1	617075	616033	612402	615170	0.40	cps
Neodymium	150-1	47	107	87	80	38.19	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	110210	111261	110284	110585	0.53	cps
Phosphorus	31-2	8528	8103	8094	8242	3.01	cps
Potassium	39-2	896160	907670	909838	904556	0.81	cps
Rhodium	103-1	13744048	13721839	13838658	13768182	0.45	cps
Rhodium	103-2	6567296	6611891	6621134	6600107	0.44	cps
Scandium	45-1	8158690	8243313	8231544	8211182	0.56	cps
Scandium	45-2	393627	396485	398950	396354	0.67	cps
Selenium	77-2	623	587	520	577	9.08	cps
Selenium	78-2	2011	1952	2202	2055	6.36	cps
Selenium	82-1	12293	11951	12117	12121	1.41	cps
Silicon	28-1	912986	908733	914766	912162	0.34	cps
Silver	109-1	1003893	1000848	1002653	1002465	0.15	cps
Silver	107-1	4055297	4052475	4056554	4054775	0.05	cps
Sodium	23-2	3359810	3350800	3370319	3360310	0.29	cps
Strontium	86-1	252168	254749	254747	253888	0.59	cps
Strontium	88-1	2134344	2152480	2145451	2144092	0.43	cps
Sulfur	34-1	687886	685577	682828	685431	0.37	cps
Terbium	159-1	20119820	20326123	20235595	20227179	0.51	cps
Terbium	159-2	9460094	9384319	9414527	9419647	0.40	cps
Thallium	203-1	895465	909032	906418	903638	0.80	cps
Thallium	205-1	2158581	2187135	2160834	2168850	0.73	cps
Tin	118-1	676542	677912	673730	676062	0.32	cps
Titanium	47-1	102261	103184	102990	102812	0.47	cps
Uranium	238-1	3161184	3151531	3162608	3158441	0.19	cps
Vanadium	51-2	198708	200002	200215	199642	0.41	cps
Yttrium	89-1	14500688	14679177	14750224	14643363	0.88	cps
Yttrium	89-2	2152253	2174652	2170641	2165849	0.55	cps
Zinc	66-2	84770	86018	85261	85350	0.74	cps
Zirconium	90-1	1342427	1349636	1355252	1349105	0.48	cps

Reviewed By:jaswal
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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:20:56	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	296488	303407	298725	299540	1.18	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:24:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338484	344094	344546	342375	0.99	cps
Antimony	121-1	2013995	2004000	1951934	1989976	1.67	cps
Arsenic	75-2	68832	70207	70663	69901	1.36	cps
Barium	135-1	2433715	2481406	2428216	2447779	1.20	cps
Barium	137-1	4283403	4325296	4274515	4294405	0.63	cps
Beryllium	9-1	303919	306692	305243	305285	0.45	cps
Bismuth	209-1	13474074	13731353	13647151	13617526	0.96	cps
Bismuth	209-2	7472214	7462611	7431576	7455467	0.28	cps
Boron	10-1	41567	41825	41090	41494	0.90	cps
Boron	11-1	206035	207825	208712	207524	0.66	cps
Cadmium	111-1	473216	473928	470125	472423	0.43	cps
Cadmium	106-1	62187	62815	62689	62564	0.53	cps
Cadmium	108-1	37145	38072	37684	37634	1.24	cps
Calcium	43-1	509808	511803	514100	511904	0.42	cps
Calcium	44-1	8255065	8407698	8351607	8338123	0.93	cps
Chromium	52-2	587469	598240	601219	595643	1.21	cps
Cobalt	59-2	973410	990803	993323	985845	1.10	cps
Copper	63-2	1427812	1447404	1439501	1438239	0.69	cps
Dysprosium	156-1	75	75	50	67	21.65	cps
Dysprosium	156-2	17	10	27	18	47.19	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	30	27	47	34	31.11	cps
Gadolinium	160-1	158	125	158	147	13.07	cps
Gadolinium	160-2	100	70	113	94	23.50	cps
Holmium	165-1	19691394	19698399	19625371	19671721	0.20	cps
Holmium	165-2	9206425	9451926	9407103	9355151	1.40	cps
Indium	115-1	15058214	14944331	14932188	14978244	0.46	cps
Indium	115-2	2770184	2810574	2811413	2797390	0.84	cps
Iron	56-2	24820052	25162536	25297321	25093303	0.98	cps
Iron	57-2	601950	609424	609279	606884	0.70	cps
Lead	206-1	1794588	1801765	1794817	1797056	0.23	cps
Lead	207-1	1633328	1632338	1640309	1635325	0.27	cps
Lead	208-1	7349896	7356107	7373408	7359804	0.17	cps
Lithium	6-1	1925122	1949891	1939830	1938281	0.64	cps
Magnesium	24-2	4209384	4293907	4267006	4256766	1.01	cps
Manganese	55-2	660176	669392	669550	666373	0.81	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:24:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1764904	1767119	1761255	1764426	0.17	cps
Molybdenum	95-1	945051	939531	935300	939960	0.52	cps
Molybdenum	96-1	1219346	1224812	1209039	1217732	0.66	cps
Molybdenum	97-1	584089	592423	582568	586360	0.90	cps
Molybdenum	98-1	1522316	1514040	1516430	1517595	0.28	cps
Neodymium	150-1	100	133	133	122	15.75	cps
Neodymium	150-2	7	17	20	14	48.02	cps
Nickel	60-2	260561	265254	266078	263964	1.13	cps
Phosphorus	31-2	19589	19697	19572	19619	0.35	cps
Potassium	39-2	2099870	2133095	2142026	2124997	1.05	cps
Rhodium	103-1	13610951	13688364	13639498	13646271	0.29	cps
Rhodium	103-2	6311401	6467058	6485461	6421307	1.49	cps
Scandium	45-1	8166129	8205670	8129162	8166987	0.47	cps
Scandium	45-2	386181	392086	394680	390982	1.11	cps
Selenium	77-2	1313	1387	1450	1383	4.94	cps
Selenium	78-2	4819	4934	4968	4907	1.58	cps
Selenium	82-1	29899	29651	29800	29783	0.42	cps
Silicon	28-1	1601473	1612116	1605424	1606338	0.33	cps
Silver	109-1	2432475	2449469	2436553	2439499	0.36	cps
Silver	107-1	9837233	9894703	9847470	9859802	0.31	cps
Sodium	23-2	8082949	8164549	8112135	8119878	0.51	cps
Strontium	86-1	601931	608067	606327	605442	0.52	cps
Strontium	88-1	5216533	5323136	5273278	5270982	1.01	cps
Sulfur	34-1	771434	777072	769410	772639	0.51	cps
Terbium	159-1	20312630	20296444	20322983	20310686	0.07	cps
Terbium	159-2	9304428	9328593	9314405	9315809	0.13	cps
Thallium	203-1	2215862	2214791	2209756	2213470	0.15	cps
Thallium	205-1	5363968	5360919	5347939	5357609	0.16	cps
Tin	118-1	1660181	1657471	1646941	1654865	0.42	cps
Titanium	47-1	251265	251314	250808	251129	0.11	cps
Uranium	238-1	7820330	7942692	7923628	7895550	0.83	cps
Vanadium	51-2	474048	479554	481751	478451	0.83	cps
Yttrium	89-1	14559270	14684678	14554390	14599446	0.51	cps
Yttrium	89-2	2089002	2136942	2152631	2126192	1.56	cps
Zinc	66-2	202330	204554	204152	203679	0.58	cps
Zirconium	90-1	3346297	3372136	3345444	3354626	0.45	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:24:36	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	744953	740539	742246	742579	0.30	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:28:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	679645	671027	669661	673444	0.80	cps
Antimony	121-1	4031963	4053747	3972865	4019525	1.04	cps
Arsenic	75-2	139809	139556	138369	139245	0.55	cps
Barium	135-1	4870738	4883700	4858533	4870990	0.26	cps
Barium	137-1	8623628	8580232	8524154	8576004	0.58	cps
Beryllium	9-1	595089	596259	592298	594549	0.34	cps
Bismuth	209-1	13655801	13512108	13388830	13518913	0.99	cps
Bismuth	209-2	7386609	7382333	7448828	7405924	0.50	cps
Boron	10-1	80800	80230	80020	80350	0.50	cps
Boron	11-1	402604	403709	407785	404699	0.67	cps
Cadmium	111-1	928613	937104	926776	930831	0.59	cps
Cadmium	106-1	118224	115401	116265	116630	1.24	cps
Cadmium	108-1	75600	74365	74189	74718	1.03	cps
Calcium	43-1	1013284	1002858	1013868	1010003	0.61	cps
Calcium	44-1	16600444	16580824	16382081	16521116	0.73	cps
Chromium	52-2	1192858	1177669	1170654	1180394	0.96	cps
Cobalt	59-2	1951328	1952379	1952319	1952009	0.03	cps
Copper	63-2	2846513	2833519	2836629	2838887	0.24	cps
Dysprosium	156-1	117	100	92	103	12.38	cps
Dysprosium	156-2	23	23	27	24	7.89	cps
Erbium	164-1	83	125	117	108	20.35	cps
Erbium	164-2	37	50	10	32	63.21	cps
Gadolinium	160-1	183	275	158	206	29.88	cps
Gadolinium	160-2	133	63	87	94	37.74	cps
Holmium	165-1	19665562	19832270	19496578	19664803	0.85	cps
Holmium	165-2	9429248	9374532	9443985	9415921	0.39	cps
Indium	115-1	14785765	14894519	14723964	14801416	0.58	cps
Indium	115-2	2795559	2780238	2788489	2788095	0.28	cps
Iron	56-2	49963607	49847980	49057830	49623139	0.99	cps
Iron	57-2	1204695	1200492	1196448	1200545	0.34	cps
Lead	206-1	3585091	3553139	3549792	3562674	0.55	cps
Lead	207-1	3252761	3247244	3234828	3244944	0.28	cps
Lead	208-1	14688300	14720550	14614384	14674411	0.37	cps
Lithium	6-1	1921009	1921868	1923538	1922138	0.07	cps
Magnesium	24-2	8395546	8367150	8368354	8377017	0.19	cps
Manganese	55-2	1331729	1321136	1314471	1322445	0.66	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:28:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3503111	3505316	3497558	3501995	0.11	cps
Molybdenum	95-1	1873346	1871023	1862178	1868849	0.32	cps
Molybdenum	96-1	2404420	2421181	2383250	2402951	0.79	cps
Molybdenum	97-1	1168810	1165319	1159164	1164431	0.42	cps
Molybdenum	98-1	3028418	3042803	3005574	3025599	0.62	cps
Neodymium	150-1	367	327	227	307	23.51	cps
Neodymium	150-2	33	33	13	27	43.31	cps
Nickel	60-2	520737	519062	516590	518796	0.40	cps
Phosphorus	31-2	37297	37173	37306	37259	0.20	cps
Potassium	39-2	4213464	4180059	4171612	4188378	0.53	cps
Rhodium	103-1	13363520	13313338	13471599	13382819	0.60	cps
Rhodium	103-2	6449206	6349643	6367701	6388850	0.83	cps
Scandium	45-1	8140981	8096797	8125789	8121189	0.28	cps
Scandium	45-2	391731	388489	387068	389096	0.61	cps
Selenium	77-2	2837	2920	2800	2853	2.16	cps
Selenium	78-2	9572	9349	9227	9383	1.86	cps
Selenium	82-1	58793	59683	58876	59118	0.83	cps
Silicon	28-1	2754019	2740404	2747850	2747424	0.25	cps
Silver	109-1	4784462	4794264	4764826	4781184	0.31	cps
Silver	107-1	19338634	19391163	19314870	19348222	0.20	cps
Sodium	23-2	16194273	16111652	16126212	16144046	0.27	cps
Strontium	86-1	1197941	1201056	1199162	1199386	0.13	cps
Strontium	88-1	10540816	10488431	10512301	10513850	0.25	cps
Sulfur	34-1	928162	923000	923120	924760	0.32	cps
Terbium	159-1	20390011	20240638	20066151	20232267	0.80	cps
Terbium	159-2	9466834	9356690	9368298	9397274	0.64	cps
Thallium	203-1	4422469	4448974	4408256	4426566	0.47	cps
Thallium	205-1	10769428	10764364	10609756	10714516	0.85	cps
Tin	118-1	3268513	3287080	3272554	3276049	0.30	cps
Titanium	47-1	496129	498101	488610	494280	1.01	cps
Uranium	238-1	15800343	15692394	15511297	15668011	0.93	cps
Vanadium	51-2	957603	953784	956030	955805	0.20	cps
Yttrium	89-1	14529344	14555632	14571716	14552230	0.15	cps
Yttrium	89-2	2145706	2127543	2116454	2129901	0.69	cps
Zinc	66-2	405785	400282	401231	402433	0.73	cps
Zirconium	90-1	6695215	6714665	6642086	6683988	0.56	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:28:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1466997	1461957	1462714	1463889	0.19	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:31:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1359485	1346792	1354436	1353571	0.47	cps
Antimony	121-1	8413425	8407869	8248722	8356672	1.12	cps
Arsenic	75-2	280822	280399	280396	280539	0.09	cps
Barium	135-1	10016513	9982893	9897323	9965576	0.62	cps
Barium	137-1	17449239	17442423	17277679	17389780	0.56	cps
Beryllium	9-1	1182581	1185363	1169140	1179028	0.74	cps
Bismuth	209-1	13467891	13394326	13488895	13450371	0.37	cps
Bismuth	209-2	7376570	7307931	7348440	7344314	0.47	cps
Boron	10-1	160308	164738	161562	162203	1.41	cps
Boron	11-1	802965	812589	803527	806360	0.67	cps
Cadmium	111-1	1856637	1874830	1857021	1862829	0.56	cps
Cadmium	106-1	227634	230598	227017	228416	0.84	cps
Cadmium	108-1	149770	149841	147440	149017	0.92	cps
Calcium	43-1	2025808	2033262	2001260	2020110	0.83	cps
Calcium	44-1	32932589	33081827	32825721	32946712	0.39	cps
Chromium	52-2	2365942	2366641	2369377	2367320	0.08	cps
Cobalt	59-2	3908704	3877593	3906156	3897484	0.44	cps
Copper	63-2	5641443	5622805	5628740	5630996	0.17	cps
Dysprosium	156-1	192	192	158	181	10.66	cps
Dysprosium	156-2	43	60	30	44	33.82	cps
Erbium	164-1	25	117	67	69	66.09	cps
Erbium	164-2	50	47	53	50	6.66	cps
Gadolinium	160-1	225	233	325	261	21.25	cps
Gadolinium	160-2	107	133	93	111	18.33	cps
Holmium	165-1	19877585	20149431	19702196	19909737	1.13	cps
Holmium	165-2	9468625	9490793	9434864	9464761	0.30	cps
Indium	115-1	14615602	14802381	14648639	14688874	0.68	cps
Indium	115-2	2774590	2759875	2767143	2767203	0.27	cps
Iron	56-2	99998363	99489297	100517480	100001713	0.51	cps
Iron	57-2	2421207	2404806	2418982	2414998	0.37	cps
Lead	206-1	7380302	7452080	7346749	7393044	0.73	cps
Lead	207-1	6505717	6516573	6489637	6503976	0.21	cps
Lead	208-1	29592111	29792360	29520421	29634964	0.48	cps
Lithium	6-1	1918929	1919431	1868194	1902184	1.55	cps
Magnesium	24-2	16865360	16639885	16809638	16771628	0.70	cps
Manganese	55-2	2657797	2660443	2664291	2660844	0.12	cps

Reviewed By:jaswal
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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:31:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7279755	7309889	7162346	7250663	1.08	cps
Molybdenum	95-1	3806992	3787964	3726475	3773811	1.12	cps
Molybdenum	96-1	4902877	4892632	4832527	4876012	0.78	cps
Molybdenum	97-1	2372266	2360427	2337644	2356779	0.75	cps
Molybdenum	98-1	6352851	6314197	6268285	6311778	0.67	cps
Neodymium	150-1	707	680	627	671	6.07	cps
Neodymium	150-2	70	63	40	58	27.26	cps
Nickel	60-2	1033071	1032049	1036965	1034028	0.25	cps
Phosphorus	31-2	76672	76362	76437	76491	0.21	cps
Potassium	39-2	8469885	8456308	8474287	8466827	0.11	cps
Rhodium	103-1	13245259	13303711	13210052	13253007	0.36	cps
Rhodium	103-2	6293576	6339448	6277363	6303462	0.51	cps
Scandium	45-1	8129756	8121269	7986629	8079218	0.99	cps
Scandium	45-2	391631	391253	391161	391349	0.06	cps
Selenium	77-2	5718	5374	5778	5623	3.87	cps
Selenium	78-2	19116	18571	19369	19019	2.14	cps
Selenium	82-1	118767	119150	116609	118175	1.16	cps
Silicon	28-1	4012867	4051498	4020859	4028408	0.51	cps
Silver	109-1	9860205	9891369	9679353	9810309	1.17	cps
Silver	107-1	39767332	39924218	39096651	39596067	1.11	cps
Sodium	23-2	32291706	32082907	32201856	32192156	0.33	cps
Strontium	86-1	2400907	2429741	2392438	2407695	0.81	cps
Strontium	88-1	21138528	21293914	20710298	21047580	1.44	cps
Sulfur	34-1	1255351	1262760	1252152	1256754	0.43	cps
Terbium	159-1	20237944	20398883	20179277	20272035	0.56	cps
Terbium	159-2	9482073	9370197	9373649	9408640	0.68	cps
Thallium	203-1	9081706	9188279	8982895	9084293	1.13	cps
Thallium	205-1	21406217	21583850	21241117	21410395	0.80	cps
Tin	118-1	6840205	6881842	6773603	6831883	0.80	cps
Titanium	47-1	988751	997480	986819	991016	0.57	cps
Uranium	238-1	31557842	31717138	31657288	31644090	0.25	cps
Vanadium	51-2	1941209	1931891	1937408	1936836	0.24	cps
Yttrium	89-1	14549919	14662095	14433174	14548396	0.79	cps
Yttrium	89-2	2136671	2139633	2151760	2142688	0.37	cps
Zinc	66-2	804438	804632	802451	803840	0.15	cps
Zirconium	90-1	13438638	13660608	13309465	13469571	1.32	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:31:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2966396	2976088	2931984	2958156	0.78	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:35:22	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2697345	2713178	2710257	2706927	0.31	cps
Antimony	121-1	16963884	16961163	16679191	16868080	0.97	cps
Arsenic	75-2	561345	563907	559657	561636	0.38	cps
Barium	135-1	19999969	20070932	19977136	20016012	0.24	cps
Barium	137-1	34758788	34771482	34615454	34715241	0.25	cps
Beryllium	9-1	2330662	2317862	2317337	2321954	0.33	cps
Bismuth	209-1	13291722	13418398	13237186	13315769	0.70	cps
Bismuth	209-2	7211568	7209365	7215327	7212086	0.04	cps
Boron	10-1	318035	323790	318810	320212	0.98	cps
Boron	11-1	1597959	1610292	1600563	1602938	0.41	cps
Cadmium	111-1	3640417	3661154	3640816	3647462	0.33	cps
Cadmium	106-1	442801	448892	445872	445855	0.68	cps
Cadmium	108-1	291237	293032	296797	293689	0.97	cps
Calcium	43-1	4065012	4075418	4039286	4059905	0.46	cps
Calcium	44-1	66483670	66498920	65898764	66293785	0.52	cps
Chromium	52-2	4730733	4731331	4739837	4733967	0.11	cps
Cobalt	59-2	7732276	7814759	7779045	7775360	0.53	cps
Copper	63-2	11320018	11298834	11386287	11335046	0.40	cps
Dysprosium	156-1	375	317	392	361	10.91	cps
Dysprosium	156-2	77	110	93	93	17.85	cps
Erbium	164-1	92	83	100	92	9.09	cps
Erbium	164-2	37	47	40	41	12.39	cps
Gadolinium	160-1	375	358	250	328	20.71	cps
Gadolinium	160-2	130	157	173	153	14.26	cps
Holmium	165-1	19872258	19995453	19851346	19906352	0.39	cps
Holmium	165-2	9412730	9515752	9385979	9438153	0.73	cps
Indium	115-1	14470127	14502054	14283644	14418608	0.82	cps
Indium	115-2	2711336	2720951	2719151	2717146	0.19	cps
Iron	56-2	198467454	198680743	199165304	198771167	0.18	cps
Iron	57-2	4818887	4838142	4817358	4824796	0.24	cps
Lead	206-1	14560553	14630869	14404134	14531852	0.80	cps
Lead	207-1	13302998	13337113	13217923	13286011	0.46	cps
Lead	208-1	58981043	59331598	58487267	58933302	0.72	cps
Lithium	6-1	1848263	1862458	1860860	1857193	0.42	cps
Magnesium	24-2	33349416	33322906	33323361	33331894	0.05	cps
Manganese	55-2	5480343	5472021	5430385	5460916	0.49	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:35:22	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14702048	14736754	14534036	14657612	0.74	cps
Molybdenum	95-1	7689316	7727243	7694686	7703748	0.27	cps
Molybdenum	96-1	10256874	10329848	10150251	10245658	0.88	cps
Molybdenum	97-1	4692474	4727694	4691453	4703874	0.44	cps
Molybdenum	98-1	12548866	12734628	12609411	12630968	0.75	cps
Neodymium	150-1	1107	1347	1247	1233	9.78	cps
Neodymium	150-2	117	107	107	110	5.25	cps
Nickel	60-2	2015369	2036963	2030819	2027717	0.55	cps
Phosphorus	31-2	150040	152447	152976	151821	1.03	cps
Potassium	39-2	16851007	16949129	16821420	16873852	0.40	cps
Rhodium	103-1	13048606	13130926	12937007	13038846	0.75	cps
Rhodium	103-2	6233017	6228075	6231082	6230724	0.04	cps
Scandium	45-1	8152166	8157494	8092137	8133932	0.45	cps
Scandium	45-2	395930	399293	396234	397152	0.47	cps
Selenium	77-2	10858	11321	11405	11194	2.63	cps
Selenium	78-2	37344	37819	37656	37607	0.64	cps
Selenium	82-1	234988	234852	233987	234609	0.23	cps
Silicon	28-1	7019123	6993661	6992218	7001667	0.22	cps
Silver	109-1	19171005	19163804	19317021	19217276	0.45	cps
Silver	107-1	77520906	77596861	77990132	77702633	0.32	cps
Sodium	23-2	64586235	64476426	64416741	64493134	0.13	cps
Strontium	86-1	4805254	4823076	4788839	4805723	0.36	cps
Strontium	88-1	42524255	42453162	42231083	42402834	0.36	cps
Sulfur	34-1	1926624	1933205	1925624	1928484	0.21	cps
Terbium	159-1	20298415	20444426	20080133	20274324	0.90	cps
Terbium	159-2	9356534	9406584	9292564	9351894	0.61	cps
Thallium	203-1	18019654	18064948	18005802	18030135	0.17	cps
Thallium	205-1	42330844	42692631	41916399	42313291	0.92	cps
Tin	118-1	13629030	13603718	13583167	13605305	0.17	cps
Titanium	47-1	1985950	1998662	1979733	1988115	0.49	cps
Uranium	238-1	63160933	64196499	63012543	63456658	1.02	cps
Vanadium	51-2	3886411	3896359	3891485	3891418	0.13	cps
Yttrium	89-1	14594502	14564625	14549880	14569669	0.16	cps
Yttrium	89-2	2134727	2142314	2140567	2139203	0.19	cps
Zinc	66-2	1570788	1575686	1576334	1574269	0.19	cps
Zirconium	90-1	27308314	27502282	27076086	27295561	0.78	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:35:22	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6123136	6211297	6151864	6162099	0.73	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:38:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14686040	14751797	14944370	14794069	0.91	cps
Antimony	121-1	78612	86533	91423	85523	7.56	cps
Arsenic	75-2	826	1080	1037	981	13.85	cps
Barium	135-1	7494	7711	8111	7772	4.03	cps
Barium	137-1	13232	13516	12948	13232	2.14	cps
Beryllium	9-1	1000	894	928	941	5.74	cps
Bismuth	209-1	11725020	11729989	11610195	11688401	0.58	cps
Bismuth	209-2	6295528	6282012	6305043	6294194	0.18	cps
Boron	10-1	7377	7410	6768	7185	5.03	cps
Boron	11-1	37581	34056	33680	35106	6.13	cps
Cadmium	111-1	1879	1583	1499	1654	12.08	cps
Cadmium	106-1	5751	5660	5576	5663	1.55	cps
Cadmium	108-1	108	188	138	144	27.72	cps
Calcium	43-1	21476174	21677439	21403198	21518937	0.66	cps
Calcium	44-1	340506816	343754958	340959316	341740363	0.51	cps
Chromium	52-2	101473	101000	102919	101797	0.98	cps
Cobalt	59-2	11545	11568	11605	11573	0.26	cps
Copper	63-2	21526	21282	21242	21350	0.72	cps
Dysprosium	156-1	267	267	267	267	0.00	cps
Dysprosium	156-2	113	117	100	110	8.02	cps
Erbium	164-1	200	142	175	172	16.99	cps
Erbium	164-2	67	77	50	64	20.91	cps
Gadolinium	160-1	317	325	342	328	3.88	cps
Gadolinium	160-2	193	193	157	181	11.69	cps
Holmium	165-1	18684009	18862323	18574803	18707045	0.78	cps
Holmium	165-2	9060032	9018589	9122811	9067144	0.58	cps
Indium	115-1	13944278	13695543	13605795	13748539	1.28	cps
Indium	115-2	2635722	2660186	2683882	2659930	0.91	cps
Iron	56-2	1024214956	1031087312	1045985290	1033762519	1.08	cps
Iron	57-2	25472111	25785055	26130021	25795729	1.28	cps
Lead	206-1	32964	32223	31660	32282	2.02	cps
Lead	207-1	27245	27691	27301	27412	0.89	cps
Lead	208-1	128221	127636	126392	127416	0.73	cps
Lithium	6-1	1752024	1770009	1744467	1755500	0.75	cps
Magnesium	24-2	173741296	175824191	176205958	175257148	0.76	cps
Manganese	55-2	19940	19273	19920	19711	1.93	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:38:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29264	30776	32964	31001	6.00	cps
Molybdenum	95-1	38620	41754	45457	41943	8.16	cps
Molybdenum	96-1	49989	50900	54514	51801	4.62	cps
Molybdenum	97-1	23453	26066	28254	25925	9.27	cps
Molybdenum	98-1	62145	65769	73139	67017	8.36	cps
Neodymium	150-1	420	233	193	282	42.87	cps
Neodymium	150-2	117	117	83	106	18.23	cps
Nickel	60-2	26354	26204	27015	26524	1.63	cps
Phosphorus	31-2	383	358	517	419	20.29	cps
Potassium	39-2	88398258	89411140	90418210	89409203	1.13	cps
Rhodium	103-1	11928028	11948838	11900003	11925623	0.21	cps
Rhodium	103-2	5527826	5535363	5580057	5547749	0.51	cps
Scandium	45-1	8042270	8053834	8010425	8035509	0.28	cps
Scandium	45-2	402803	404508	409331	405548	0.83	cps
Selenium	77-2	20	33	33	29	26.64	cps
Selenium	78-2	176	204	209	196	9.10	cps
Selenium	82-1	201	293	482	325	44.03	cps
Silicon	28-1	1044377	1079360	1101958	1075232	2.70	cps
Silver	109-1	4676	4584	4459	4573	2.38	cps
Silver	107-1	18804	18596	17962	18454	2.38	cps
Sodium	23-2	333753824	333292207	337602641	334882891	0.71	cps
Strontium	86-1	166706	164449	162779	164645	1.20	cps
Strontium	88-1	1399467	1393222	1379438	1390709	0.74	cps
Sulfur	34-1	588969	591089	593336	591131	0.37	cps
Terbium	159-1	19232333	19340105	18955596	19176011	1.03	cps
Terbium	159-2	8962154	8960094	8992910	8971719	0.20	cps
Thallium	203-1	11230	10788	10530	10849	3.27	cps
Thallium	205-1	28123	27738	26143	27335	3.84	cps
Tin	118-1	20132	21818	22452	21467	5.59	cps
Titanium	47-1	3410	2976	2909	3098	8.79	cps
Uranium	238-1	53904	53310	52658	53291	1.17	cps
Vanadium	51-2	2207	2144	2174	2175	1.46	cps
Yttrium	89-1	14104666	14022620	13768011	13965099	1.26	cps
Yttrium	89-2	2106025	2096159	2134573	2112253	0.94	cps
Zinc	66-2	15559	15385	15675	15540	0.94	cps
Zirconium	90-1	19564	19598	20324	19828	2.16	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:38:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4501	4643	4568	4570	1.55	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:42:36	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80852	81430	81547	81276	0.46	cps
Antimony	121-1	3502140	3456278	3457421	3471946	0.75	cps
Arsenic	75-2	124585	123978	125407	124657	0.58	cps
Barium	135-1	420286	423846	424859	422997	0.57	cps
Barium	137-1	742302	740064	744831	742399	0.32	cps
Beryllium	9-1	260956	260983	260024	260654	0.21	cps
Bismuth	209-1	13642121	13433526	13505360	13527002	0.78	cps
Bismuth	209-2	7635288	7558948	7513661	7569299	0.81	cps
Boron	10-1	176391	179021	176760	177390	0.80	cps
Boron	11-1	889227	881030	893614	887957	0.72	cps
Cadmium	111-1	398392	394394	395409	396065	0.52	cps
Cadmium	106-1	88887	89818	88668	89124	0.68	cps
Cadmium	108-1	45908	45331	46150	45796	0.92	cps
Calcium	43-1	101564	102696	102076	102112	0.55	cps
Calcium	44-1	1598477	1605700	1607596	1603924	0.30	cps
Chromium	52-2	526470	526085	533260	528605	0.76	cps
Cobalt	59-2	892408	888491	894152	891684	0.33	cps
Copper	63-2	649704	650193	652989	650962	0.27	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	13	20	37	23	51.52	cps
Erbium	164-1	150	125	208	161	26.54	cps
Erbium	164-2	87	110	67	88	24.71	cps
Gadolinium	160-1	208	242	200	217	10.18	cps
Gadolinium	160-2	127	117	97	113	13.48	cps
Holmium	165-1	19600254	19695792	19709020	19668355	0.30	cps
Holmium	165-2	9517771	9392525	9600702	9503666	1.10	cps
Indium	115-1	15276000	15128934	14966969	15123968	1.02	cps
Indium	115-2	2878700	2859094	2888920	2875571	0.53	cps
Iron	56-2	4543952	4534978	4545900	4541610	0.13	cps
Iron	57-2	112097	112523	112635	112418	0.25	cps
Lead	206-1	3093811	3087261	3058810	3079961	0.60	cps
Lead	207-1	2693202	2700826	2687841	2693957	0.24	cps
Lead	208-1	12444569	12411810	12369277	12408552	0.30	cps
Lithium	6-1	1966073	1957008	1957749	1960277	0.26	cps
Magnesium	24-2	468257	462611	466009	465626	0.61	cps
Manganese	55-2	301201	301645	305604	302817	0.80	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:42:36	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7129069	7080906	7103484	7104486	0.34	cps
Molybdenum	95-1	3768724	3741802	3774097	3761541	0.46	cps
Molybdenum	96-1	4850164	4814154	4820644	4828321	0.40	cps
Molybdenum	97-1	2346897	2336142	2349597	2344212	0.30	cps
Molybdenum	98-1	6379637	6296489	6308928	6328351	0.71	cps
Neodymium	150-1	60	7	27	31	86.59	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	238039	238888	239196	238708	0.25	cps
Phosphorus	31-2	517	333	467	439	21.59	cps
Potassium	39-2	830554	822674	824060	825762	0.51	cps
Rhodium	103-1	14046809	13956908	14075188	14026302	0.44	cps
Rhodium	103-2	6669578	6699707	6774816	6714700	0.81	cps
Scandium	45-1	8610627	8523546	8617151	8583775	0.61	cps
Scandium	45-2	422383	418314	422826	421174	0.59	cps
Selenium	77-2	2410	2484	2594	2496	3.70	cps
Selenium	78-2	8573	8495	8573	8547	0.53	cps
Selenium	82-1	51202	50767	51433	51134	0.66	cps
Silicon	28-1	4029845	4040077	4107975	4059299	1.05	cps
Silver	109-1	2106945	2095311	2111756	2104671	0.40	cps
Silver	107-1	8518820	8484820	8535999	8513213	0.31	cps
Sodium	23-2	1539268	1540005	1538361	1539211	0.05	cps
Strontium	86-1	2416571	2406004	2434980	2419185	0.61	cps
Strontium	88-1	21263951	21335269	21316171	21305130	0.17	cps
Sulfur	34-1	645128	637940	638406	640491	0.63	cps
Terbium	159-1	20260520	19963077	20128971	20117523	0.74	cps
Terbium	159-2	9532548	9402507	9598987	9511347	1.05	cps
Thallium	203-1	3820690	3834086	3809573	3821450	0.32	cps
Thallium	205-1	9334510	9303599	9228035	9288714	0.59	cps
Tin	118-1	6907973	6795247	6861039	6854753	0.83	cps
Titanium	47-1	1008460	1002462	1010950	1007291	0.43	cps
Uranium	238-1	30110508	30109056	30176886	30132150	0.13	cps
Vanadium	51-2	431540	429020	431933	430831	0.37	cps
Yttrium	89-1	14977390	15098549	15060921	15045620	0.41	cps
Yttrium	89-2	2229597	2216135	2236159	2227297	0.46	cps
Zinc	66-2	181599	179332	182528	181153	0.91	cps
Zirconium	90-1	13117424	13131034	13177377	13141945	0.24	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:42:36	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2856966	2836643	2850529	2848046	0.36	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:48:14	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	125	142	139	9.16	cps
Antimony	121-1	16652	21784	27628	22021	24.94	cps
Arsenic	75-2	200	217	243	220	9.77	cps
Barium	135-1	150	133	175	153	13.73	cps
Barium	137-1	192	267	308	256	23.13	cps
Beryllium	9-1	289	261	194	248	19.56	cps
Bismuth	209-1	13369347	13295611	13242290	13302416	0.48	cps
Bismuth	209-2	7573308	7566498	7580442	7573416	0.09	cps
Boron	10-1	3225	2942	2909	3025	5.75	cps
Boron	11-1	14850	13882	13765	14165	4.20	cps
Cadmium	111-1	564	613	619	599	5.05	cps
Cadmium	106-1	5310	5718	6027	5685	6.33	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	467	433	483	461	5.52	cps
Calcium	44-1	17645	17369	17728	17581	1.07	cps
Chromium	52-2	2004	1967	2154	2041	4.85	cps
Cobalt	59-2	193	173	177	181	5.92	cps
Copper	63-2	4274	4144	4147	4188	1.77	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	108	108	200	139	38.10	cps
Gadolinium	160-2	73	67	73	71	5.41	cps
Holmium	165-1	19549203	19293770	19078404	19307125	1.22	cps
Holmium	165-2	9481797	9478053	9558669	9506173	0.48	cps
Indium	115-1	15106668	14918518	15265050	15096745	1.15	cps
Indium	115-2	2904747	2882153	2883215	2890038	0.44	cps
Iron	56-2	14547	14947	14496	14663	1.68	cps
Iron	57-2	322	322	433	359	17.86	cps
Lead	206-1	4179	4056	3873	4036	3.81	cps
Lead	207-1	3445	3684	3556	3562	3.36	cps
Lead	208-1	16088	16777	16010	16291	2.59	cps
Lithium	6-1	1903690	1910540	1898330	1904187	0.32	cps
Magnesium	24-2	658	642	650	650	1.28	cps
Manganese	55-2	227	210	163	200	16.41	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:48:14	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2084	2459	3242	2595	22.78	cps
Molybdenum	95-1	2100	2917	3784	2934	28.70	cps
Molybdenum	96-1	2725	3301	3884	3303	17.54	cps
Molybdenum	97-1	1442	1859	2209	1836	20.91	cps
Molybdenum	98-1	3651	4493	5610	4584	21.44	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	260	190	230	227	15.50	cps
Phosphorus	31-2	475	333	408	406	17.48	cps
Potassium	39-2	54493	55405	52828	54242	2.41	cps
Rhodium	103-1	13921866	13795452	13912249	13876522	0.51	cps
Rhodium	103-2	6794793	6765612	6777755	6779387	0.22	cps
Scandium	45-1	8538640	8381986	8493655	8471427	0.95	cps
Scandium	45-2	421643	415087	415457	417396	0.88	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	133	144	122	133	8.34	cps
Selenium	82-1	-29	-93	-282	-135	-97.71	cps
Silicon	28-1	504805	511607	512371	509594	0.82	cps
Silver	109-1	200	283	308	264	21.50	cps
Silver	107-1	1000	1175	1308	1161	13.32	cps
Sodium	23-2	53078	53145	54065	53429	1.03	cps
Strontium	86-1	5551	5668	5843	5688	2.58	cps
Strontium	88-1	808	642	783	744	12.07	cps
Sulfur	34-1	656831	659554	651515	655966	0.62	cps
Terbium	159-1	19860627	19961386	20004478	19942164	0.37	cps
Terbium	159-2	9562299	9425655	9400988	9462980	0.92	cps
Thallium	203-1	1400	1342	1275	1339	4.67	cps
Thallium	205-1	2950	3084	3142	3059	3.21	cps
Tin	118-1	3317	3934	4668	3973	17.02	cps
Titanium	47-1	233	267	158	219	25.29	cps
Uranium	238-1	567	633	525	575	9.50	cps
Vanadium	51-2	43	43	23	37	31.49	cps
Yttrium	89-1	14725759	14693408	14719182	14712783	0.12	cps
Yttrium	89-2	2219608	2197153	2211413	2209391	0.51	cps
Zinc	66-2	217	277	260	251	12.33	cps
Zirconium	90-1	2375	2550	3150	2692	15.10	cps

Reviewed By:jaswal
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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:48:14	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	625	575	600	600	4.17	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:51:44	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13717805	13411162	13485398	13538122	1.18	cps
Antimony	121-1	25290	25766	28079	26379	5.66	cps
Arsenic	75-2	254	283	300	279	8.40	cps
Barium	135-1	5668	5668	5685	5674	0.17	cps
Barium	137-1	10329	9595	9996	9973	3.68	cps
Beryllium	9-1	789	867	878	844	5.74	cps
Bismuth	209-1	13267466	13176516	13227052	13223678	0.34	cps
Bismuth	209-2	7364827	7205744	7187582	7252718	1.34	cps
Boron	10-1	1942	2275	1875	2031	10.55	cps
Boron	11-1	10362	10562	10979	10635	2.96	cps
Cadmium	111-1	1493	1259	1360	1371	8.57	cps
Cadmium	106-1	5301	5668	5393	5454	3.50	cps
Cadmium	108-1	4205	3967	4209	4127	3.35	cps
Calcium	43-1	4100150	4102928	4102147	4101742	0.03	cps
Calcium	44-1	67386993	67661422	67268089	67438835	0.30	cps
Chromium	52-2	94712	93947	94919	94526	0.54	cps
Cobalt	59-2	9330	9150	9163	9214	1.09	cps
Copper	63-2	49460	48286	49035	48927	1.21	cps
Dysprosium	156-1	108	100	92	100	8.33	cps
Dysprosium	156-2	33	37	43	38	13.48	cps
Erbium	164-1	133	108	158	133	18.75	cps
Erbium	164-2	57	60	57	58	3.33	cps
Gadolinium	160-1	242	233	217	231	5.52	cps
Gadolinium	160-2	110	100	67	92	24.60	cps
Holmium	165-1	20178798	20264487	20310165	20251150	0.33	cps
Holmium	165-2	9712130	9638457	9552316	9634301	0.83	cps
Indium	115-1	15321980	15018757	15184239	15174992	1.00	cps
Indium	115-2	2867315	2821879	2848961	2846051	0.80	cps
Iron	56-2	402876320	397667309	400478742	400340790	0.65	cps
Iron	57-2	10076933	9869067	9970471	9972157	1.04	cps
Lead	206-1	64484	63764	62877	63708	1.26	cps
Lead	207-1	50033	49520	50201	49918	0.71	cps
Lead	208-1	239055	237424	237678	238052	0.37	cps
Lithium	6-1	1892946	1888978	1883589	1888504	0.25	cps
Magnesium	24-2	34482404	33653124	33942653	34026060	1.24	cps
Manganese	55-2	21105	20688	20805	20866	1.03	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:51:44	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8548265	8624198	8576189	8582884	0.45	cps
Molybdenum	95-1	14916686	14826997	15016643	14920108	0.64	cps
Molybdenum	96-1	16368807	16330746	16620622	16440059	0.96	cps
Molybdenum	97-1	9369108	9353972	9455896	9392992	0.59	cps
Molybdenum	98-1	24322160	24417011	24431828	24390333	0.24	cps
Neodymium	150-1	73	100	60	78	26.18	cps
Neodymium	150-2	13	20	23	19	26.96	cps
Nickel	60-2	11425	11148	11018	11197	1.86	cps
Phosphorus	31-2	793051	782708	780831	785530	0.84	cps
Potassium	39-2	34964903	34525734	34527463	34672700	0.73	cps
Rhodium	103-1	13584774	13698868	13725389	13669677	0.55	cps
Rhodium	103-2	6494579	6462472	6491845	6482965	0.27	cps
Scandium	45-1	8831548	8760501	8718370	8770140	0.65	cps
Scandium	45-2	430518	424474	426780	427257	0.71	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	115	93	133	114	17.96	cps
Selenium	82-1	17	-29	-112	-41	-156.96	cps
Silicon	28-1	673417	673938	675665	674340	0.17	cps
Silver	109-1	1558	1950	2209	1906	17.18	cps
Silver	107-1	6601	7834	8501	7645	12.61	cps
Sodium	23-2	66964827	65409641	65609093	65994520	1.28	cps
Strontium	86-1	166918	163301	164019	164746	1.16	cps
Strontium	88-1	1387793	1380074	1392742	1386870	0.46	cps
Sulfur	34-1	5457813	5454603	5449214	5453877	0.08	cps
Terbium	159-1	20883726	20830771	20622608	20779035	0.66	cps
Terbium	159-2	9817119	9474174	9501523	9597606	1.99	cps
Thallium	203-1	1717	1817	1984	1839	7.33	cps
Thallium	205-1	3909	4443	4568	4306	8.12	cps
Tin	118-1	4101	3917	4084	4034	2.51	cps
Titanium	47-1	3974726	3956236	3991160	3974041	0.44	cps
Uranium	238-1	1333	1325	1467	1375	5.78	cps
Vanadium	51-2	603	677	643	641	5.73	cps
Yttrium	89-1	15352575	15243988	15428831	15341798	0.61	cps
Yttrium	89-2	2269683	2226391	2233852	2243309	1.03	cps
Zinc	66-2	9657	9443	9263	9454	2.08	cps
Zirconium	90-1	5026	4459	5109	4865	7.27	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:51:44	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1192	1250	1150	1197	4.20	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:55:10	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13956441	13837549	13930502	13908164	0.45	cps
Antimony	121-1	332727	328670	327376	329591	0.85	cps
Arsenic	75-2	11466	11397	11568	11477	0.75	cps
Barium	135-1	82714	80149	80298	81053	1.78	cps
Barium	137-1	143089	141530	143436	142685	0.71	cps
Beryllium	9-1	48160	47363	47335	47619	0.98	cps
Bismuth	209-1	13203484	13101885	12985109	13096826	0.83	cps
Bismuth	209-2	7333885	7282600	7302106	7306197	0.35	cps
Boron	10-1	14366	15024	14916	14769	2.39	cps
Boron	11-1	75204	73094	75497	74598	1.76	cps
Cadmium	111-1	72303	71077	71415	71598	0.88	cps
Cadmium	106-1	15793	16085	15234	15704	2.75	cps
Cadmium	108-1	10421	10187	10187	10265	1.31	cps
Calcium	43-1	4144512	4135709	4135731	4138650	0.12	cps
Calcium	44-1	67931891	68061649	67506427	67833322	0.43	cps
Chromium	52-2	193758	192896	193805	193487	0.26	cps
Cobalt	59-2	166913	168861	168498	168091	0.62	cps
Copper	63-2	164749	164704	165048	164834	0.11	cps
Dysprosium	156-1	75	75	125	92	31.50	cps
Dysprosium	156-2	30	43	37	37	18.18	cps
Erbium	164-1	158	142	133	144	8.81	cps
Erbium	164-2	60	60	53	58	6.67	cps
Gadolinium	160-1	250	225	292	256	13.18	cps
Gadolinium	160-2	83	107	117	102	16.74	cps
Holmium	165-1	20350198	19897613	20325500	20191104	1.26	cps
Holmium	165-2	9733538	9789989	9726232	9749920	0.36	cps
Indium	115-1	15072295	15270096	15187272	15176554	0.65	cps
Indium	115-2	2877911	2901094	2892445	2890484	0.41	cps
Iron	56-2	410802765	412979954	412354487	412045735	0.27	cps
Iron	57-2	10260492	10285722	10294943	10280386	0.17	cps
Lead	206-1	331767	329236	328574	329859	0.51	cps
Lead	207-1	277512	276709	276601	276940	0.18	cps
Lead	208-1	1291209	1283897	1281359	1285488	0.40	cps
Lithium	6-1	1864382	1847594	1836286	1849421	0.76	cps
Magnesium	24-2	35086080	35264300	35096341	35148907	0.28	cps
Manganese	55-2	76192	76759	76400	76451	0.37	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:55:10	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9157303	9128040	9119870	9135071	0.22	cps
Molybdenum	95-1	15346484	15236615	15194477	15259192	0.51	cps
Molybdenum	96-1	16897175	16603623	16709142	16736647	0.89	cps
Molybdenum	97-1	9597414	9549748	9512608	9553256	0.45	cps
Molybdenum	98-1	25077571	24983215	24874418	24978401	0.41	cps
Neodymium	150-1	73	153	67	98	49.32	cps
Neodymium	150-2	23	30	50	34	40.30	cps
Nickel	60-2	52109	53163	52658	52643	1.00	cps
Phosphorus	31-2	799430	808734	810156	806107	0.72	cps
Potassium	39-2	35516266	35824705	35893867	35744946	0.56	cps
Rhodium	103-1	13590246	13634663	13470879	13565263	0.62	cps
Rhodium	103-2	6583187	6587753	6683167	6618036	0.85	cps
Scandium	45-1	8918828	8841858	8836720	8865802	0.52	cps
Scandium	45-2	433506	435563	438324	435798	0.55	cps
Selenium	77-2	310	267	227	268	15.57	cps
Selenium	78-2	817	780	887	828	6.59	cps
Selenium	82-1	4488	4684	4535	4569	2.24	cps
Silicon	28-1	1052913	1049728	1048876	1050506	0.20	cps
Silver	109-1	352138	353743	348547	351476	0.76	cps
Silver	107-1	1423249	1426241	1409632	1419707	0.62	cps
Sodium	23-2	67427320	67905764	68043799	67792295	0.48	cps
Strontium	86-1	354065	345325	351424	350271	1.28	cps
Strontium	88-1	3014337	3007352	2984242	3001977	0.52	cps
Sulfur	34-1	5561476	5447868	5519998	5509781	1.04	cps
Terbium	159-1	20981634	20949129	20544415	20825059	1.17	cps
Terbium	159-2	9696160	9793703	9635229	9708364	0.82	cps
Thallium	203-1	326834	325524	324799	325719	0.32	cps
Thallium	205-1	788267	784716	787712	786898	0.24	cps
Tin	118-1	492972	491023	489526	491174	0.35	cps
Titanium	47-1	4118757	4102114	4057587	4092819	0.77	cps
Uranium	238-1	2268597	2233914	2215016	2239176	1.21	cps
Vanadium	51-2	79241	80072	78682	79332	0.88	cps
Yttrium	89-1	15430946	15112692	15385809	15309816	1.12	cps
Yttrium	89-2	2272526	2288738	2286175	2282480	0.38	cps
Zinc	66-2	25189	25369	25743	25433	1.11	cps
Zirconium	90-1	994993	990115	989916	991674	0.29	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:55:10	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	223106	219058	221030	221065	0.92	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:58:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1576042	1579393	1574895	1576777	0.15	cps
Antimony	121-1	8938804	8873341	8885257	8899134	0.39	cps
Arsenic	75-2	315198	315160	314597	314985	0.11	cps
Barium	135-1	10448895	10537297	10534139	10506777	0.48	cps
Barium	137-1	18236060	18293501	18333773	18287778	0.27	cps
Beryllium	9-1	1275118	1271986	1274825	1273976	0.14	cps
Bismuth	209-1	13589929	13608443	13611719	13603364	0.09	cps
Bismuth	209-2	7648177	7633964	7526174	7602772	0.88	cps
Boron	10-1	172901	176536	175294	174911	1.06	cps
Boron	11-1	869947	886155	889199	881767	1.17	cps
Cadmium	111-1	1935946	1961455	1968950	1955450	0.88	cps
Cadmium	106-1	244365	242417	243273	243352	0.40	cps
Cadmium	108-1	159081	157985	158538	158534	0.35	cps
Calcium	43-1	2248999	2239607	2278457	2255688	0.90	cps
Calcium	44-1	37124273	36923992	37270918	37106394	0.47	cps
Chromium	52-2	2707677	2699230	2687085	2697998	0.38	cps
Cobalt	59-2	4394384	4408514	4382978	4395292	0.29	cps
Copper	63-2	6508667	6484591	6452278	6481845	0.44	cps
Dysprosium	156-1	275	208	242	242	13.79	cps
Dysprosium	156-2	63	43	57	54	18.71	cps
Erbium	164-1	150	117	108	125	17.64	cps
Erbium	164-2	40	40	40	40	0.00	cps
Gadolinium	160-1	292	242	267	267	9.37	cps
Gadolinium	160-2	120	80	103	101	19.87	cps
Holmium	165-1	20373457	20095037	20560067	20342854	1.15	cps
Holmium	165-2	9894929	9904651	9785043	9861541	0.67	cps
Indium	115-1	15386528	15528905	15692093	15535842	0.98	cps
Indium	115-2	2985159	3008882	2993262	2995768	0.40	cps
Iron	56-2	112849897	114252922	114563830	113888883	0.80	cps
Iron	57-2	2721894	2739062	2732716	2731224	0.32	cps
Lead	206-1	7531251	7456907	7560623	7516261	0.71	cps
Lead	207-1	6531977	6535398	6564597	6543991	0.27	cps
Lead	208-1	30007299	29904048	30355542	30088963	0.79	cps
Lithium	6-1	1881807	1872379	1873735	1875974	0.27	cps
Magnesium	24-2	19498235	19631546	19513013	19547598	0.37	cps
Manganese	55-2	3020349	3047408	3039660	3035806	0.46	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:58:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7928340	7835445	7898969	7887585	0.60	cps
Molybdenum	95-1	4041327	4024163	4066014	4043835	0.52	cps
Molybdenum	96-1	5224583	5224553	5253039	5234059	0.31	cps
Molybdenum	97-1	2517643	2526334	2528569	2524182	0.23	cps
Molybdenum	98-1	6878793	6886815	6870575	6878728	0.12	cps
Neodymium	150-1	667	727	680	691	4.56	cps
Neodymium	150-2	63	90	63	72	21.32	cps
Nickel	60-2	1155624	1160010	1154106	1156580	0.27	cps
Phosphorus	31-2	89509	88152	88630	88763	0.78	cps
Potassium	39-2	9996069	10027063	10061748	10028293	0.33	cps
Rhodium	103-1	14324583	14191423	14261558	14259188	0.47	cps
Rhodium	103-2	6838636	6940022	6807576	6862078	1.01	cps
Scandium	45-1	9008730	9049319	9080562	9046204	0.40	cps
Scandium	45-2	454021	456602	452292	454305	0.48	cps
Selenium	77-2	6305	6382	6168	6285	1.72	cps
Selenium	78-2	21327	21084	21212	21208	0.57	cps
Selenium	82-1	128191	126927	128468	127862	0.64	cps
Silicon	28-1	4515508	4554275	4580083	4549955	0.71	cps
Silver	109-1	10417154	10473119	10408762	10433012	0.34	cps
Silver	107-1	42215411	42321653	42200722	42245929	0.16	cps
Sodium	23-2	37769472	37867521	37763229	37800074	0.15	cps
Strontium	86-1	2576631	2585351	2602890	2588291	0.52	cps
Strontium	88-1	22469994	22950100	22806438	22742177	1.08	cps
Sulfur	34-1	1381118	1385552	1387354	1384675	0.23	cps
Terbium	159-1	20747991	20900982	20851610	20833528	0.37	cps
Terbium	159-2	9925710	9877727	9780274	9861237	0.75	cps
Thallium	203-1	9245819	9136191	9326122	9236044	1.03	cps
Thallium	205-1	21734098	21701795	21752375	21729423	0.12	cps
Tin	118-1	7244588	7266724	7352965	7288092	0.79	cps
Titanium	47-1	1103545	1101889	1112381	1105938	0.51	cps
Uranium	238-1	32378500	31831677	32451005	32220394	1.05	cps
Vanadium	51-2	2208652	2221974	2206251	2212292	0.38	cps
Yttrium	89-1	15525321	15721203	15544393	15596972	0.69	cps
Yttrium	89-2	2349350	2363985	2350033	2354456	0.35	cps
Zinc	66-2	889967	892748	899073	893929	0.52	cps
Zirconium	90-1	14567714	14837943	14646166	14683941	0.95	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P7
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 12:58:36	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3162472	3175085	3180169	3172575	0.29	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:14:34	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	83	158	119	31.46	cps
Antimony	121-1	12840	19322	25983	19382	33.91	cps
Arsenic	75-2	83	94	98	92	8.39	cps
Barium	135-1	67	92	108	89	23.59	cps
Barium	137-1	150	183	167	167	10.00	cps
Beryllium	9-1	178	156	189	174	9.75	cps
Bismuth	209-1	13254276	13469449	13373101	13365609	0.81	cps
Bismuth	209-2	7470618	7415407	7387991	7424672	0.57	cps
Boron	10-1	1408	1525	1267	1400	9.24	cps
Boron	11-1	6118	6393	6518	6343	3.23	cps
Cadmium	111-1	538	528	567	544	3.68	cps
Cadmium	106-1	5043	5243	5710	5332	6.42	cps
Cadmium	108-1	4	25	29	19	68.87	cps
Calcium	43-1	367	492	433	431	14.53	cps
Calcium	44-1	16793	16919	16652	16788	0.80	cps
Chromium	52-2	2037	2040	2014	2030	0.72	cps
Cobalt	59-2	147	107	147	133	17.32	cps
Copper	63-2	4424	4284	4451	4386	2.04	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	58	83	92	78	22.30	cps
Erbium	164-2	43	30	20	31	37.62	cps
Gadolinium	160-1	125	117	117	119	4.03	cps
Gadolinium	160-2	83	43	63	63	31.59	cps
Holmium	165-1	19215381	19401447	19412181	19343003	0.57	cps
Holmium	165-2	9418742	9227288	9263455	9303162	1.09	cps
Indium	115-1	14956198	15067714	15223953	15082622	0.89	cps
Indium	115-2	2893656	2849851	2857094	2866867	0.82	cps
Iron	56-2	9904	10404	10421	10243	2.87	cps
Iron	57-2	206	289	172	222	27.04	cps
Lead	206-1	2962	3034	2845	2947	3.23	cps
Lead	207-1	2461	2728	2623	2604	5.16	cps
Lead	208-1	11969	12108	12253	12110	1.17	cps
Lithium	6-1	1790386	1794041	1814889	1799772	0.73	cps
Magnesium	24-2	400	408	400	403	1.20	cps
Manganese	55-2	103	147	113	121	18.73	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:14:34	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1458	2000	2450	1970	25.21	cps
Molybdenum	95-1	1550	2250	2484	2095	23.19	cps
Molybdenum	96-1	1900	2317	3067	2428	24.35	cps
Molybdenum	97-1	1000	1367	1542	1303	21.22	cps
Molybdenum	98-1	2400	3234	4293	3309	28.66	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	213	263	213	230	12.55	cps
Phosphorus	31-2	475	433	400	436	8.62	cps
Potassium	39-2	56459	57153	53916	55843	3.05	cps
Rhodium	103-1	13813056	14172075	14127511	14037547	1.39	cps
Rhodium	103-2	6754549	6591719	6683667	6676645	1.22	cps
Scandium	45-1	8548834	8626241	8635371	8603482	0.55	cps
Scandium	45-2	426019	419767	424794	423527	0.78	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	137	93	104	111	20.82	cps
Selenium	82-1	12	-175	-17	-60	-168.88	cps
Silicon	28-1	513794	516825	514146	514922	0.32	cps
Silver	109-1	367	275	292	311	15.70	cps
Silver	107-1	1508	1142	1233	1295	14.74	cps
Sodium	23-2	44684	44593	43740	44339	1.17	cps
Strontium	86-1	5851	6127	6027	6002	2.32	cps
Strontium	88-1	567	475	583	542	10.77	cps
Sulfur	34-1	674341	670534	670250	671708	0.34	cps
Terbium	159-1	19740599	19587141	20040536	19789425	1.17	cps
Terbium	159-2	9450490	9271471	9292206	9338056	1.05	cps
Thallium	203-1	525	525	483	511	4.71	cps
Thallium	205-1	1308	1150	1208	1222	6.55	cps
Tin	118-1	2284	1959	2342	2195	9.41	cps
Titanium	47-1	142	167	200	169	17.27	cps
Uranium	238-1	217	233	225	225	3.70	cps
Vanadium	51-2	27	33	27	29	13.31	cps
Yttrium	89-1	14780974	15106202	14854989	14914055	1.14	cps
Yttrium	89-2	2222669	2203379	2202214	2209421	0.52	cps
Zinc	66-2	290	277	283	283	2.35	cps
Zirconium	90-1	1725	1842	2659	2075	24.51	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P7
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:14:34	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	433	592	469	23.17	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:18:03	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3025	2667	2734	2809	6.79	cps
Antimony	121-1	34410	36039	36298	35582	2.88	cps
Arsenic	75-2	619	635	600	618	2.85	cps
Barium	135-1	33792	34535	33800	34043	1.25	cps
Barium	137-1	59126	58758	60181	59355	1.24	cps
Beryllium	9-1	2539	2411	2361	2437	3.76	cps
Bismuth	209-1	13284863	13314701	13334994	13311520	0.19	cps
Bismuth	209-2	7571435	7487628	7445663	7501575	0.85	cps
Boron	10-1	8019	8244	8336	8200	1.99	cps
Boron	11-1	39920	40572	40655	40383	1.00	cps
Cadmium	111-1	3725	3491	3947	3721	6.13	cps
Cadmium	106-1	6202	5735	6002	5979	3.92	cps
Cadmium	108-1	379	275	242	299	24.02	cps
Calcium	43-1	18412	19146	18763	18774	1.96	cps
Calcium	44-1	313118	315077	314618	314271	0.33	cps
Chromium	52-2	11551	11575	11691	11606	0.65	cps
Cobalt	59-2	7722	7579	7529	7610	1.32	cps
Copper	63-2	16683	16987	16780	16817	0.92	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	67	67	58	64	7.53	cps
Erbium	164-2	70	57	33	53	34.80	cps
Gadolinium	160-1	142	125	200	156	25.32	cps
Gadolinium	160-2	73	67	57	66	12.79	cps
Holmium	165-1	19225400	19367750	19669269	19420807	1.17	cps
Holmium	165-2	9476068	9412163	9458245	9448825	0.35	cps
Indium	115-1	14996446	15121327	15288876	15135550	0.97	cps
Indium	115-2	2914948	2905783	2901225	2907319	0.24	cps
Iron	56-2	198641	198867	200377	199295	0.47	cps
Iron	57-2	4445	4845	4895	4729	5.22	cps
Lead	206-1	15749	15982	15788	15839	0.79	cps
Lead	207-1	13602	13552	14414	13856	3.49	cps
Lead	208-1	62943	63149	64696	63596	1.51	cps
Lithium	6-1	1808232	1816730	1825440	1816801	0.47	cps
Magnesium	24-2	158623	157276	156670	157523	0.63	cps
Manganese	55-2	2834	2837	2820	2830	0.31	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:18:03	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	27594	28822	28738	28385	2.42	cps
Molybdenum	95-1	33825	34184	33799	33936	0.63	cps
Molybdenum	96-1	38503	37626	38678	38269	1.47	cps
Molybdenum	97-1	20666	21333	21851	21283	2.79	cps
Molybdenum	98-1	53142	53627	54890	53886	1.67	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	2180	2477	2344	2334	6.37	cps
Phosphorus	31-2	400	350	350	367	7.87	cps
Potassium	39-2	211469	211243	212787	211833	0.39	cps
Rhodium	103-1	13953609	14000825	14081694	14012043	0.46	cps
Rhodium	103-2	6846515	6744860	6752228	6781201	0.84	cps
Scandium	45-1	8542458	8589348	8711896	8614567	1.02	cps
Scandium	45-2	428309	428773	424949	427344	0.49	cps
Selenium	77-2	43	47	60	50	17.64	cps
Selenium	78-2	293	281	272	282	3.62	cps
Selenium	82-1	1222	1019	862	1034	17.47	cps
Silicon	28-1	586834	592590	589466	589630	0.49	cps
Silver	109-1	22135	23303	23070	22836	2.71	cps
Silver	107-1	90426	93489	92947	92287	1.77	cps
Sodium	23-2	352227	350506	350555	351096	0.28	cps
Strontium	86-1	10162	11046	10546	10585	4.19	cps
Strontium	88-1	40659	40676	39188	40174	2.13	cps
Sulfur	34-1	695839	680331	683140	686436	1.20	cps
Terbium	159-1	19951199	19877771	20146704	19991891	0.70	cps
Terbium	159-2	9450680	9459584	9439877	9450047	0.10	cps
Thallium	203-1	16494	15718	15585	15932	3.08	cps
Thallium	205-1	37571	37170	36292	37011	1.77	cps
Tin	118-1	58137	57159	59158	58152	1.72	cps
Titanium	47-1	8995	9403	8728	9042	3.76	cps
Uranium	238-1	51578	51528	50892	51333	0.74	cps
Vanadium	51-2	17828	17801	17988	17872	0.57	cps
Yttrium	89-1	14941866	14870965	15034089	14948974	0.55	cps
Yttrium	89-2	2224713	2234540	2223293	2227515	0.27	cps
Zinc	66-2	1830	1850	1994	1891	4.71	cps
Zirconium	90-1	25081	25248	25857	25396	1.61	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:18:03	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5543	5860	5710	5704	2.78	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BLRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:21:31	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	50	61	31.50	cps
Antimony	121-1	2617	2950	3617	3062	16.64	cps
Arsenic	75-2	57	44	65	56	18.56	cps
Barium	135-1	83	50	42	58	37.80	cps
Barium	137-1	108	133	167	136	21.50	cps
Beryllium	9-1	150	144	128	141	8.22	cps
Bismuth	209-1	14103702	14081839	14209901	14131814	0.48	cps
Bismuth	209-2	7797892	7805636	7763776	7789101	0.29	cps
Boron	10-1	1167	1075	1042	1095	5.91	cps
Boron	11-1	5510	5134	4859	5168	6.32	cps
Cadmium	111-1	553	609	603	588	5.27	cps
Cadmium	106-1	5401	5968	5901	5757	5.38	cps
Cadmium	108-1	25	17	8	17	50.01	cps
Calcium	43-1	450	325	300	358	22.43	cps
Calcium	44-1	15033	15117	14841	14997	0.94	cps
Chromium	52-2	1700	1527	1607	1611	5.38	cps
Cobalt	59-2	117	150	97	121	22.24	cps
Copper	63-2	4171	4294	4364	4276	2.29	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	58	75	67	67	12.49	cps
Erbium	164-2	30	37	33	33	10.01	cps
Gadolinium	160-1	158	167	125	150	14.70	cps
Gadolinium	160-2	37	70	70	59	32.68	cps
Holmium	165-1	20403549	20095558	20462999	20320702	0.97	cps
Holmium	165-2	9773392	9672605	9679627	9708541	0.58	cps
Indium	115-1	15831762	15965190	16015751	15937568	0.60	cps
Indium	115-2	3008881	2997216	2983011	2996370	0.43	cps
Iron	56-2	8414	7930	7813	8052	3.95	cps
Iron	57-2	172	222	200	198	12.64	cps
Lead	206-1	2945	2717	2645	2769	5.66	cps
Lead	207-1	2411	2256	2484	2384	4.88	cps
Lead	208-1	11208	10835	10669	10904	2.53	cps
Lithium	6-1	1900927	1918945	1917313	1912395	0.52	cps
Magnesium	24-2	392	350	333	358	8.38	cps
Manganese	55-2	73	60	77	70	12.60	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BLRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:21:31	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	1192	1075	997	24.35	cps
Molybdenum	95-1	642	792	1175	870	31.64	cps
Molybdenum	96-1	842	1192	1358	1131	23.33	cps
Molybdenum	97-1	550	642	733	642	14.29	cps
Molybdenum	98-1	1142	1508	2059	1570	29.40	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	223	263	227	238	9.33	cps
Phosphorus	31-2	442	392	292	375	20.37	cps
Potassium	39-2	55631	55078	55045	55251	0.60	cps
Rhodium	103-1	14675165	14782900	14738346	14732137	0.37	cps
Rhodium	103-2	7092556	6989974	7006453	7029661	0.78	cps
Scandium	45-1	9012599	9029079	9069972	9037216	0.33	cps
Scandium	45-2	439105	442349	440273	440576	0.37	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	128	133	126	129	2.99	cps
Selenium	82-1	-173	-281	-136	-197	-38.37	cps
Silicon	28-1	479537	481496	474618	478550	0.74	cps
Silver	109-1	333	233	300	289	17.62	cps
Silver	107-1	1350	1083	1275	1236	11.13	cps
Sodium	23-2	36746	37581	37556	37295	1.27	cps
Strontium	86-1	6052	6018	6110	6060	0.77	cps
Strontium	88-1	508	400	433	447	12.41	cps
Sulfur	34-1	692694	684431	697515	691547	0.96	cps
Terbium	159-1	20841447	21099994	20929180	20956873	0.63	cps
Terbium	159-2	9704227	9806294	9674643	9728388	0.71	cps
Thallium	203-1	383	333	408	375	10.18	cps
Thallium	205-1	892	1042	925	953	8.27	cps
Tin	118-1	1208	1425	1467	1367	10.15	cps
Titanium	47-1	183	192	158	178	9.76	cps
Uranium	238-1	225	267	183	225	18.52	cps
Vanadium	51-2	17	17	27	20	28.86	cps
Yttrium	89-1	15647043	15755340	15657491	15686624	0.38	cps
Yttrium	89-2	2305311	2299570	2302980	2302620	0.13	cps
Zinc	66-2	167	130	183	160	17.05	cps
Zirconium	90-1	1125	1008	1183	1106	8.06	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BLRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BLRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:21:31	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	217	250	250	13.33	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BSRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:25:00	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1506705	1507725	1506922	1507117	0.04	cps
Antimony	121-1	8670361	8807405	8578442	8685403	1.33	cps
Arsenic	75-2	308131	306961	304937	306676	0.53	cps
Barium	135-1	10200956	10330704	10255130	10262263	0.64	cps
Barium	137-1	17875997	17947179	17757533	17860236	0.54	cps
Beryllium	9-1	1272598	1268140	1266240	1268993	0.26	cps
Bismuth	209-1	13414570	13379604	13402694	13398956	0.13	cps
Bismuth	209-2	7489139	7518130	7447143	7484804	0.48	cps
Boron	10-1	168957	171249	173187	171131	1.24	cps
Boron	11-1	853746	860670	865978	860131	0.71	cps
Cadmium	111-1	1931391	1936531	1943101	1937008	0.30	cps
Cadmium	106-1	243332	242705	242586	242874	0.17	cps
Cadmium	108-1	156920	159241	158142	158101	0.73	cps
Calcium	43-1	2200523	2211065	2207373	2206321	0.24	cps
Calcium	44-1	36274142	36379284	36266112	36306513	0.17	cps
Chromium	52-2	2607581	2619097	2613635	2613438	0.22	cps
Cobalt	59-2	4269558	4273899	4258381	4267280	0.19	cps
Copper	63-2	6331384	6304507	6285256	6307049	0.37	cps
Dysprosium	156-1	200	233	258	231	12.69	cps
Dysprosium	156-2	57	67	73	66	12.79	cps
Erbium	164-1	92	92	83	89	5.41	cps
Erbium	164-2	33	43	33	37	15.75	cps
Gadolinium	160-1	217	300	208	242	20.98	cps
Gadolinium	160-2	147	117	83	116	27.41	cps
Holmium	165-1	20060773	19883979	20141859	20028870	0.66	cps
Holmium	165-2	9732301	9635417	9639308	9669009	0.57	cps
Indium	115-1	15235579	15355175	15245277	15278677	0.43	cps
Indium	115-2	2899645	2890236	2878659	2889513	0.36	cps
Iron	56-2	110472814	110473883	109623194	110189964	0.45	cps
Iron	57-2	2643879	2641694	2652699	2646091	0.22	cps
Lead	206-1	7459004	7379204	7385073	7407760	0.60	cps
Lead	207-1	6441553	6441774	6445907	6443078	0.04	cps
Lead	208-1	29722559	29556808	29614349	29631239	0.28	cps
Lithium	6-1	1878243	1874057	1867803	1873368	0.28	cps
Magnesium	24-2	18803493	18800846	18760462	18788267	0.13	cps
Manganese	55-2	2934369	2933172	2915391	2927644	0.36	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BSRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:25:00	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7687742	7673149	7674383	7678424	0.11	cps
Molybdenum	95-1	3971017	3956999	3974106	3967374	0.23	cps
Molybdenum	96-1	5102022	5116571	5116588	5111727	0.16	cps
Molybdenum	97-1	2468439	2470580	2466348	2468456	0.09	cps
Molybdenum	98-1	6661338	6645539	6678670	6661849	0.25	cps
Neodymium	150-1	647	607	647	633	3.65	cps
Neodymium	150-2	73	67	63	68	7.51	cps
Nickel	60-2	1124328	1133522	1127138	1128329	0.42	cps
Phosphorus	31-2	86417	86047	85428	85964	0.58	cps
Potassium	39-2	9652590	9585852	9593373	9610605	0.38	cps
Rhodium	103-1	13907352	13814914	13959215	13893827	0.53	cps
Rhodium	103-2	6671019	6659587	6619946	6650184	0.40	cps
Scandium	45-1	8807704	8794903	8790334	8797647	0.10	cps
Scandium	45-2	435998	430921	430684	432535	0.69	cps
Selenium	77-2	6121	6181	5998	6100	1.53	cps
Selenium	78-2	21308	20961	20965	21078	0.94	cps
Selenium	82-1	127705	127132	126255	127031	0.58	cps
Silicon	28-1	4350010	4409171	4385091	4381424	0.68	cps
Silver	109-1	10259206	10291296	10283864	10278122	0.16	cps
Silver	107-1	41585496	41723332	41624449	41644425	0.17	cps
Sodium	23-2	36302345	36082912	36424685	36269981	0.48	cps
Strontium	86-1	2539646	2535410	2505098	2526718	0.75	cps
Strontium	88-1	22487146	22547101	22222177	22418808	0.77	cps
Sulfur	34-1	1426458	1428646	1430941	1428682	0.16	cps
Terbium	159-1	20444448	20467446	20394664	20435520	0.18	cps
Terbium	159-2	9594775	9734743	9641485	9657001	0.74	cps
Thallium	203-1	9080524	9059811	9149495	9096610	0.52	cps
Thallium	205-1	21349091	21286937	21343310	21326446	0.16	cps
Tin	118-1	7191762	7127650	7206079	7175164	0.58	cps
Titanium	47-1	1079069	1085566	1088006	1084214	0.43	cps
Uranium	238-1	31940660	31802369	31696478	31813169	0.38	cps
Vanadium	51-2	2138686	2128328	2139556	2135524	0.29	cps
Yttrium	89-1	15218844	15282596	15099499	15200313	0.61	cps
Yttrium	89-2	2280106	2278969	2249683	2269586	0.76	cps
Zinc	66-2	872505	873080	873502	873029	0.06	cps
Zirconium	90-1	14432709	14372134	14339884	14381576	0.33	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98735BSRE	Instrumnet Name :	P7
Client Sample ID :	PB98735BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:25:00	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3110562	3112105	3113852	3112173	0.05	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:28:21	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11989	10955	12714	11886	7.44	cps
Antimony	121-1	84244	92102	103169	93172	10.20	cps
Arsenic	75-2	25144	25098	25248	25163	0.31	cps
Barium	135-1	114073	114637	114989	114567	0.40	cps
Barium	137-1	203333	201510	204085	202976	0.65	cps
Beryllium	9-1	306	278	317	300	6.68	cps
Bismuth	209-1	13434704	13298408	13564312	13432475	0.99	cps
Bismuth	209-2	6861437	7093192	6827283	6927304	2.09	cps
Boron	10-1	17986	18170	16585	17580	4.93	cps
Boron	11-1	93858	89020	88828	90568	3.15	cps
Cadmium	111-1	2046	1817	1615	1826	11.81	cps
Cadmium	106-1	5626	5210	5068	5301	5.48	cps
Cadmium	108-1	175	100	92	122	37.55	cps
Calcium	43-1	4982667	4909552	4796509	4896243	1.92	cps
Calcium	44-1	79124587	77709112	76563933	77799211	1.65	cps
Chromium	52-2	5781	5715	5658	5718	1.08	cps
Cobalt	59-2	2890	3004	2944	2946	1.92	cps
Copper	63-2	110563	112008	109140	110570	1.30	cps
Dysprosium	156-1	1909	1517	1567	1664	12.81	cps
Dysprosium	156-2	813	730	810	784	6.02	cps
Erbium	164-1	1842	1767	1675	1761	4.74	cps
Erbium	164-2	843	803	847	831	2.90	cps
Gadolinium	160-1	1775	1792	1709	1759	2.51	cps
Gadolinium	160-2	937	803	1023	921	12.03	cps
Holmium	165-1	19231487	19677033	19360008	19422843	1.18	cps
Holmium	165-2	9095518	9051523	9000256	9049099	0.53	cps
Indium	115-1	14659863	14795474	14760211	14738516	0.48	cps
Indium	115-2	2619471	2607570	2605326	2610789	0.29	cps
Iron	56-2	28237802	28323335	28135566	28232234	0.33	cps
Iron	57-2	679840	681234	674617	678564	0.51	cps
Lead	206-1	12990	11316	11277	11861	8.24	cps
Lead	207-1	10477	9932	8831	9746	8.60	cps
Lead	208-1	48802	44903	42333	45346	7.18	cps
Lithium	6-1	1961889	1969085	1997415	1976130	0.95	cps
Magnesium	24-2	11142579	11021511	11101336	11088475	0.56	cps
Manganese	55-2	1294598	1298471	1291862	1294977	0.26	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:28:21	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8319	8820	11080	9406	15.64	cps
Molybdenum	95-1	8444	10629	11697	10257	16.16	cps
Molybdenum	96-1	10713	11939	14558	12403	15.84	cps
Molybdenum	97-1	5785	6385	7828	6666	15.75	cps
Molybdenum	98-1	14858	17253	20031	17381	14.90	cps
Neodymium	150-1	2094	2100	2200	2131	2.80	cps
Neodymium	150-2	773	807	773	784	2.45	cps
Nickel	60-2	2444	2330	2234	2336	4.50	cps
Phosphorus	31-2	1217	1225	983	1142	12.02	cps
Potassium	39-2	1725174	1705052	1705808	1712011	0.67	cps
Rhodium	103-1	12910747	13069896	12903208	12961284	0.73	cps
Rhodium	103-2	6139651	6101426	6092702	6111260	0.41	cps
Scandium	45-1	7966331	7889197	7720312	7858613	1.60	cps
Scandium	45-2	351023	350090	350359	350491	0.14	cps
Selenium	77-2	43	37	37	39	9.89	cps
Selenium	78-2	117	128	139	128	8.69	cps
Selenium	82-1	195	134	44	125	61.16	cps
Silicon	28-1	51270186	49901197	49536527	50235970	1.82	cps
Silver	109-1	24447	20883	18396	21242	14.32	cps
Silver	107-1	98957	84074	74059	85697	14.62	cps
Sodium	23-2	22498310	22317096	22135615	22317007	0.81	cps
Strontium	86-1	3262134	3250896	3222924	3245318	0.62	cps
Strontium	88-1	29083316	28754208	28612726	28816750	0.84	cps
Sulfur	34-1	1563423	1531735	1511564	1535574	1.70	cps
Terbium	159-1	19755427	19704286	19880621	19780111	0.46	cps
Terbium	159-2	8952334	8994295	8952455	8966361	0.27	cps
Thallium	203-1	5443	3892	3076	4137	29.07	cps
Thallium	205-1	13641	9287	7127	10018	33.12	cps
Tin	118-1	18388	19039	20324	19250	5.12	cps
Titanium	47-1	12664	12865	13148	12892	1.89	cps
Uranium	238-1	79375	79762	81143	80093	1.16	cps
Vanadium	51-2	2297	2344	2210	2284	2.96	cps
Yttrium	89-1	14247661	14253462	14096537	14199220	0.63	cps
Yttrium	89-2	1966542	1951084	1953418	1957015	0.43	cps
Zinc	66-2	5881	5821	6125	5942	2.70	cps
Zirconium	90-1	8636	9537	10680	9618	10.65	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:28:21	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2075	1917	2484	2159	13.55	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:31:48	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12106	11955	11688	11917	1.77	cps
Antimony	121-1	23938	25816	27762	25839	7.40	cps
Arsenic	75-2	24888	24348	24803	24680	1.18	cps
Barium	135-1	116208	113536	112428	114057	1.70	cps
Barium	137-1	200638	197434	197520	198531	0.92	cps
Beryllium	9-1	167	228	194	196	15.59	cps
Bismuth	209-1	13638453	13352796	13348711	13446653	1.24	cps
Bismuth	209-2	7064192	6803655	6796936	6888261	2.21	cps
Boron	10-1	15016	14991	15842	15283	3.17	cps
Boron	11-1	80489	79107	80783	80126	1.12	cps
Cadmium	111-1	794	803	690	763	8.26	cps
Cadmium	106-1	4526	5118	4443	4695	7.84	cps
Cadmium	108-1	33	29	29	31	7.86	cps
Calcium	43-1	4539303	4541738	4532642	4537894	0.10	cps
Calcium	44-1	74899727	74711979	73888291	74499999	0.72	cps
Chromium	52-2	5925	6115	5878	5972	2.10	cps
Cobalt	59-2	2930	2964	2784	2893	3.31	cps
Copper	63-2	103966	103452	102878	103432	0.53	cps
Dysprosium	156-1	1875	1500	1842	1739	11.94	cps
Dysprosium	156-2	807	777	763	782	2.84	cps
Erbium	164-1	1892	1575	1909	1792	10.48	cps
Erbium	164-2	817	743	837	799	6.15	cps
Gadolinium	160-1	1725	1625	1767	1706	4.27	cps
Gadolinium	160-2	890	937	937	921	2.93	cps
Holmium	165-1	19707319	19613708	19794288	19705105	0.46	cps
Holmium	165-2	8952630	9054257	9009150	9005346	0.57	cps
Indium	115-1	14865040	14544998	14405965	14605335	1.61	cps
Indium	115-2	2564801	2583928	2567838	2572189	0.40	cps
Iron	56-2	27905723	27873042	27893553	27890773	0.06	cps
Iron	57-2	661070	665717	673116	666635	0.91	cps
Lead	206-1	9359	9153	9342	9285	1.23	cps
Lead	207-1	7508	7363	7197	7356	2.12	cps
Lead	208-1	35263	34936	34084	34761	1.75	cps
Lithium	6-1	1880531	1840605	1820776	1847304	1.65	cps
Magnesium	24-2	10827654	10794180	10821694	10814509	0.17	cps
Manganese	55-2	1269638	1263520	1274258	1269139	0.42	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:31:48	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7030	4443	5159	5544	24.09	cps
Molybdenum	95-1	4684	5018	5660	5121	9.68	cps
Molybdenum	96-1	5476	5851	6677	6002	10.23	cps
Molybdenum	97-1	2967	3351	3484	3267	8.21	cps
Molybdenum	98-1	7953	9112	9195	8753	7.93	cps
Neodymium	150-1	1920	2067	1934	1974	4.11	cps
Neodymium	150-2	693	743	833	757	9.38	cps
Nickel	60-2	2324	2117	2154	2198	5.02	cps
Phosphorus	31-2	1167	1008	925	1033	11.88	cps
Potassium	39-2	1659351	1657685	1652008	1656348	0.23	cps
Rhodium	103-1	12971829	12871915	12771761	12871835	0.78	cps
Rhodium	103-2	6077691	6104947	6019976	6067538	0.72	cps
Scandium	45-1	7595240	7637832	7515350	7582808	0.82	cps
Scandium	45-2	343024	346110	345679	344938	0.48	cps
Selenium	77-2	10	20	50	27	78.06	cps
Selenium	78-2	104	124	111	113	9.13	cps
Selenium	82-1	-108	-213	126	-65	-268.63	cps
Silicon	28-1	47696227	47479254	47162857	47446113	0.57	cps
Silver	109-1	10129	9687	8461	9426	9.17	cps
Silver	107-1	40641	39165	35379	38395	7.07	cps
Sodium	23-2	21898742	21700169	21824194	21807702	0.46	cps
Strontium	86-1	3206392	3125436	3123985	3151938	1.50	cps
Strontium	88-1	28482871	27819891	27745091	28015951	1.45	cps
Sulfur	34-1	1463072	1443346	1434503	1446973	1.01	cps
Terbium	159-1	19795526	19993791	19765223	19851513	0.63	cps
Terbium	159-2	8931420	8951843	8950345	8944536	0.13	cps
Thallium	203-1	508	583	542	544	6.90	cps
Thallium	205-1	1450	1208	1325	1328	9.10	cps
Tin	118-1	14166	14041	14742	14316	2.61	cps
Titanium	47-1	13507	13440	13056	13334	1.82	cps
Uranium	238-1	80381	79643	80004	80009	0.46	cps
Vanadium	51-2	2137	2424	2334	2298	6.38	cps
Yttrium	89-1	14137115	13979375	13872534	13996341	0.95	cps
Yttrium	89-2	1933205	1926618	1933294	1931039	0.20	cps
Zinc	66-2	5384	5651	5551	5529	2.44	cps
Zirconium	90-1	4768	5093	5310	5057	5.39	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	S36-0106DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:31:48	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1108	1309	1342	1253	10.07	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01LREX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 13:35:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500	2484	3009	2664	11.21	cps
Antimony	121-1	3742	3776	4334	3951	8.42	cps
Arsenic	75-2	5460	5318	5379	5386	1.33	cps
Barium	135-1	24756	24072	23704	24177	2.21	cps
Barium	137-1	42549	42750	41295	42198	1.87	cps
Beryllium	9-1	172	139	156	156	10.72	cps
Bismuth	209-1	13910589	13955898	13690154	13852214	1.03	cps
Bismuth	209-2	7344652	7391243	7366184	7367359	0.32	cps
Boron	10-1	4059	4376	4476	4304	5.06	cps
Boron	11-1	22651	22701	23052	22801	0.96	cps
Cadmium	111-1	581	599	548	576	4.55	cps
Cadmium	106-1	5268	5076	4768	5037	5.01	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	975493	966148	974961	972201	0.54	cps
Calcium	44-1	15972276	15939820	15999083	15970393	0.19	cps
Chromium	52-2	2557	2490	2394	2480	3.31	cps
Cobalt	59-2	750	613	677	680	10.06	cps
Copper	63-2	46932	46567	46577	46692	0.44	cps
Dysprosium	156-1	333	275	433	347	23.06	cps
Dysprosium	156-2	153	180	183	172	9.55	cps
Erbium	164-1	367	400	292	353	15.73	cps
Erbium	164-2	200	193	230	208	9.40	cps
Gadolinium	160-1	467	475	408	450	8.07	cps
Gadolinium	160-2	273	247	250	257	5.66	cps
Holmium	165-1	20053553	20056330	20281376	20130420	0.65	cps
Holmium	165-2	9389585	9426139	9337763	9384496	0.47	cps
Indium	115-1	15380228	15237902	15045285	15221138	1.10	cps
Indium	115-2	2718745	2721620	2738815	2726393	0.40	cps
Iron	56-2	6038228	6039695	6049983	6042635	0.11	cps
Iron	57-2	145099	144937	144706	144914	0.14	cps
Lead	206-1	2906	2950	2750	2869	3.66	cps
Lead	207-1	2528	2384	2284	2398	5.13	cps
Lead	208-1	11291	11180	10852	11108	2.05	cps
Lithium	6-1	1824706	1823048	1785750	1811168	1.22	cps
Magnesium	24-2	2323550	2322793	2336020	2327454	0.32	cps
Manganese	55-2	275231	276208	277631	276357	0.44	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01LREX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 13:35:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1417	1550	1650	1539	7.61	cps
Molybdenum	95-1	1433	1600	2034	1689	18.34	cps
Molybdenum	96-1	1750	2025	2284	2020	13.21	cps
Molybdenum	97-1	1067	1342	1367	1258	13.23	cps
Molybdenum	98-1	2417	3276	3192	2962	15.99	cps
Neodymium	150-1	480	460	413	451	7.58	cps
Neodymium	150-2	133	147	170	150	12.37	cps
Nickel	60-2	743	700	817	753	7.83	cps
Phosphorus	31-2	392	508	525	475	15.29	cps
Potassium	39-2	399665	403382	403129	402059	0.52	cps
Rhodium	103-1	13767845	13833145	13893674	13831555	0.45	cps
Rhodium	103-2	6554674	6513248	6497116	6521680	0.46	cps
Scandium	45-1	8147374	8180704	8101466	8143181	0.49	cps
Scandium	45-2	374335	373479	375631	374482	0.29	cps
Selenium	77-2	10	20	13	14	35.26	cps
Selenium	78-2	85	128	91	101	22.87	cps
Selenium	82-1	3	-223	42	-59	-241.85	cps
Silicon	28-1	10716850	10641959	10652386	10670398	0.38	cps
Silver	109-1	3959	3992	3867	3940	1.64	cps
Silver	107-1	15770	16053	15661	15828	1.28	cps
Sodium	23-2	4752103	4768559	4803076	4774580	0.54	cps
Strontium	86-1	679566	673871	657449	670295	1.71	cps
Strontium	88-1	5964925	5920116	5850057	5911699	0.98	cps
Sulfur	34-1	792283	786311	783368	787320	0.58	cps
Terbium	159-1	20919294	20803085	20616719	20779699	0.73	cps
Terbium	159-2	9301010	9219499	9273381	9264630	0.45	cps
Thallium	203-1	175	167	108	150	24.22	cps
Thallium	205-1	483	525	525	511	4.71	cps
Tin	118-1	2692	2525	2759	2659	4.52	cps
Titanium	47-1	2625	2884	2825	2778	4.88	cps
Uranium	238-1	15952	16069	16912	16311	3.21	cps
Vanadium	51-2	553	493	507	518	6.08	cps
Yttrium	89-1	14961607	14759837	14666751	14796065	1.02	cps
Yttrium	89-2	2048890	2060393	2069553	2059612	0.50	cps
Zinc	66-2	1623	1513	1507	1548	4.23	cps
Zirconium	90-1	1267	1408	1784	1486	17.97	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01LREX5	Instrumnet Name :	P7
Client Sample ID :	S36-0106LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 13:35:16	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	442	392	411	6.52	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-02RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:38:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1199811	1191028	1191625	1194155	0.41	cps
Antimony	121-1	8190011	8226277	8227489	8214593	0.26	cps
Arsenic	75-2	282880	282911	282572	282787	0.07	cps
Barium	135-1	9964824	10143363	10099043	10069077	0.92	cps
Barium	137-1	17476471	17651569	17360908	17496316	0.84	cps
Beryllium	9-1	1032494	1027520	1012682	1024232	1.01	cps
Bismuth	209-1	13085003	12975061	12897865	12985976	0.72	cps
Bismuth	209-2	6565634	6567161	6573124	6568640	0.06	cps
Boron	10-1	304947	309515	301878	305446	1.26	cps
Boron	11-1	1514462	1534951	1521414	1523609	0.68	cps
Cadmium	111-1	1723476	1737307	1738957	1733246	0.49	cps
Cadmium	106-1	212612	216149	213578	214113	0.85	cps
Cadmium	108-1	142541	141195	140105	141280	0.86	cps
Calcium	43-1	6570521	6571949	6543618	6562029	0.24	cps
Calcium	44-1	104223771	104015388	103967944	104069034	0.13	cps
Chromium	52-2	2209815	2211301	2202532	2207883	0.21	cps
Cobalt	59-2	3606582	3610388	3597860	3604943	0.18	cps
Copper	63-2	5500226	5460100	5495032	5485119	0.40	cps
Dysprosium	156-1	2200	2150	2300	2217	3.45	cps
Dysprosium	156-2	850	780	803	811	4.39	cps
Erbium	164-1	10921	10213	10796	10643	3.56	cps
Erbium	164-2	5118	4984	4948	5017	1.78	cps
Gadolinium	160-1	2859	3026	2609	2831	7.41	cps
Gadolinium	160-2	1307	1323	1320	1317	0.67	cps
Holmium	165-1	18856691	18902799	19050011	18936500	0.53	cps
Holmium	165-2	8773621	8814595	8848882	8812366	0.43	cps
Indium	115-1	13629756	13660922	13665588	13652088	0.14	cps
Indium	115-2	2414554	2406709	2409577	2410280	0.16	cps
Iron	56-2	121328725	120856719	120163042	120782829	0.49	cps
Iron	57-2	2921873	2914218	2911700	2915930	0.18	cps
Lead	206-1	7661370	7770730	7745479	7725860	0.74	cps
Lead	207-1	6208273	6253287	6255079	6238880	0.43	cps
Lead	208-1	29748361	29956862	29907640	29870954	0.36	cps
Lithium	6-1	1768819	1758657	1761526	1763001	0.30	cps
Magnesium	24-2	26101515	25775567	25757155	25878079	0.75	cps
Manganese	55-2	3649392	3628327	3627140	3634953	0.34	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-02RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:38:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9258347	9235322	9167598	9220422	0.51	cps
Molybdenum	95-1	7660932	7700202	7595659	7652264	0.69	cps
Molybdenum	96-1	9282196	9328353	9245380	9285310	0.45	cps
Molybdenum	97-1	4666464	4678509	4648661	4664545	0.32	cps
Molybdenum	98-1	12648240	12789482	12604848	12680857	0.76	cps
Neodymium	150-1	3034	2960	2960	2985	1.42	cps
Neodymium	150-2	887	900	830	872	4.26	cps
Nickel	60-2	970984	964950	969632	968522	0.33	cps
Phosphorus	31-2	992	950	933	958	3.14	cps
Potassium	39-2	9080532	9016210	9100895	9065879	0.49	cps
Rhodium	103-1	12271521	12295077	12164120	12243572	0.57	cps
Rhodium	103-2	5670355	5670432	5709093	5683293	0.39	cps
Scandium	45-1	7300904	7281554	7258575	7280344	0.29	cps
Scandium	45-2	335254	334105	337328	335562	0.49	cps
Selenium	77-2	5081	5064	5001	5049	0.84	cps
Selenium	78-2	17004	16893	16988	16962	0.35	cps
Selenium	82-1	112819	113110	113150	113027	0.16	cps
Silicon	28-1	51779709	51990997	51465755	51745487	0.51	cps
Silver	109-1	4409935	4389964	4412192	4404030	0.28	cps
Silver	107-1	17837807	17782194	17823283	17814428	0.16	cps
Sodium	23-2	51471067	51043346	51405356	51306590	0.45	cps
Strontium	86-1	5632176	5686095	5410640	5576304	2.62	cps
Strontium	88-1	47949234	48197110	47771317	47972554	0.45	cps
Sulfur	34-1	1432998	1432792	1418668	1428153	0.58	cps
Terbium	159-1	19373246	19497003	19373290	19414513	0.37	cps
Terbium	159-2	8785392	8699278	8739433	8741368	0.49	cps
Thallium	203-1	8995025	9018280	9035885	9016396	0.23	cps
Thallium	205-1	21099916	21198563	21448734	21249071	0.85	cps
Tin	118-1	13150719	13138802	13192817	13160780	0.22	cps
Titanium	47-1	1863843	1858732	1843563	1855379	0.57	cps
Uranium	238-1	32073789	32140562	31960596	32058316	0.28	cps
Vanadium	51-2	1765745	1763217	1764681	1764548	0.07	cps
Yttrium	89-1	13524578	13521784	13541893	13529418	0.08	cps
Yttrium	89-2	1872092	1879372	1878207	1876557	0.21	cps
Zinc	66-2	733432	727537	729768	730246	0.41	cps
Zirconium	90-1	12709888	12806055	12817315	12777752	0.46	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-02RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:38:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2766815	2784965	2777261	2776347	0.33	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-03RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:42:08	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1169923	1182862	1182736	1178507	0.63	cps
Antimony	121-1	8095772	8110741	8230288	8145601	0.91	cps
Arsenic	75-2	277640	279868	278788	278765	0.40	cps
Barium	135-1	9927568	10008189	9864746	9933501	0.72	cps
Barium	137-1	17221747	17493404	17123344	17279498	1.11	cps
Beryllium	9-1	1011448	1016544	1014364	1014119	0.25	cps
Bismuth	209-1	12896369	12997587	12912367	12935441	0.42	cps
Bismuth	209-2	6526351	6541207	6597683	6555080	0.57	cps
Boron	10-1	307542	309631	312054	309742	0.73	cps
Boron	11-1	1505672	1537301	1531238	1524737	1.10	cps
Cadmium	111-1	1714635	1719001	1732560	1722065	0.54	cps
Cadmium	106-1	214982	212783	214346	214037	0.53	cps
Cadmium	108-1	140063	141111	141027	140734	0.41	cps
Calcium	43-1	6264204	6389652	6367077	6340311	1.05	cps
Calcium	44-1	100141465	101090163	101428775	100886801	0.66	cps
Chromium	52-2	2163679	2174501	2172807	2170329	0.27	cps
Cobalt	59-2	3535103	3559607	3566829	3553846	0.47	cps
Copper	63-2	5403580	5456624	5434043	5431416	0.49	cps
Dysprosium	156-1	2192	2300	2425	2306	5.07	cps
Dysprosium	156-2	923	903	920	916	1.17	cps
Erbium	164-1	10396	11213	11372	10994	4.76	cps
Erbium	164-2	4551	4818	4784	4718	3.08	cps
Gadolinium	160-1	2575	2759	2667	2667	3.44	cps
Gadolinium	160-2	1247	1373	1363	1328	5.30	cps
Holmium	165-1	19131177	19090192	19168036	19129802	0.20	cps
Holmium	165-2	8828280	8901329	8902362	8877324	0.48	cps
Indium	115-1	13497844	13527620	13518672	13514712	0.11	cps
Indium	115-2	2378944	2398394	2406703	2394680	0.59	cps
Iron	56-2	119154139	120543972	120239947	119979353	0.61	cps
Iron	57-2	2861878	2883639	2876915	2874144	0.39	cps
Lead	206-1	7825095	7724506	7798580	7782727	0.67	cps
Lead	207-1	6240205	6267287	6308200	6271897	0.55	cps
Lead	208-1	30078758	30003093	30365257	30149036	0.63	cps
Lithium	6-1	1719195	1733629	1725131	1725985	0.42	cps
Magnesium	24-2	25520215	25381003	25644446	25515221	0.52	cps
Manganese	55-2	3552302	3594986	3593899	3580396	0.68	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-03RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:42:08	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9153752	9160631	9265226	9193203	0.68	cps
Molybdenum	95-1	7698111	7595245	7668813	7654056	0.69	cps
Molybdenum	96-1	9149014	9219349	9249891	9206085	0.56	cps
Molybdenum	97-1	4598559	4660947	4665964	4641823	0.81	cps
Molybdenum	98-1	12612727	12580420	12655713	12616287	0.30	cps
Neodymium	150-1	3374	3160	2874	3136	8.00	cps
Neodymium	150-2	947	903	943	931	2.59	cps
Nickel	60-2	951218	966471	965482	961057	0.89	cps
Phosphorus	31-2	892	892	867	883	1.63	cps
Potassium	39-2	8874444	9046949	9001549	8974314	1.00	cps
Rhodium	103-1	12215795	12239977	12361537	12272436	0.64	cps
Rhodium	103-2	5629026	5659260	5709875	5666054	0.72	cps
Scandium	45-1	7216560	7210910	7248323	7225265	0.28	cps
Scandium	45-2	335041	336402	336177	335873	0.22	cps
Selenium	77-2	4521	4921	4958	4800	5.05	cps
Selenium	78-2	16452	16574	17273	16767	2.64	cps
Selenium	82-1	111520	112959	112428	112302	0.65	cps
Silicon	28-1	50514618	50596343	50254963	50455308	0.35	cps
Silver	109-1	4358469	4421914	4458095	4412826	1.14	cps
Silver	107-1	17626975	17886009	17991175	17834720	1.05	cps
Sodium	23-2	50485943	50249964	50860040	50531982	0.61	cps
Strontium	86-1	5308837	5363368	5355008	5342404	0.55	cps
Strontium	88-1	47164125	47745735	47308638	47406166	0.64	cps
Sulfur	34-1	1406387	1396739	1396510	1399879	0.40	cps
Terbium	159-1	19382586	19733007	19897475	19671022	1.34	cps
Terbium	159-2	8786062	8762713	8811143	8786639	0.28	cps
Thallium	203-1	9058599	8984433	9116118	9053050	0.73	cps
Thallium	205-1	21308821	21509151	21464995	21427656	0.49	cps
Tin	118-1	12995634	13005965	13201003	13067534	0.89	cps
Titanium	47-1	1829597	1839035	1836436	1835022	0.27	cps
Uranium	238-1	31906217	31715033	32496405	32039218	1.27	cps
Vanadium	51-2	1726983	1737368	1737889	1734080	0.35	cps
Yttrium	89-1	13354829	13569927	13536781	13487179	0.86	cps
Yttrium	89-2	1854445	1872988	1869036	1865490	0.52	cps
Zinc	66-2	718586	722997	719278	720287	0.33	cps
Zirconium	90-1	12646321	12747594	12666585	12686833	0.42	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-03RE	Instrumnet Name :	P7
Client Sample ID :	S36-0106MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:42:08	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2740212	2766606	2743031	2749950	0.53	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01ARE	Instrumnet Name :	P7
Client Sample ID :	S36-0106ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:45:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1174281	1175969	1169859	1173370	0.27	cps
Antimony	121-1	8315151	8328744	8306095	8316663	0.14	cps
Arsenic	75-2	277392	278036	277876	277768	0.12	cps
Barium	135-1	10235617	10169419	10239199	10214745	0.38	cps
Barium	137-1	17666549	17653370	17713313	17677744	0.18	cps
Beryllium	9-1	1015773	1026052	1018483	1020103	0.52	cps
Bismuth	209-1	13158175	13149783	13057643	13121867	0.43	cps
Bismuth	209-2	6473917	6473881	6524017	6490605	0.45	cps
Boron	10-1	311881	317414	316391	315229	0.93	cps
Boron	11-1	1547353	1551156	1568015	1555508	0.71	cps
Cadmium	111-1	1746636	1745592	1738259	1743495	0.26	cps
Cadmium	106-1	213196	215033	216709	214979	0.82	cps
Cadmium	108-1	141732	142487	142280	142166	0.27	cps
Calcium	43-1	6487055	6512769	6484382	6494735	0.24	cps
Calcium	44-1	103409496	103636442	103177561	103407833	0.22	cps
Chromium	52-2	2171410	2165910	2170092	2169138	0.13	cps
Cobalt	59-2	3552347	3548886	3567196	3556143	0.27	cps
Copper	63-2	5385142	5376620	5404599	5388787	0.27	cps
Dysprosium	156-1	2334	2150	2175	2220	4.48	cps
Dysprosium	156-2	860	817	870	849	3.34	cps
Erbium	164-1	10905	11280	10346	10844	4.34	cps
Erbium	164-2	4664	4884	4954	4834	3.13	cps
Gadolinium	160-1	2734	2592	2684	2670	2.69	cps
Gadolinium	160-2	1310	1367	1273	1317	3.57	cps
Holmium	165-1	19311746	19481220	19214259	19335742	0.70	cps
Holmium	165-2	8813806	8752497	8759894	8775399	0.38	cps
Indium	115-1	13553837	13543003	13565410	13554083	0.08	cps
Indium	115-2	2360775	2362046	2377761	2366861	0.40	cps
Iron	56-2	118539244	118746708	120471161	119252371	0.89	cps
Iron	57-2	2860305	2877541	2887628	2875158	0.48	cps
Lead	206-1	8033100	7953494	7915785	7967460	0.75	cps
Lead	207-1	6434386	6415454	6381490	6410443	0.42	cps
Lead	208-1	30942963	30889780	30658424	30830389	0.49	cps
Lithium	6-1	1701284	1710162	1697393	1702947	0.38	cps
Magnesium	24-2	25576759	25438587	25361275	25458874	0.43	cps
Manganese	55-2	3567134	3560867	3579270	3569090	0.26	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01ARE	Instrumnet Name :	P7
Client Sample ID :	S36-0106ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:45:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9271911	9264100	9227124	9254378	0.26	cps
Molybdenum	95-1	7719445	7718293	7628220	7688653	0.68	cps
Molybdenum	96-1	9274209	9342653	9258924	9291929	0.48	cps
Molybdenum	97-1	4655026	4688915	4646024	4663322	0.49	cps
Molybdenum	98-1	12642866	12792243	12556448	12663852	0.94	cps
Neodymium	150-1	3154	2807	3054	3005	5.94	cps
Neodymium	150-2	863	967	827	886	8.20	cps
Nickel	60-2	952608	954300	959322	955410	0.37	cps
Phosphorus	31-2	883	908	842	878	3.84	cps
Potassium	39-2	8868263	8905819	8851434	8875172	0.31	cps
Rhodium	103-1	12220107	12236229	12373973	12276770	0.69	cps
Rhodium	103-2	5623554	5628449	5648745	5633583	0.24	cps
Scandium	45-1	7304912	7283402	7282973	7290429	0.17	cps
Scandium	45-2	329982	329631	330669	330094	0.16	cps
Selenium	77-2	5014	5044	4964	5008	0.81	cps
Selenium	78-2	16172	16865	16383	16474	2.16	cps
Selenium	82-1	112965	113453	112648	113022	0.36	cps
Silicon	28-1	51233818	50908281	50589627	50910575	0.63	cps
Silver	109-1	4421905	4455416	4466681	4448001	0.52	cps
Silver	107-1	17865302	17987862	18010114	17954426	0.43	cps
Sodium	23-2	50585277	50578531	50308761	50490856	0.31	cps
Strontium	86-1	5444129	5603234	5418658	5488674	1.82	cps
Strontium	88-1	48197844	48336245	48265347	48266479	0.14	cps
Sulfur	34-1	1402756	1396340	1393918	1397671	0.33	cps
Terbium	159-1	19753335	19782779	19787933	19774682	0.09	cps
Terbium	159-2	8675091	8725782	8679806	8693560	0.32	cps
Thallium	203-1	9254841	9262763	9252116	9256573	0.06	cps
Thallium	205-1	21950860	21743000	21859924	21851261	0.48	cps
Tin	118-1	13241164	13344488	13239883	13275179	0.45	cps
Titanium	47-1	1855457	1850179	1844217	1849951	0.30	cps
Uranium	238-1	32846622	33272531	32939549	33019567	0.68	cps
Vanadium	51-2	1736116	1729354	1727821	1731097	0.25	cps
Yttrium	89-1	13613511	13560324	13669765	13614533	0.40	cps
Yttrium	89-2	1833868	1849712	1843612	1842397	0.43	cps
Zinc	66-2	715618	717412	719564	717531	0.28	cps
Zirconium	90-1	12864336	12962391	12879664	12902130	0.41	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-01ARE	Instrumnet Name :	P7
Client Sample ID :	S36-0106ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:45:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2780132	2782146	2794139	2785473	0.27	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-04RE	Instrumnet Name :	P7
Client Sample ID :	S36-0111RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:48:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1692	1625	1467	1595	7.25	cps
Antimony	121-1	9662	10113	10254	10010	3.09	cps
Arsenic	75-2	8143	8197	8037	8126	1.00	cps
Barium	135-1	292470	284088	287594	288050	1.46	cps
Barium	137-1	508418	502429	508882	506576	0.71	cps
Beryllium	9-1	372	406	322	367	11.44	cps
Bismuth	209-1	13549491	13440384	13385628	13458501	0.62	cps
Bismuth	209-2	6593052	6660110	6662226	6638463	0.59	cps
Boron	10-1	21825	22359	21658	21947	1.67	cps
Boron	11-1	110156	107455	106549	108053	1.74	cps
Cadmium	111-1	737	768	733	746	2.56	cps
Cadmium	106-1	4743	4968	4868	4859	2.32	cps
Cadmium	108-1	54	25	38	39	37.63	cps
Calcium	43-1	3630350	3628027	3584750	3614376	0.71	cps
Calcium	44-1	59643306	59989128	59550589	59727674	0.39	cps
Chromium	52-2	9743	10170	10144	10019	2.39	cps
Cobalt	59-2	817	820	773	803	3.24	cps
Copper	63-2	301693	301664	302120	301826	0.08	cps
Dysprosium	156-1	233	100	225	186	40.13	cps
Dysprosium	156-2	53	63	63	60	9.62	cps
Erbium	164-1	242	233	350	275	23.67	cps
Erbium	164-2	100	123	140	121	16.59	cps
Gadolinium	160-1	317	292	275	294	7.12	cps
Gadolinium	160-2	167	193	127	162	20.68	cps
Holmium	165-1	19381612	19377691	19066537	19275280	0.94	cps
Holmium	165-2	8964962	8934257	8855097	8918105	0.64	cps
Indium	115-1	14354794	14289875	14061109	14235259	1.08	cps
Indium	115-2	2446432	2477048	2467566	2463682	0.64	cps
Iron	56-2	6326649	6308968	6271576	6302397	0.45	cps
Iron	57-2	151551	152125	151287	151654	0.28	cps
Lead	206-1	63071	63943	62910	63308	0.88	cps
Lead	207-1	54378	53273	52744	53465	1.56	cps
Lead	208-1	250755	248940	246307	248667	0.90	cps
Lithium	6-1	1731928	1700339	1713359	1715209	0.93	cps
Magnesium	24-2	9607042	9690629	9617116	9638262	0.47	cps
Manganese	55-2	1197069	1195274	1196995	1196446	0.08	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-04RE	Instrumnet Name :	P7
Client Sample ID :	S36-0111RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:48:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5101	5493	6068	5554	8.76	cps
Molybdenum	95-1	6693	7469	8228	7463	10.28	cps
Molybdenum	96-1	7177	8111	9404	8231	13.58	cps
Molybdenum	97-1	4176	4501	5193	4623	11.24	cps
Molybdenum	98-1	11330	12039	13891	12420	10.65	cps
Neodymium	150-1	227	373	280	293	25.31	cps
Neodymium	150-2	73	57	97	76	26.59	cps
Nickel	60-2	5291	5524	5291	5369	2.51	cps
Phosphorus	31-2	442	517	367	442	16.98	cps
Potassium	39-2	2240844	2269028	2242100	2250657	0.71	cps
Rhodium	103-1	12644051	12589327	12413065	12548815	0.96	cps
Rhodium	103-2	5716370	5763396	6050192	5843319	3.09	cps
Scandium	45-1	7348989	7278882	7208956	7278942	0.96	cps
Scandium	45-2	329215	330289	328060	329188	0.34	cps
Selenium	77-2	20	33	33	29	26.64	cps
Selenium	78-2	96	109	128	111	14.24	cps
Selenium	82-1	-85	-156	11	-76	-109.75	cps
Silicon	28-1	47501563	47721929	47217144	47480212	0.53	cps
Silver	109-1	6669	6577	5985	6410	5.79	cps
Silver	107-1	27149	26265	24573	25996	5.04	cps
Sodium	23-2	23400506	23381338	23309581	23363808	0.21	cps
Strontium	86-1	2934391	2904232	2913246	2917290	0.53	cps
Strontium	88-1	26368212	25786043	26069681	26074645	1.12	cps
Sulfur	34-1	1704678	1711374	1708073	1708042	0.20	cps
Terbium	159-1	19844797	19638961	19426826	19636861	1.06	cps
Terbium	159-2	8779180	8826608	8804695	8803494	0.27	cps
Thallium	203-1	2759	2842	2734	2778	2.04	cps
Thallium	205-1	6585	6335	6310	6410	2.37	cps
Tin	118-1	49697	47724	47331	48251	2.63	cps
Titanium	47-1	2484	2234	2325	2348	5.39	cps
Uranium	238-1	88778	90405	90011	89731	0.95	cps
Vanadium	51-2	1603	1487	1760	1617	8.48	cps
Yttrium	89-1	13811343	13699196	13774627	13761722	0.42	cps
Yttrium	89-2	1841694	1863457	1856234	1853795	0.60	cps
Zinc	66-2	21092	20979	21119	21063	0.35	cps
Zirconium	90-1	3692	3967	4818	4159	14.11	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-04RE	Instrumnet Name :	P7
Client Sample ID :	S36-0111RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:48:55	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	800	825	992	872	11.95	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:52:23	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270887	1257453	1268166	1265502	0.56	cps
Antimony	121-1	8435257	8353813	8345775	8378282	0.59	cps
Arsenic	75-2	274177	271488	273648	273104	0.52	cps
Barium	135-1	10200956	10191471	10134508	10175645	0.35	cps
Barium	137-1	17664306	17787494	17452334	17634711	0.96	cps
Beryllium	9-1	1144000	1135379	1132998	1137459	0.51	cps
Bismuth	209-1	14256671	14041781	13678302	13992251	2.09	cps
Bismuth	209-2	7315728	7309432	7313376	7312845	0.04	cps
Boron	10-1	159043	160618	159271	159644	0.53	cps
Boron	11-1	790894	790879	794709	792160	0.28	cps
Cadmium	111-1	1875058	1873520	1865138	1871239	0.29	cps
Cadmium	106-1	233904	233165	230922	232664	0.67	cps
Cadmium	108-1	151743	151660	149473	150959	0.85	cps
Calcium	43-1	2008567	2010991	2003337	2007632	0.19	cps
Calcium	44-1	33276563	33060414	32992156	33109711	0.45	cps
Chromium	52-2	2324492	2301546	2319636	2315224	0.52	cps
Cobalt	59-2	3820020	3823463	3845346	3829610	0.36	cps
Copper	63-2	5562691	5565656	5576272	5568206	0.13	cps
Dysprosium	156-1	225	200	167	197	14.84	cps
Dysprosium	156-2	50	63	47	53	16.53	cps
Erbium	164-1	117	125	108	117	7.14	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	208	258	208	225	12.83	cps
Gadolinium	160-2	107	87	127	107	18.75	cps
Holmium	165-1	20609859	20415553	20161230	20395548	1.10	cps
Holmium	165-2	9435862	9389269	9316585	9380572	0.64	cps
Indium	115-1	14995020	14997729	14785854	14926201	0.81	cps
Indium	115-2	2663614	2657326	2685651	2668864	0.56	cps
Iron	56-2	97849533	97108822	98355899	97771418	0.64	cps
Iron	57-2	2327170	2336765	2337798	2333911	0.25	cps
Lead	206-1	7798800	7634446	7683440	7705562	1.10	cps
Lead	207-1	6741057	6634502	6591464	6655674	1.16	cps
Lead	208-1	31165275	30458417	30438217	30687303	1.35	cps
Lithium	6-1	1810290	1795909	1778372	1794857	0.89	cps
Magnesium	24-2	16223850	16141460	16117537	16160949	0.35	cps
Manganese	55-2	2545434	2543149	2553269	2547284	0.21	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:52:23	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7361561	7405399	7336402	7367787	0.47	cps
Molybdenum	95-1	3806101	3803655	3753499	3787751	0.78	cps
Molybdenum	96-1	4899743	4907449	4860069	4889087	0.52	cps
Molybdenum	97-1	2380572	2374524	2358230	2371108	0.49	cps
Molybdenum	98-1	6462116	6475895	6396522	6444845	0.66	cps
Neodymium	150-1	733	787	633	718	10.85	cps
Neodymium	150-2	83	70	37	63	37.95	cps
Nickel	60-2	1021084	1013743	1020055	1018294	0.39	cps
Phosphorus	31-2	71447	71866	72628	71980	0.83	cps
Potassium	39-2	8075794	8000947	8062771	8046504	0.50	cps
Rhodium	103-1	13623334	13590339	13514075	13575916	0.41	cps
Rhodium	103-2	6360526	6260622	6376454	6332534	0.99	cps
Scandium	45-1	8091642	8185355	8028422	8101806	0.97	cps
Scandium	45-2	374798	376360	377774	376311	0.40	cps
Selenium	77-2	5274	5625	5301	5400	3.61	cps
Selenium	78-2	18373	18571	18056	18333	1.42	cps
Selenium	82-1	119377	118934	119299	119203	0.20	cps
Silicon	28-1	3877703	3912583	3884022	3891436	0.48	cps
Silver	109-1	10139181	10018540	9965166	10040962	0.89	cps
Silver	107-1	40829351	40448630	40206100	40494694	0.78	cps
Sodium	23-2	31240940	31269105	31400093	31303380	0.27	cps
Strontium	86-1	2429452	2401627	2384334	2405138	0.95	cps
Strontium	88-1	21595173	21428413	21184997	21402861	0.96	cps
Sulfur	34-1	1250867	1255455	1249012	1251778	0.26	cps
Terbium	159-1	20945878	20985498	20686518	20872632	0.78	cps
Terbium	159-2	9376900	9312652	9296552	9328702	0.46	cps
Thallium	203-1	9520054	9304589	9363539	9396061	1.19	cps
Thallium	205-1	22373041	22188631	22161999	22241224	0.52	cps
Tin	118-1	6985087	6938210	6928894	6950730	0.43	cps
Titanium	47-1	983682	975536	978873	979364	0.42	cps
Uranium	238-1	33322115	32843577	32628510	32931401	1.08	cps
Vanadium	51-2	1878724	1866487	1879693	1874968	0.39	cps
Yttrium	89-1	14978088	14774824	14763572	14838828	0.81	cps
Yttrium	89-2	2045171	2042038	2068225	2051811	0.70	cps
Zinc	66-2	782731	779712	785205	782549	0.35	cps
Zirconium	90-1	13841003	13672058	13845769	13786277	0.72	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P7
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 13:52:23	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2972623	2965271	2983729	2973874	0.31	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:02:17	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	33	39	12.38	cps
Antimony	121-1	9012	12039	16669	12573	30.67	cps
Arsenic	75-2	87	81	83	84	3.37	cps
Barium	135-1	183	125	108	139	28.35	cps
Barium	137-1	258	167	175	200	25.34	cps
Beryllium	9-1	206	306	261	257	19.47	cps
Bismuth	209-1	14011010	13957788	13901584	13956794	0.39	cps
Bismuth	209-2	7576875	7545904	7671701	7598160	0.86	cps
Boron	10-1	2709	2800	2775	2761	1.72	cps
Boron	11-1	13648	14507	12998	13718	5.52	cps
Cadmium	111-1	631	596	607	611	2.93	cps
Cadmium	106-1	5643	5460	5276	5460	3.36	cps
Cadmium	108-1	21	29	13	21	40.01	cps
Calcium	43-1	375	333	342	350	6.30	cps
Calcium	44-1	13715	13523	12973	13404	2.88	cps
Chromium	52-2	1277	1273	1257	1269	0.84	cps
Cobalt	59-2	133	137	110	127	11.47	cps
Copper	63-2	16036	16216	16503	16251	1.45	cps
Dysprosium	156-1	33	0	25	19	89.21	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	33	58	92	61	47.89	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	167	158	150	158	5.26	cps
Gadolinium	160-2	67	57	83	69	19.56	cps
Holmium	165-1	20204301	19704882	19522205	19810462	1.78	cps
Holmium	165-2	9374623	9373828	9402814	9383755	0.18	cps
Indium	115-1	15328469	15101620	15076708	15168932	0.91	cps
Indium	115-2	2779344	2788172	2770244	2779253	0.32	cps
Iron	56-2	7502	7808	7847	7719	2.45	cps
Iron	57-2	183	161	183	176	7.29	cps
Lead	206-1	3451	3451	3162	3354	4.97	cps
Lead	207-1	2978	2867	2839	2895	2.54	cps
Lead	208-1	13086	13236	12875	13066	1.39	cps
Lithium	6-1	1863307	1828799	1812152	1834753	1.42	cps
Magnesium	24-2	458	408	458	442	6.54	cps
Manganese	55-2	150	147	127	141	8.94	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:02:17	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1067	1250	1792	1370	27.53	cps
Molybdenum	95-1	1108	1375	1992	1492	30.37	cps
Molybdenum	96-1	1283	1367	2159	1603	30.13	cps
Molybdenum	97-1	892	1017	1175	1028	13.82	cps
Molybdenum	98-1	1734	2292	2809	2278	23.61	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	210	190	203	201	5.07	cps
Phosphorus	31-2	267	242	358	289	21.26	cps
Potassium	39-2	48556	48748	49609	48971	1.15	cps
Rhodium	103-1	14037035	13824771	13905755	13922520	0.77	cps
Rhodium	103-2	6634900	6604686	6604952	6614846	0.26	cps
Scandium	45-1	8353580	8204367	8270722	8276223	0.90	cps
Scandium	45-2	388716	387325	389993	388678	0.34	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	106	96	96	99	5.38	cps
Selenium	82-1	-42	22	172	51	215.94	cps
Silicon	28-1	419326	418066	419369	418920	0.18	cps
Silver	109-1	1150	883	800	945	19.36	cps
Silver	107-1	4467	3725	3350	3848	14.77	cps
Sodium	23-2	34967	35710	35434	35370	1.06	cps
Strontium	86-1	5826	5460	5318	5535	4.74	cps
Strontium	88-1	592	525	567	561	6.00	cps
Sulfur	34-1	632577	633649	637294	634507	0.39	cps
Terbium	159-1	20494710	20046903	20178553	20240055	1.14	cps
Terbium	159-2	9406249	9443340	9433564	9427718	0.20	cps
Thallium	203-1	425	417	375	406	6.61	cps
Thallium	205-1	1167	1025	1008	1067	8.16	cps
Tin	118-1	2225	2017	2250	2164	5.92	cps
Titanium	47-1	142	175	142	153	12.60	cps
Uranium	238-1	308	242	342	297	17.13	cps
Vanadium	51-2	50	60	80	63	24.12	cps
Yttrium	89-1	14803838	14668769	14640948	14704518	0.59	cps
Yttrium	89-2	2107547	2103127	2106165	2105613	0.11	cps
Zinc	66-2	247	213	200	220	10.93	cps
Zirconium	90-1	1183	1425	1475	1361	11.46	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P7
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:02:17	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	258	308	289	9.27	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-05RE	Instrumnet Name :	P7
Client Sample ID :	S36-0112RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:05:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275	1283	1175	1245	4.84	cps
Antimony	121-1	27870	30025	33767	30554	9.77	cps
Arsenic	75-2	19682	19656	20435	19924	2.22	cps
Barium	135-1	160573	160148	161379	160700	0.39	cps
Barium	137-1	284004	281009	284117	283043	0.62	cps
Beryllium	9-1	267	250	189	235	17.41	cps
Bismuth	209-1	13133232	13471129	13365102	13323155	1.30	cps
Bismuth	209-2	6673799	6676848	6686394	6679014	0.10	cps
Boron	10-1	14174	14899	13773	14282	4.00	cps
Boron	11-1	73596	73069	73814	73493	0.52	cps
Cadmium	111-1	968	886	737	864	13.60	cps
Cadmium	106-1	4934	4484	4534	4651	5.31	cps
Cadmium	108-1	42	46	54	47	13.48	cps
Calcium	43-1	1955897	1939762	1959053	1951571	0.53	cps
Calcium	44-1	32001130	31989102	32272602	32087611	0.50	cps
Chromium	52-2	26083	26314	26040	26146	0.56	cps
Cobalt	59-2	983	1103	1047	1045	5.75	cps
Copper	63-2	130929	129456	127278	129221	1.42	cps
Dysprosium	156-1	183	167	167	172	5.59	cps
Dysprosium	156-2	80	30	53	54	45.95	cps
Erbium	164-1	225	225	192	214	9.00	cps
Erbium	164-2	60	87	83	77	18.95	cps
Gadolinium	160-1	317	175	225	239	30.07	cps
Gadolinium	160-2	87	123	113	108	17.59	cps
Holmium	165-1	18968221	19241608	19368430	19192753	1.07	cps
Holmium	165-2	8928268	8829619	8812903	8856930	0.70	cps
Indium	115-1	14177122	14454000	14280114	14303745	0.98	cps
Indium	115-2	2482733	2499152	2488852	2490246	0.33	cps
Iron	56-2	1126515	1136688	1133471	1132225	0.46	cps
Iron	57-2	28478	29252	28679	28803	1.39	cps
Lead	206-1	14942	14636	14775	14785	1.04	cps
Lead	207-1	12534	12668	11750	12317	4.02	cps
Lead	208-1	58975	58057	56332	57788	2.32	cps
Lithium	6-1	1745593	1698328	1706632	1716851	1.47	cps
Magnesium	24-2	4856746	4911233	4881346	4883108	0.56	cps
Manganese	55-2	476054	484061	477546	479221	0.89	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-05RE	Instrumnet Name :	P7
Client Sample ID :	S36-0112RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:05:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5310	5285	5952	5515	6.86	cps
Molybdenum	95-1	6102	6110	6310	6174	1.91	cps
Molybdenum	96-1	7119	7544	8236	7633	7.39	cps
Molybdenum	97-1	4134	4159	4351	4215	2.81	cps
Molybdenum	98-1	10529	10696	11572	10932	5.12	cps
Neodymium	150-1	180	160	147	162	10.34	cps
Neodymium	150-2	67	53	33	51	32.83	cps
Nickel	60-2	7215	7625	7772	7538	3.83	cps
Phosphorus	31-2	475	642	508	542	16.28	cps
Potassium	39-2	1696174	1722041	1709216	1709144	0.76	cps
Rhodium	103-1	12401820	12354687	12513961	12423489	0.66	cps
Rhodium	103-2	5710586	5985843	5778746	5825058	2.46	cps
Scandium	45-1	7262658	7238434	7266073	7255722	0.21	cps
Scandium	45-2	327023	332418	331562	330334	0.88	cps
Selenium	77-2	13	23	33	23	42.86	cps
Selenium	78-2	89	76	98	88	12.73	cps
Selenium	82-1	28	43	-89	-6	-1206.04	cps
Silicon	28-1	39573786	39240689	39526419	39446965	0.46	cps
Silver	109-1	11430	11680	10429	11180	5.92	cps
Silver	107-1	45954	46646	42076	44892	5.49	cps
Sodium	23-2	24551606	24583056	24444427	24526363	0.30	cps
Strontium	86-1	1467136	1469452	1476257	1470948	0.32	cps
Strontium	88-1	13165350	12997338	13106256	13089648	0.65	cps
Sulfur	34-1	951357	951501	941881	948246	0.58	cps
Terbium	159-1	19469094	19448121	19616073	19511096	0.47	cps
Terbium	159-2	8765405	8727587	8771873	8754955	0.27	cps
Thallium	203-1	1017	842	858	906	10.67	cps
Thallium	205-1	2742	2225	1950	2306	17.43	cps
Tin	118-1	25607	26067	27252	26309	3.23	cps
Titanium	47-1	1542	1659	1675	1625	4.47	cps
Uranium	238-1	78193	79913	80844	79650	1.69	cps
Vanadium	51-2	1390	1410	1473	1425	3.05	cps
Yttrium	89-1	13434324	13368536	13590764	13464541	0.85	cps
Yttrium	89-2	1842962	1864721	1852372	1853351	0.59	cps
Zinc	66-2	6505	6532	6345	6460	1.56	cps
Zirconium	90-1	4468	4509	4901	4626	5.17	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-05RE	Instrumnet Name :	P7
Client Sample ID :	S36-0112RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:05:46	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	933	958	1217	1036	15.14	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-06RE	Instrumnet Name :	P7
Client Sample ID :	S36-0113RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:09:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14216	13382	13966	13854	3.09	cps
Antimony	121-1	18304	19982	21159	19815	7.24	cps
Arsenic	75-2	34428	33563	34456	34149	1.49	cps
Barium	135-1	34285	34903	34410	34533	0.95	cps
Barium	137-1	60416	59319	59889	59874	0.92	cps
Beryllium	9-1	406	383	317	369	12.55	cps
Bismuth	209-1	13341779	13475411	13220955	13346048	0.95	cps
Bismuth	209-2	6637710	6640991	6645104	6641268	0.06	cps
Boron	10-1	17010	16777	17753	17180	2.97	cps
Boron	11-1	85197	86153	87855	86402	1.56	cps
Cadmium	111-1	3798	3802	3801	3801	0.06	cps
Cadmium	106-1	5310	5226	5176	5237	1.29	cps
Cadmium	108-1	288	246	229	254	11.82	cps
Calcium	43-1	2003762	1975349	1999815	1992975	0.77	cps
Calcium	44-1	32876672	32669602	32854037	32800104	0.35	cps
Chromium	52-2	6311	6251	6278	6280	0.48	cps
Cobalt	59-2	1950	2097	2010	2019	3.65	cps
Copper	63-2	93741	92826	93439	93335	0.50	cps
Dysprosium	156-1	550	625	600	592	6.45	cps
Dysprosium	156-2	257	297	283	279	7.30	cps
Erbium	164-1	692	558	742	664	14.28	cps
Erbium	164-2	327	300	330	319	5.16	cps
Gadolinium	160-1	733	683	692	703	3.81	cps
Gadolinium	160-2	333	337	277	316	10.69	cps
Holmium	165-1	19094533	19106842	19547016	19249464	1.34	cps
Holmium	165-2	8887137	8801007	8736739	8808294	0.86	cps
Indium	115-1	14246415	14263996	14256950	14255787	0.06	cps
Indium	115-2	2454135	2444712	2451119	2449989	0.20	cps
Iron	56-2	3094993	3084242	3096487	3091907	0.22	cps
Iron	57-2	76030	76946	77314	76763	0.86	cps
Lead	206-1	13986	14608	14030	14208	2.45	cps
Lead	207-1	12050	12295	11566	11971	3.10	cps
Lead	208-1	55925	57266	55202	56131	1.87	cps
Lithium	6-1	1634142	1665821	1640071	1646678	1.02	cps
Magnesium	24-2	5420257	5368307	5380010	5389524	0.51	cps
Manganese	55-2	1758680	1748888	1757253	1754940	0.30	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-06RE	Instrumnet Name :	P7
Client Sample ID :	S36-0113RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:09:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3392	3692	4293	3792	12.09	cps
Molybdenum	95-1	3376	3184	3884	3481	10.39	cps
Molybdenum	96-1	3684	4251	4609	4181	11.16	cps
Molybdenum	97-1	2175	1992	2342	2170	8.07	cps
Molybdenum	98-1	5385	5776	6410	5857	8.83	cps
Neodymium	150-1	947	980	973	967	1.83	cps
Neodymium	150-2	380	453	300	378	20.30	cps
Nickel	60-2	3644	3550	3711	3635	2.21	cps
Phosphorus	31-2	1000	925	883	936	6.32	cps
Potassium	39-2	1043979	1040067	1047391	1043812	0.35	cps
Rhodium	103-1	12509743	12463236	12418119	12463700	0.37	cps
Rhodium	103-2	5740925	5740653	5787697	5756425	0.47	cps
Scandium	45-1	7233246	7176244	7240240	7216577	0.49	cps
Scandium	45-2	326550	324706	326298	325851	0.31	cps
Selenium	77-2	20	20	47	29	53.30	cps
Selenium	78-2	85	87	93	88	4.36	cps
Selenium	82-1	-115	-181	111	-62	-248.84	cps
Silicon	28-1	43185616	42764431	43080409	43010152	0.51	cps
Silver	109-1	8945	8294	8103	8447	5.23	cps
Silver	107-1	36021	33319	33028	34123	4.84	cps
Sodium	23-2	17523834	17538772	17455396	17506001	0.25	cps
Strontium	86-1	1508480	1516357	1507574	1510804	0.32	cps
Strontium	88-1	13520177	13503592	13477258	13500342	0.16	cps
Sulfur	34-1	677865	682251	665926	675347	1.25	cps
Terbium	159-1	19559455	19481718	19796449	19612541	0.84	cps
Terbium	159-2	8752699	8671739	8733386	8719275	0.48	cps
Thallium	203-1	1550	1592	1584	1575	1.40	cps
Thallium	205-1	3734	3884	3392	3670	6.87	cps
Tin	118-1	23003	23704	23646	23451	1.66	cps
Titanium	47-1	10062	10279	10813	10385	3.72	cps
Uranium	238-1	13049	13449	13324	13274	1.54	cps
Vanadium	51-2	2890	2750	2860	2834	2.60	cps
Yttrium	89-1	13568191	13741645	13714707	13674848	0.68	cps
Yttrium	89-2	1830736	1842160	1849851	1840915	0.52	cps
Zinc	66-2	37662	38163	37849	37891	0.67	cps
Zirconium	90-1	5226	5226	5343	5265	1.28	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-06RE	Instrumnet Name :	P7
Client Sample ID :	S36-0113RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:09:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1275	1250	1475	1333	9.25	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-07RE	Instrumnet Name :	P7
Client Sample ID :	S36-0108RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:12:44	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1192	1292	1270	5.47	cps
Antimony	121-1	7994	9637	9996	9209	11.59	cps
Arsenic	75-2	10061	10163	10178	10134	0.63	cps
Barium	135-1	66041	66157	64299	65499	1.59	cps
Barium	137-1	115166	112604	114855	114208	1.22	cps
Beryllium	9-1	128	222	128	159	34.24	cps
Bismuth	209-1	13418999	13245075	13324639	13329571	0.65	cps
Bismuth	209-2	6408029	6432267	6500459	6446918	0.74	cps
Boron	10-1	11980	12330	12047	12119	1.53	cps
Boron	11-1	62020	61844	62539	62134	0.58	cps
Cadmium	111-1	502	563	521	529	5.97	cps
Cadmium	106-1	4351	4468	4626	4481	3.08	cps
Cadmium	108-1	42	33	29	35	18.33	cps
Calcium	43-1	2089533	2094353	2107623	2097170	0.45	cps
Calcium	44-1	34875799	34890378	34910707	34892295	0.05	cps
Chromium	52-2	2360	2300	2434	2365	2.82	cps
Cobalt	59-2	380	403	387	390	3.08	cps
Copper	63-2	76013	74917	76298	75743	0.96	cps
Dysprosium	156-1	67	67	83	72	13.33	cps
Dysprosium	156-2	23	37	27	29	24.03	cps
Erbium	164-1	217	142	83	147	45.40	cps
Erbium	164-2	70	37	77	61	35.07	cps
Gadolinium	160-1	142	150	175	156	11.15	cps
Gadolinium	160-2	83	80	77	80	4.17	cps
Holmium	165-1	19283728	19181117	19358025	19274290	0.46	cps
Holmium	165-2	8530093	8657183	8670168	8619148	0.90	cps
Indium	115-1	13979098	14122257	13850767	13984040	0.97	cps
Indium	115-2	2377476	2393303	2444234	2405005	1.45	cps
Iron	56-2	35666	35593	37359	36206	2.76	cps
Iron	57-2	1756	1628	1656	1680	4.00	cps
Lead	206-1	4829	4729	4834	4797	1.24	cps
Lead	207-1	4273	4256	4151	4227	1.57	cps
Lead	208-1	19734	19139	19056	19310	1.92	cps
Lithium	6-1	1577528	1592184	1566060	1578591	0.83	cps
Magnesium	24-2	5323120	5242732	5333373	5299741	0.94	cps
Manganese	55-2	104418	104246	105753	104806	0.79	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-07RE	Instrumnet Name :	P7
Client Sample ID :	S36-0108RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:12:44	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3259	3542	3801	3534	7.67	cps
Molybdenum	95-1	4884	5351	5518	5251	6.25	cps
Molybdenum	96-1	5235	5576	6327	5712	9.78	cps
Molybdenum	97-1	3167	3242	3192	3201	1.19	cps
Molybdenum	98-1	8361	7994	8528	8294	3.29	cps
Neodymium	150-1	73	127	133	111	29.60	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	1790	1823	1943	1852	4.35	cps
Phosphorus	31-2	475	483	392	450	11.26	cps
Potassium	39-2	1258797	1267192	1292039	1272676	1.36	cps
Rhodium	103-1	12413379	12610304	12576276	12533319	0.84	cps
Rhodium	103-2	5553683	5641762	5698981	5631475	1.30	cps
Scandium	45-1	7217146	7216593	7167370	7200370	0.40	cps
Scandium	45-2	315742	318456	321308	318502	0.87	cps
Selenium	77-2	23	20	17	20	16.65	cps
Selenium	78-2	94	91	94	93	2.30	cps
Selenium	82-1	-136	-26	9	-51	-148.84	cps
Silicon	28-1	41192810	41380311	41601025	41391382	0.49	cps
Silver	109-1	5618	5343	5485	5482	2.51	cps
Silver	107-1	22739	21522	21897	22053	2.83	cps
Sodium	23-2	26886591	27058376	27372418	27105795	0.91	cps
Strontium	86-1	1576972	1577549	1564723	1573081	0.46	cps
Strontium	88-1	14018335	14188967	14032113	14079805	0.67	cps
Sulfur	34-1	1189148	1195275	1190124	1191516	0.28	cps
Terbium	159-1	19466022	19895182	19579092	19646765	1.13	cps
Terbium	159-2	8546975	8450763	8612152	8536630	0.95	cps
Thallium	203-1	283	208	308	267	19.51	cps
Thallium	205-1	600	767	508	625	20.95	cps
Tin	118-1	16794	18171	17378	17448	3.96	cps
Titanium	47-1	1342	1575	1442	1453	8.06	cps
Uranium	238-1	77740	77045	76693	77159	0.69	cps
Vanadium	51-2	2057	2244	2440	2247	8.53	cps
Yttrium	89-1	13443443	13479402	13523026	13481957	0.30	cps
Yttrium	89-2	1768637	1792149	1826448	1795745	1.62	cps
Zinc	66-2	3781	3834	3834	3816	0.81	cps
Zirconium	90-1	1492	1550	1892	1645	13.14	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-07RE	Instrumnet Name :	P7
Client Sample ID :	S36-0108RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:12:44	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	425	500	458	8.33	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-08RE	Instrumnet Name :	P7
Client Sample ID :	S36-0109RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:16:14	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	958	925	970	5.25	cps
Antimony	121-1	7311	8244	8336	7964	7.13	cps
Arsenic	75-2	10124	10155	10365	10215	1.28	cps
Barium	135-1	64550	65665	64576	64930	0.98	cps
Barium	137-1	112521	113679	114477	113559	0.87	cps
Beryllium	9-1	222	128	139	163	31.68	cps
Bismuth	209-1	13259184	13387554	13132066	13259602	0.96	cps
Bismuth	209-2	6602960	6558662	6578086	6579903	0.34	cps
Boron	10-1	12831	12055	12414	12433	3.12	cps
Boron	11-1	62103	61769	62865	62246	0.90	cps
Cadmium	111-1	552	553	535	546	1.81	cps
Cadmium	106-1	4476	4943	4559	4659	5.34	cps
Cadmium	108-1	25	29	8	21	52.93	cps
Calcium	43-1	2098123	2111044	2119962	2109710	0.52	cps
Calcium	44-1	34750724	35170250	35419359	35113444	0.96	cps
Chromium	52-2	3304	3427	3347	3359	1.86	cps
Cobalt	59-2	373	423	340	379	11.07	cps
Copper	63-2	75553	77715	77819	77029	1.66	cps
Dysprosium	156-1	58	42	92	64	39.85	cps
Dysprosium	156-2	23	30	37	30	22.23	cps
Erbium	164-1	133	167	142	147	11.79	cps
Erbium	164-2	97	83	30	70	50.40	cps
Gadolinium	160-1	125	150	133	136	9.35	cps
Gadolinium	160-2	77	93	120	97	22.61	cps
Holmium	165-1	19043879	19570976	19406196	19340351	1.39	cps
Holmium	165-2	8835626	8758283	8746072	8779994	0.55	cps
Indium	115-1	14060410	14023527	14008963	14030966	0.19	cps
Indium	115-2	2446415	2466586	2469251	2460751	0.51	cps
Iron	56-2	45710	45672	45476	45619	0.28	cps
Iron	57-2	1984	1934	1828	1915	4.15	cps
Lead	206-1	3645	3506	3684	3612	2.59	cps
Lead	207-1	3100	3100	2989	3063	2.09	cps
Lead	208-1	14615	14470	14259	14448	1.24	cps
Lithium	6-1	1566840	1530474	1533662	1543659	1.30	cps
Magnesium	24-2	5441791	5479146	5453448	5458128	0.35	cps
Manganese	55-2	106921	107133	107841	107298	0.45	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-08RE	Instrumnet Name :	P7
Client Sample ID :	S36-0109RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:16:14	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3576	3892	3817	3762	4.40	cps
Molybdenum	95-1	4909	5134	5310	5118	3.92	cps
Molybdenum	96-1	5868	5676	6043	5863	3.13	cps
Molybdenum	97-1	3025	3484	3609	3373	9.11	cps
Molybdenum	98-1	8178	9028	8686	8631	4.96	cps
Neodymium	150-1	80	147	73	100	40.55	cps
Neodymium	150-2	37	20	30	29	29.04	cps
Nickel	60-2	1350	1367	1357	1358	0.62	cps
Phosphorus	31-2	367	375	450	397	11.55	cps
Potassium	39-2	1309514	1308911	1309921	1309449	0.04	cps
Rhodium	103-1	12440537	12450790	12653449	12514925	0.96	cps
Rhodium	103-2	5754067	5774348	5966048	5831488	2.01	cps
Scandium	45-1	7110855	7179090	7237197	7175714	0.88	cps
Scandium	45-2	326056	327323	325166	326182	0.33	cps
Selenium	77-2	23	27	17	22	22.91	cps
Selenium	78-2	91	83	93	89	5.51	cps
Selenium	82-1	-170	-34	8	-65	-142.28	cps
Silicon	28-1	41320229	41590987	41366450	41425889	0.35	cps
Silver	109-1	4451	4818	4743	4670	4.15	cps
Silver	107-1	18504	19746	19788	19346	3.77	cps
Sodium	23-2	27896001	27740461	27817603	27818021	0.28	cps
Strontium	86-1	1578364	1577823	1581977	1579388	0.14	cps
Strontium	88-1	14116173	13983747	14142302	14080741	0.60	cps
Sulfur	34-1	1197611	1205010	1207693	1203438	0.43	cps
Terbium	159-1	19308478	19361245	19775732	19481818	1.31	cps
Terbium	159-2	8814978	8770868	8669170	8751672	0.85	cps
Thallium	203-1	325	242	267	278	15.40	cps
Thallium	205-1	717	767	633	706	9.55	cps
Tin	118-1	15184	15259	15835	15426	2.31	cps
Titanium	47-1	1500	1325	1317	1381	7.50	cps
Uranium	238-1	79509	77749	76651	77970	1.85	cps
Vanadium	51-2	2277	2220	2444	2314	5.02	cps
Yttrium	89-1	13486814	13402341	13466375	13451843	0.33	cps
Yttrium	89-2	1836417	1843145	1832696	1837420	0.29	cps
Zinc	66-2	4571	4304	4367	4414	3.16	cps
Zirconium	90-1	2834	2867	2750	2817	2.13	cps

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Inst Id :P7
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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-08RE	Instrumnet Name :	P7
Client Sample ID :	S36-0109RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:16:14	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	542	642	600	8.67	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-09RE	Instrumnet Name :	P7
Client Sample ID :	S36-0118RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:19:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4034	3501	3742	3759	7.11	cps
Antimony	121-1	8103	9003	9220	8775	6.75	cps
Arsenic	75-2	7267	7311	7267	7282	0.35	cps
Barium	135-1	176879	176715	175926	176506	0.29	cps
Barium	137-1	314053	309295	307984	310444	1.03	cps
Beryllium	9-1	178	183	200	187	6.18	cps
Bismuth	209-1	13012531	13169671	13324161	13168787	1.18	cps
Bismuth	209-2	6507214	6561366	6576642	6548407	0.56	cps
Boron	10-1	15717	15208	14916	15280	2.65	cps
Boron	11-1	77004	74090	76778	75958	2.13	cps
Cadmium	111-1	640	599	614	618	3.34	cps
Cadmium	106-1	4318	4618	4726	4554	4.65	cps
Cadmium	108-1	33	33	38	35	6.93	cps
Calcium	43-1	3589682	3567631	3590482	3582598	0.36	cps
Calcium	44-1	59074003	59013428	59429518	59172317	0.38	cps
Chromium	52-2	2687	2764	2867	2773	3.26	cps
Cobalt	59-2	4898	4878	5038	4938	1.77	cps
Copper	63-2	76673	75182	75956	75937	0.98	cps
Dysprosium	156-1	425	342	425	397	12.11	cps
Dysprosium	156-2	183	150	173	169	10.13	cps
Erbium	164-1	542	525	567	544	3.85	cps
Erbium	164-2	220	180	253	218	16.86	cps
Gadolinium	160-1	492	458	458	469	4.10	cps
Gadolinium	160-2	203	217	263	228	13.83	cps
Holmium	165-1	18902549	18961863	19236610	19033674	0.94	cps
Holmium	165-2	8818592	8801805	8760242	8793546	0.34	cps
Indium	115-1	13684475	13898924	13816351	13799917	0.78	cps
Indium	115-2	2406058	2416249	2417099	2413135	0.25	cps
Iron	56-2	1464155	1473568	1483394	1473706	0.65	cps
Iron	57-2	38562	37365	37927	37951	1.58	cps
Lead	206-1	3539	3651	3840	3677	4.13	cps
Lead	207-1	2950	3112	3328	3130	6.06	cps
Lead	208-1	13926	14982	15371	14759	5.07	cps
Lithium	6-1	1554066	1553696	1545838	1551200	0.30	cps
Magnesium	24-2	9263668	9276083	9293448	9277733	0.16	cps
Manganese	55-2	1166221	1162022	1171909	1166717	0.43	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-09RE	Instrumnet Name :	P7
Client Sample ID :	S36-0118RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:19:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3909	3876	3676	3820	3.30	cps
Molybdenum	95-1	4851	5143	5118	5037	3.21	cps
Molybdenum	96-1	5693	5435	5751	5626	3.00	cps
Molybdenum	97-1	2950	2859	3342	3050	8.42	cps
Molybdenum	98-1	8178	7786	8645	8203	5.24	cps
Neodymium	150-1	427	520	547	498	12.66	cps
Neodymium	150-2	240	173	183	199	18.08	cps
Nickel	60-2	4744	4834	4527	4702	3.35	cps
Phosphorus	31-2	525	417	467	469	11.55	cps
Potassium	39-2	1587140	1585224	1584852	1585739	0.08	cps
Rhodium	103-1	12217507	12012249	12290649	12173469	1.19	cps
Rhodium	103-2	5635902	5674775	5697948	5669542	0.55	cps
Scandium	45-1	7010576	6989041	7060377	7019998	0.52	cps
Scandium	45-2	322440	322870	322948	322752	0.08	cps
Selenium	77-2	20	23	17	20	16.65	cps
Selenium	78-2	104	96	94	98	4.99	cps
Selenium	82-1	-76	-199	-134	-136	-45.24	cps
Silicon	28-1	40630370	40270267	40747822	40549486	0.61	cps
Silver	109-1	4801	4743	4626	4723	1.89	cps
Silver	107-1	19279	19396	18612	19096	2.21	cps
Sodium	23-2	19823663	19771024	19869773	19821487	0.25	cps
Strontium	86-1	2730472	2734968	2727181	2730874	0.14	cps
Strontium	88-1	24430168	24291297	24429434	24383633	0.33	cps
Sulfur	34-1	1076180	1057864	1068830	1067625	0.86	cps
Terbium	159-1	19447331	19049397	19197367	19231365	1.05	cps
Terbium	159-2	8763428	8634387	8623961	8673925	0.90	cps
Thallium	203-1	633	658	700	664	5.07	cps
Thallium	205-1	1900	1692	1809	1800	5.80	cps
Tin	118-1	14666	15134	14950	14917	1.58	cps
Titanium	47-1	2942	3785	3217	3315	12.97	cps
Uranium	238-1	196483	200618	201458	199520	1.33	cps
Vanadium	51-2	2274	2190	2260	2241	2.00	cps
Yttrium	89-1	13497892	13512170	13411082	13473715	0.41	cps
Yttrium	89-2	1820568	1826528	1830309	1825802	0.27	cps
Zinc	66-2	5228	5144	5161	5178	0.85	cps
Zirconium	90-1	2367	2467	2409	2414	2.08	cps

Reviewed By:jaswal
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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-09RE	Instrumnet Name :	P7
Client Sample ID :	S36-0118RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:19:43	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	733	600	608	19.90	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-10RE	Instrumnet Name :	P7
Client Sample ID :	S36-0117RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:23:12	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176971	176098	179977	177682	1.15	cps
Antimony	121-1	12940	13691	14408	13680	5.37	cps
Arsenic	75-2	2928	2732	2876	2845	3.58	cps
Barium	135-1	241421	243708	246964	244031	1.14	cps
Barium	137-1	420696	421455	422605	421585	0.23	cps
Beryllium	9-1	350	317	333	333	5.00	cps
Bismuth	209-1	13375579	13640490	13674364	13563478	1.21	cps
Bismuth	209-2	6696238	6690991	6712639	6699956	0.17	cps
Boron	10-1	3325	3326	3209	3287	2.05	cps
Boron	11-1	15842	16368	15659	15956	2.31	cps
Cadmium	111-1	1523	1464	1390	1459	4.55	cps
Cadmium	106-1	5184	4968	5151	5101	2.29	cps
Cadmium	108-1	150	200	171	174	14.47	cps
Calcium	43-1	703049	694338	697410	698266	0.63	cps
Calcium	44-1	11584723	11434626	11558949	11526099	0.70	cps
Chromium	52-2	19026	18942	18986	18985	0.22	cps
Cobalt	59-2	18952	18742	18779	18824	0.60	cps
Copper	63-2	114762	114356	114043	114387	0.31	cps
Dysprosium	156-1	4184	4818	4551	4518	7.04	cps
Dysprosium	156-2	1530	1727	1707	1655	6.54	cps
Erbium	164-1	3517	3492	3451	3487	0.97	cps
Erbium	164-2	1667	1383	1533	1528	9.28	cps
Gadolinium	160-1	3459	3784	3767	3670	4.99	cps
Gadolinium	160-2	1827	1924	1800	1850	3.51	cps
Holmium	165-1	19147318	19111160	19032386	19096955	0.31	cps
Holmium	165-2	8725848	8726639	8717996	8723494	0.05	cps
Indium	115-1	14087490	14229085	14024800	14113792	0.74	cps
Indium	115-2	2427222	2420969	2439736	2429309	0.39	cps
Iron	56-2	6597757	6526847	6560830	6561811	0.54	cps
Iron	57-2	157580	155969	159036	157529	0.97	cps
Lead	206-1	110969	111307	110086	110787	0.57	cps
Lead	207-1	92784	94047	93717	93516	0.70	cps
Lead	208-1	432485	435956	433815	434085	0.40	cps
Lithium	6-1	1527926	1544714	1551621	1541420	0.79	cps
Magnesium	24-2	184328	181949	187860	184712	1.61	cps
Manganese	55-2	133331	134370	134027	133909	0.40	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-10RE	Instrumnet Name :	P7
Client Sample ID :	S36-0117RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:23:12	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11480	11163	11497	11380	1.65	cps
Molybdenum	95-1	13607	12932	12523	13020	4.21	cps
Molybdenum	96-1	15075	14717	14850	14881	1.22	cps
Molybdenum	97-1	8545	7769	7827	8047	5.37	cps
Molybdenum	98-1	20649	20849	20223	20574	1.55	cps
Neodymium	150-1	5948	6288	5801	6013	4.15	cps
Neodymium	150-2	2197	2200	2047	2148	4.08	cps
Nickel	60-2	6535	6618	6818	6657	2.19	cps
Phosphorus	31-2	21566	21216	21758	21513	1.28	cps
Potassium	39-2	6158666	6106321	6237077	6167354	1.07	cps
Rhodium	103-1	12552939	12608957	12585005	12582300	0.22	cps
Rhodium	103-2	5752203	5793213	5789443	5778286	0.39	cps
Scandium	45-1	7089220	7067561	7084940	7080574	0.16	cps
Scandium	45-2	320250	318934	322818	320667	0.62	cps
Selenium	77-2	37	13	33	28	45.44	cps
Selenium	78-2	81	87	104	91	12.75	cps
Selenium	82-1	-32	-110	72	-23	-390.04	cps
Silicon	28-1	16822538	16685094	17118298	16875310	1.31	cps
Silver	109-1	4993	4668	4868	4843	3.39	cps
Silver	107-1	19838	19187	20088	19704	2.36	cps
Sodium	23-2	3750919	3762500	3807541	3773654	0.79	cps
Strontium	86-1	712802	712818	715571	713730	0.22	cps
Strontium	88-1	6354736	6325196	6304263	6328065	0.40	cps
Sulfur	34-1	630371	623916	619272	624520	0.89	cps
Terbium	159-1	19865659	19422873	19788768	19692433	1.20	cps
Terbium	159-2	8684274	8627677	8633532	8648494	0.36	cps
Thallium	203-1	1375	1667	1500	1514	9.67	cps
Thallium	205-1	3692	3501	3759	3651	3.67	cps
Tin	118-1	14466	15259	15434	15053	3.43	cps
Titanium	47-1	101759	97126	97052	98646	2.73	cps
Uranium	238-1	49470	50382	49194	49682	1.25	cps
Vanadium	51-2	29102	29149	30215	29489	2.13	cps
Yttrium	89-1	13641711	13513306	13592074	13582363	0.48	cps
Yttrium	89-2	1816468	1816510	1831146	1821375	0.46	cps
Zinc	66-2	1283280	1283628	1294277	1287062	0.49	cps
Zirconium	90-1	10746	11455	10905	11035	3.37	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-10RE	Instrumnet Name :	P7
Client Sample ID :	S36-0117RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:23:12	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2509	2292	2559	2453	5.78	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-11RE	Instrumnet Name :	P7
Client Sample ID :	S36-0114RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:26:42	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16452	18420	17453	17442	5.64	cps
Antimony	121-1	8528	8595	9454	8859	5.83	cps
Arsenic	75-2	14583	14479	14724	14596	0.84	cps
Barium	135-1	138887	135952	140334	138391	1.61	cps
Barium	137-1	242392	238413	242253	241019	0.94	cps
Beryllium	9-1	183	189	211	194	7.56	cps
Bismuth	209-1	13665138	13514243	13443672	13541018	0.84	cps
Bismuth	209-2	6554155	6625277	6607356	6595596	0.56	cps
Boron	10-1	20197	20206	20540	20314	0.96	cps
Boron	11-1	104049	105031	104812	104631	0.49	cps
Cadmium	111-1	503	509	478	497	3.30	cps
Cadmium	106-1	5035	4759	4951	4915	2.87	cps
Cadmium	108-1	42	25	58	42	40.00	cps
Calcium	43-1	3187850	3156759	3183253	3175954	0.53	cps
Calcium	44-1	52934501	51767662	53420228	52707464	1.61	cps
Chromium	52-2	6928	7075	7162	7055	1.67	cps
Cobalt	59-2	2384	2570	2640	2531	5.24	cps
Copper	63-2	73992	74489	74301	74261	0.34	cps
Dysprosium	156-1	1450	1400	1250	1367	7.62	cps
Dysprosium	156-2	653	647	593	631	5.21	cps
Erbium	164-1	1550	1367	1542	1486	6.97	cps
Erbium	164-2	613	637	667	639	4.19	cps
Gadolinium	160-1	1475	1425	1475	1458	1.98	cps
Gadolinium	160-2	703	723	770	732	4.67	cps
Holmium	165-1	19442467	19406899	19887435	19578934	1.37	cps
Holmium	165-2	8757727	8952097	8824650	8844824	1.12	cps
Indium	115-1	14125185	13951648	13976513	14017782	0.67	cps
Indium	115-2	2412266	2432426	2425705	2423466	0.42	cps
Iron	56-2	3979947	4025816	4041557	4015773	0.80	cps
Iron	57-2	100592	100957	100156	100568	0.40	cps
Lead	206-1	4907	4518	4890	4771	4.61	cps
Lead	207-1	3790	4067	4145	4001	4.67	cps
Lead	208-1	18723	18044	18956	18574	2.55	cps
Lithium	6-1	1557858	1541175	1537773	1545602	0.70	cps
Magnesium	24-2	9980307	10009533	9962859	9984233	0.24	cps
Manganese	55-2	1355346	1369009	1369291	1364549	0.58	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-11RE	Instrumnet Name :	P7
Client Sample ID :	S36-0114RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:26:42	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5001	4968	5844	5271	9.42	cps
Molybdenum	95-1	5410	5526	5585	5507	1.62	cps
Molybdenum	96-1	6302	6393	6410	6368	0.92	cps
Molybdenum	97-1	3392	3634	3892	3640	6.87	cps
Molybdenum	98-1	8686	8570	9145	8800	3.46	cps
Neodymium	150-1	1780	1940	1807	1842	4.65	cps
Neodymium	150-2	663	627	667	652	3.40	cps
Nickel	60-2	2954	2947	2874	2925	1.52	cps
Phosphorus	31-2	675	667	850	731	14.17	cps
Potassium	39-2	1843129	1859468	1867404	1856667	0.67	cps
Rhodium	103-1	12489915	12516686	12769422	12592008	1.22	cps
Rhodium	103-2	5705674	5721078	5724543	5717099	0.18	cps
Scandium	45-1	7289431	7199380	7274914	7254575	0.67	cps
Scandium	45-2	323045	323293	325031	323790	0.33	cps
Selenium	77-2	37	27	40	34	20.14	cps
Selenium	78-2	104	81	74	86	17.84	cps
Selenium	82-1	139	-160	166	48	377.38	cps
Silicon	28-1	43066649	42503902	42908316	42826289	0.68	cps
Silver	109-1	3809	4243	3967	4006	5.48	cps
Silver	107-1	15770	17037	16336	16381	3.87	cps
Sodium	23-2	19425812	19369923	19463057	19419597	0.24	cps
Strontium	86-1	2869552	2857633	2900533	2875906	0.77	cps
Strontium	88-1	25534804	25330375	25976233	25613804	1.29	cps
Sulfur	34-1	914076	905680	915773	911843	0.59	cps
Terbium	159-1	19784360	19601468	19868097	19751308	0.69	cps
Terbium	159-2	8758747	8769036	8876842	8801541	0.74	cps
Thallium	203-1	142	133	183	153	17.53	cps
Thallium	205-1	433	442	417	431	2.96	cps
Tin	118-1	11755	12923	12464	12381	4.75	cps
Titanium	47-1	16335	16577	16343	16418	0.84	cps
Uranium	238-1	414622	414295	411156	413358	0.46	cps
Vanadium	51-2	2630	2727	2930	2763	5.54	cps
Yttrium	89-1	13655485	13566658	13723496	13648546	0.58	cps
Yttrium	89-2	1817656	1832063	1836395	1828705	0.54	cps
Zinc	66-2	5578	5554	5524	5552	0.48	cps
Zirconium	90-1	5143	5626	5768	5512	5.95	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-11RE	Instrumnet Name :	P7
Client Sample ID :	S36-0114RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:26:42	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1325	1392	1225	1314	6.39	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-12RE	Instrumnet Name :	P7
Client Sample ID :	S36-0115RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79023	81404	80043	80157	1.49	cps
Antimony	121-1	11747	12147	12256	12050	2.22	cps
Arsenic	75-2	15243	15186	15291	15240	0.35	cps
Barium	135-1	79252	78313	78924	78830	0.60	cps
Barium	137-1	144338	137669	137509	139839	2.79	cps
Beryllium	9-1	183	244	206	211	14.65	cps
Bismuth	209-1	13551994	13678560	13477411	13569322	0.75	cps
Bismuth	209-2	6528475	6519250	6531726	6526484	0.10	cps
Boron	10-1	14082	13974	14666	14241	2.61	cps
Boron	11-1	71185	70080	71829	71031	1.25	cps
Cadmium	111-1	562	544	548	551	1.66	cps
Cadmium	106-1	4576	4484	5026	4695	6.18	cps
Cadmium	108-1	38	42	33	38	11.12	cps
Calcium	43-1	1704052	1697250	1710677	1703993	0.39	cps
Calcium	44-1	28200673	28298221	28299478	28266124	0.20	cps
Chromium	52-2	10547	10861	10781	10730	1.52	cps
Cobalt	59-2	3931	3747	3944	3874	2.84	cps
Copper	63-2	94163	95797	94928	94963	0.86	cps
Dysprosium	156-1	2175	2350	2600	2375	8.99	cps
Dysprosium	156-2	1037	947	887	957	7.89	cps
Erbium	164-1	1867	1884	1892	1881	0.68	cps
Erbium	164-2	870	880	800	850	5.13	cps
Gadolinium	160-1	2192	2225	2292	2236	2.28	cps
Gadolinium	160-2	990	1013	1023	1009	1.70	cps
Holmium	165-1	18838805	19397525	19629066	19288465	2.11	cps
Holmium	165-2	8735026	8638833	8645419	8673093	0.62	cps
Indium	115-1	14063013	14060426	14083478	14068973	0.09	cps
Indium	115-2	2385794	2398419	2410335	2398182	0.51	cps
Iron	56-2	3022553	3001385	3045312	3023084	0.73	cps
Iron	57-2	75482	75102	75606	75397	0.35	cps
Lead	206-1	19888	20516	20494	20299	1.76	cps
Lead	207-1	16778	16744	16817	16780	0.22	cps
Lead	208-1	78905	80459	79952	79772	0.99	cps
Lithium	6-1	1554206	1527991	1507003	1529733	1.55	cps
Magnesium	24-2	2816176	2811553	2828774	2818834	0.32	cps
Manganese	55-2	164909	165552	169709	166724	1.56	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-12RE	Instrumnet Name :	P7
Client Sample ID :	S36-0115RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14973	12823	13340	13712	8.18	cps
Molybdenum	95-1	17778	18429	18479	18229	2.15	cps
Molybdenum	96-1	19756	19172	21550	20160	6.15	cps
Molybdenum	97-1	11747	10855	11739	11447	4.48	cps
Molybdenum	98-1	28897	29331	29623	29284	1.25	cps
Neodymium	150-1	3621	3501	3621	3581	1.94	cps
Neodymium	150-2	1277	1200	1257	1245	3.20	cps
Nickel	60-2	3224	2980	3010	3071	4.32	cps
Phosphorus	31-2	1292	958	1117	1122	14.86	cps
Potassium	39-2	5762238	5685724	5684045	5710669	0.78	cps
Rhodium	103-1	12522763	12453213	12696520	12557498	1.00	cps
Rhodium	103-2	5627274	5670155	5689296	5662242	0.56	cps
Scandium	45-1	7158907	7166495	7171906	7165770	0.09	cps
Scandium	45-2	316654	317113	319541	317769	0.49	cps
Selenium	77-2	33	17	20	23	37.78	cps
Selenium	78-2	89	72	98	86	15.21	cps
Selenium	82-1	-100	101	-225	-74	-221.25	cps
Silicon	28-1	36715263	36333930	37712691	36920628	1.93	cps
Silver	109-1	4084	4126	3984	4065	1.79	cps
Silver	107-1	16128	16320	16295	16248	0.64	cps
Sodium	23-2	26833387	26618022	26491633	26647681	0.65	cps
Strontium	86-1	1432404	1425413	1418519	1425445	0.49	cps
Strontium	88-1	12857637	12721945	12735811	12771797	0.58	cps
Sulfur	34-1	812149	801780	792874	802268	1.20	cps
Terbium	159-1	19784248	19613391	19858790	19752143	0.64	cps
Terbium	159-2	8669125	8589492	8646780	8635133	0.48	cps
Thallium	203-1	392	333	383	369	8.54	cps
Thallium	205-1	883	908	975	922	5.14	cps
Tin	118-1	12556	12756	12606	12640	0.82	cps
Titanium	47-1	53874	51682	51090	52215	2.81	cps
Uranium	238-1	32509	32843	32074	32475	1.19	cps
Vanadium	51-2	6318	6205	6475	6333	2.14	cps
Yttrium	89-1	13614404	13509979	13521134	13548505	0.42	cps
Yttrium	89-2	1794522	1789691	1806194	1796802	0.47	cps
Zinc	66-2	75520	74975	75946	75480	0.65	cps
Zirconium	90-1	13012	7846	7453	9437	32.88	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-12RE	Instrumnet Name :	P7
Client Sample ID :	S36-0115RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:30:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1709	1767	1700	1725	2.11	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-13RE	Instrumnet Name :	P7
Client Sample ID :	S36-0116RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:33:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58013	60425	59573	59337	2.06	cps
Antimony	121-1	9253	9579	10321	9718	5.63	cps
Arsenic	75-2	14987	14795	15342	15041	1.84	cps
Barium	135-1	75053	72456	74282	73930	1.80	cps
Barium	137-1	130154	129424	129516	129698	0.31	cps
Beryllium	9-1	172	161	206	180	12.87	cps
Bismuth	209-1	13396105	13235039	13146973	13259372	0.95	cps
Bismuth	209-2	6516810	6439746	6487649	6481402	0.60	cps
Boron	10-1	12656	13498	13874	13343	4.67	cps
Boron	11-1	68841	68146	70448	69145	1.71	cps
Cadmium	111-1	542	509	558	536	4.66	cps
Cadmium	106-1	4668	4634	4751	4684	1.28	cps
Cadmium	108-1	38	54	25	39	37.63	cps
Calcium	43-1	1655251	1662075	1678697	1665341	0.72	cps
Calcium	44-1	27502479	27858555	27797535	27719523	0.69	cps
Chromium	52-2	8996	8953	9346	9098	2.37	cps
Cobalt	59-2	3144	3427	3317	3296	4.33	cps
Copper	63-2	92356	90279	89877	90837	1.46	cps
Dysprosium	156-1	1659	1742	1875	1759	6.22	cps
Dysprosium	156-2	663	727	783	724	8.29	cps
Erbium	164-1	1283	1517	1559	1453	10.20	cps
Erbium	164-2	660	670	653	661	1.27	cps
Gadolinium	160-1	1592	1842	1642	1692	7.82	cps
Gadolinium	160-2	827	813	800	813	1.64	cps
Holmium	165-1	18782665	19106729	19222261	19037218	1.20	cps
Holmium	165-2	8741663	8572085	8629304	8647684	1.00	cps
Indium	115-1	13845840	13777719	13845727	13823095	0.28	cps
Indium	115-2	2396524	2375300	2393913	2388579	0.48	cps
Iron	56-2	2195402	2158667	2187973	2180681	0.89	cps
Iron	57-2	55109	53013	54306	54143	1.95	cps
Lead	206-1	17106	18135	17935	17725	3.08	cps
Lead	207-1	15198	14998	14664	14953	1.80	cps
Lead	208-1	68052	70842	69189	69361	2.02	cps
Lithium	6-1	1501744	1470410	1513784	1495313	1.50	cps
Magnesium	24-2	2751265	2722705	2737018	2736996	0.52	cps
Manganese	55-2	157448	156430	157802	157227	0.45	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-13RE	Instrumnet Name :	P7
Client Sample ID :	S36-0116RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:33:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12666	12573	13032	12757	1.90	cps
Molybdenum	95-1	17420	17253	17895	17523	1.90	cps
Molybdenum	96-1	20115	19673	19514	19767	1.58	cps
Molybdenum	97-1	10996	11105	11088	11063	0.53	cps
Molybdenum	98-1	29523	29356	28922	29267	1.06	cps
Neodymium	150-1	2360	2534	2434	2443	3.56	cps
Neodymium	150-2	980	863	923	922	6.33	cps
Nickel	60-2	2937	2964	3044	2981	1.86	cps
Phosphorus	31-2	1067	1125	1142	1111	3.54	cps
Potassium	39-2	5750145	5652427	5718877	5707150	0.87	cps
Rhodium	103-1	12289041	12403616	12436099	12376252	0.62	cps
Rhodium	103-2	5672156	5630660	5656355	5653057	0.37	cps
Scandium	45-1	6983663	7100611	7066654	7050309	0.85	cps
Scandium	45-2	317128	311624	316873	315208	0.99	cps
Selenium	77-2	23	37	23	28	27.73	cps
Selenium	78-2	81	85	87	85	3.35	cps
Selenium	82-1	-351	-153	-13	-172	-98.50	cps
Silicon	28-1	33607338	33537553	33881585	33675492	0.54	cps
Silver	109-1	3551	4092	3642	3762	7.71	cps
Silver	107-1	14652	16020	14469	15047	5.63	cps
Sodium	23-2	26646607	26215713	26612074	26491464	0.90	cps
Strontium	86-1	1405272	1385938	1405315	1398842	0.80	cps
Strontium	88-1	12585353	12378861	12568611	12510942	0.92	cps
Sulfur	34-1	794037	793964	795552	794518	0.11	cps
Terbium	159-1	19215757	19473648	19596380	19428595	1.00	cps
Terbium	159-2	8641911	8538079	8608000	8595996	0.62	cps
Thallium	203-1	275	225	300	267	14.32	cps
Thallium	205-1	767	667	767	733	7.87	cps
Tin	118-1	10896	10855	11005	10919	0.71	cps
Titanium	47-1	35468	34084	32957	34170	3.68	cps
Uranium	238-1	30529	30762	30763	30685	0.44	cps
Vanadium	51-2	5198	5004	5221	5141	2.31	cps
Yttrium	89-1	13406600	13257601	13423809	13362670	0.68	cps
Yttrium	89-2	1794148	1770545	1806705	1790466	1.03	cps
Zinc	66-2	73728	73833	74663	74075	0.69	cps
Zirconium	90-1	6327	5785	6194	6102	4.63	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2989-13RE	Instrumnet Name :	P7
Client Sample ID :	S36-0116RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:33:42	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1467	1408	1634	1503	7.77	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:37:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	233	308	269	13.95	cps
Antimony	121-1	1100	1317	1125	1181	10.04	cps
Arsenic	75-2	67	59	98	75	27.65	cps
Barium	135-1	633	717	567	639	11.76	cps
Barium	137-1	1125	1358	1142	1208	10.77	cps
Beryllium	9-1	78	128	139	115	28.35	cps
Bismuth	209-1	15277088	15193279	14989370	15153245	0.98	cps
Bismuth	209-2	7753358	7762117	7764766	7760080	0.08	cps
Boron	10-1	2467	2325	2242	2345	4.85	cps
Boron	11-1	13423	12948	12431	12934	3.84	cps
Cadmium	111-1	560	565	601	575	3.87	cps
Cadmium	106-1	5476	5568	5676	5574	1.80	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	1558	1750	1809	1706	7.67	cps
Calcium	44-1	35995	37749	36955	36900	2.38	cps
Chromium	52-2	1557	1693	1647	1632	4.26	cps
Cobalt	59-2	147	177	137	153	13.58	cps
Copper	63-2	25382	25315	24775	25157	1.32	cps
Dysprosium	156-1	42	0	50	31	87.67	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	83	133	33	83	60.00	cps
Erbium	164-2	30	23	30	28	13.86	cps
Gadolinium	160-1	192	133	125	150	24.22	cps
Gadolinium	160-2	80	70	77	76	6.74	cps
Holmium	165-1	21392096	21364270	20945994	21234120	1.18	cps
Holmium	165-2	9615734	9580826	9464201	9553587	0.83	cps
Indium	115-1	16106530	15947501	15942906	15998979	0.58	cps
Indium	115-2	2773125	2762413	2768037	2767858	0.19	cps
Iron	56-2	38798	38947	38468	38737	0.63	cps
Iron	57-2	878	889	945	904	3.95	cps
Lead	206-1	3323	3362	3378	3354	0.85	cps
Lead	207-1	2817	3084	2945	2949	4.52	cps
Lead	208-1	13620	13642	13542	13601	0.39	cps
Lithium	6-1	1860347	1849758	1836717	1848941	0.64	cps
Magnesium	24-2	1358	1592	1583	1511	8.76	cps
Manganese	55-2	2080	2104	1977	2054	3.28	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:37:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	575	375	481	20.91	cps
Molybdenum	95-1	217	250	333	267	22.53	cps
Molybdenum	96-1	292	350	558	400	35.05	cps
Molybdenum	97-1	217	258	233	236	8.88	cps
Molybdenum	98-1	300	483	583	456	31.54	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	693	683	787	721	7.90	cps
Phosphorus	31-2	300	275	317	297	7.05	cps
Potassium	39-2	59528	61059	61336	60641	1.61	cps
Rhodium	103-1	14900043	14664108	14571628	14711926	1.15	cps
Rhodium	103-2	6775501	6812162	6720894	6769519	0.68	cps
Scandium	45-1	8513673	8416108	8232418	8387400	1.70	cps
Scandium	45-2	378372	376686	377006	377355	0.24	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	94	128	113	112	14.95	cps
Selenium	82-1	217	111	116	148	40.47	cps
Silicon	28-1	3788880	3772109	3767119	3776036	0.30	cps
Silver	109-1	1142	1292	1125	1186	7.74	cps
Silver	107-1	4600	5292	4509	4800	8.92	cps
Sodium	23-2	99487	97255	100167	98970	1.54	cps
Strontium	86-1	6693	6093	6810	6532	5.89	cps
Strontium	88-1	8069	7594	7819	7827	3.04	cps
Sulfur	34-1	588002	594056	596265	592774	0.72	cps
Terbium	159-1	21927343	21613157	21827096	21789199	0.74	cps
Terbium	159-2	9580028	9516974	9438815	9511939	0.74	cps
Thallium	203-1	58	117	108	94	33.40	cps
Thallium	205-1	225	333	225	261	23.95	cps
Tin	118-1	1350	1358	1533	1414	7.32	cps
Titanium	47-1	267	358	400	342	19.96	cps
Uranium	238-1	150	150	167	156	6.19	cps
Vanadium	51-2	127	137	110	124	10.83	cps
Yttrium	89-1	15631823	15296846	15349966	15426212	1.17	cps
Yttrium	89-2	2076884	2081906	2069980	2076257	0.29	cps
Zinc	66-2	7065	7088	6818	6991	2.14	cps
Zirconium	90-1	1108	833	975	972	14.15	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:37:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	142	267	217	30.53	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:40:38	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1245073	1237796	1254461	1245777	0.67	cps
Antimony	121-1	8236352	8304234	8179305	8239964	0.76	cps
Arsenic	75-2	268539	270311	270445	269765	0.39	cps
Barium	135-1	9833968	10026855	9838624	9899816	1.11	cps
Barium	137-1	17085887	17144418	17069989	17100098	0.23	cps
Beryllium	9-1	1108721	1110823	1109281	1109608	0.10	cps
Bismuth	209-1	13640992	13373555	13467179	13493909	1.01	cps
Bismuth	209-2	7189454	7043228	7174106	7135596	1.13	cps
Boron	10-1	148632	149944	150827	149801	0.74	cps
Boron	11-1	744270	744650	751525	746815	0.55	cps
Cadmium	111-1	1804858	1818673	1807287	1810273	0.41	cps
Cadmium	106-1	227212	225137	226288	226212	0.46	cps
Cadmium	108-1	147260	147428	147032	147240	0.14	cps
Calcium	43-1	1954428	1954385	1954801	1954538	0.01	cps
Calcium	44-1	32341644	32174365	32244894	32253635	0.26	cps
Chromium	52-2	2269682	2269074	2284264	2274340	0.38	cps
Cobalt	59-2	3739626	3767924	3783589	3763713	0.59	cps
Copper	63-2	5459287	5475583	5485489	5473453	0.24	cps
Dysprosium	156-1	208	158	200	189	14.18	cps
Dysprosium	156-2	47	60	47	51	15.06	cps
Erbium	164-1	75	100	58	78	26.96	cps
Erbium	164-2	50	37	40	42	16.43	cps
Gadolinium	160-1	142	258	125	175	41.51	cps
Gadolinium	160-2	97	103	107	102	4.98	cps
Holmium	165-1	19624090	19531091	19661993	19605724	0.34	cps
Holmium	165-2	9237918	9037217	9150937	9142024	1.10	cps
Indium	115-1	14228910	14327078	14391930	14315973	0.57	cps
Indium	115-2	2583446	2566764	2617608	2589272	1.00	cps
Iron	56-2	96247483	95418902	96364160	96010182	0.54	cps
Iron	57-2	2286474	2293386	2312031	2297297	0.58	cps
Lead	206-1	7429281	7436362	7447196	7437613	0.12	cps
Lead	207-1	6409390	6408806	6402114	6406770	0.06	cps
Lead	208-1	29789795	29457262	29674747	29640601	0.57	cps
Lithium	6-1	1738596	1749506	1743179	1743760	0.31	cps
Magnesium	24-2	15992736	15662016	15871473	15842075	1.06	cps
Manganese	55-2	2489375	2488327	2514811	2497504	0.60	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:40:38	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7179189	7204907	7124509	7169535	0.57	cps
Molybdenum	95-1	3679275	3673001	3660649	3670975	0.26	cps
Molybdenum	96-1	4759683	4759056	4752552	4757097	0.08	cps
Molybdenum	97-1	2304901	2301811	2286620	2297777	0.43	cps
Molybdenum	98-1	6241185	6195734	6195988	6210969	0.42	cps
Neodymium	150-1	653	813	693	720	11.56	cps
Neodymium	150-2	50	87	57	64	30.31	cps
Nickel	60-2	997606	998524	1004521	1000217	0.38	cps
Phosphorus	31-2	70358	70701	71304	70788	0.68	cps
Potassium	39-2	7961745	7903107	7946447	7937100	0.38	cps
Rhodium	103-1	13166688	13020257	12967799	13051581	0.79	cps
Rhodium	103-2	6249588	6126934	6187841	6188121	0.99	cps
Scandium	45-1	7917957	7894541	7797240	7869913	0.81	cps
Scandium	45-2	366552	362498	370512	366521	1.09	cps
Selenium	77-2	5141	5438	5221	5267	2.92	cps
Selenium	78-2	18252	17811	18202	18089	1.34	cps
Selenium	82-1	117033	117162	115974	116723	0.56	cps
Silicon	28-1	3770617	3725044	3755170	3750277	0.62	cps
Silver	109-1	9711211	9791812	9723827	9742284	0.45	cps
Silver	107-1	39208232	39440171	39198449	39282284	0.35	cps
Sodium	23-2	30920048	30553766	30615758	30696524	0.64	cps
Strontium	86-1	2323847	2328665	2334297	2328936	0.22	cps
Strontium	88-1	20682135	20745219	20808537	20745297	0.30	cps
Sulfur	34-1	1262487	1262947	1248795	1258076	0.64	cps
Terbium	159-1	19936104	20238445	20022446	20065665	0.78	cps
Terbium	159-2	9087816	8970834	9123009	9060553	0.88	cps
Thallium	203-1	9113075	9119941	9086663	9106560	0.19	cps
Thallium	205-1	21361235	21482968	21414852	21419685	0.28	cps
Tin	118-1	6803510	6759965	6745285	6769587	0.45	cps
Titanium	47-1	963640	959192	954572	959134	0.47	cps
Uranium	238-1	31825159	31470233	31867954	31721115	0.69	cps
Vanadium	51-2	1845380	1845082	1856669	1849044	0.36	cps
Yttrium	89-1	14245217	14289461	14302275	14278984	0.21	cps
Yttrium	89-2	1996082	1974045	2009985	1993371	0.91	cps
Zinc	66-2	767083	769083	774654	770273	0.51	cps
Zirconium	90-1	13363736	13391427	13403320	13386161	0.15	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P7
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:40:38	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2872830	2868527	2864603	2868653	0.14	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:50:56	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	108	75	94	18.37	cps
Antimony	121-1	8686	13082	15860	12543	28.84	cps
Arsenic	75-2	48	72	63	61	19.87	cps
Barium	135-1	125	58	100	94	35.66	cps
Barium	137-1	133	242	133	169	36.91	cps
Beryllium	9-1	133	172	167	157	13.36	cps
Bismuth	209-1	14025561	13889831	13734175	13883189	1.05	cps
Bismuth	209-2	7334547	7438429	7360605	7377860	0.73	cps
Boron	10-1	1417	1125	1150	1231	13.14	cps
Boron	11-1	6310	6193	6443	6315	1.98	cps
Cadmium	111-1	599	558	573	577	3.66	cps
Cadmium	106-1	5701	5326	5476	5501	3.43	cps
Cadmium	108-1	13	29	8	17	66.16	cps
Calcium	43-1	333	350	417	367	12.03	cps
Calcium	44-1	12372	11572	11980	11975	3.34	cps
Chromium	52-2	1200	1293	1323	1272	5.06	cps
Cobalt	59-2	110	113	127	117	7.56	cps
Copper	63-2	14004	14084	14304	14130	1.10	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	37	27	20	28	30.20	cps
Gadolinium	160-1	100	158	150	136	23.18	cps
Gadolinium	160-2	37	27	50	38	30.98	cps
Holmium	165-1	19951044	19650624	19671094	19757587	0.85	cps
Holmium	165-2	9151244	9222852	9183153	9185749	0.39	cps
Indium	115-1	14939765	15010190	14993025	14980994	0.25	cps
Indium	115-2	2672001	2691715	2676268	2679995	0.39	cps
Iron	56-2	6785	6846	7319	6983	4.18	cps
Iron	57-2	194	139	161	165	16.97	cps
Lead	206-1	2967	2862	2595	2808	6.83	cps
Lead	207-1	2695	2617	2461	2591	4.59	cps
Lead	208-1	11914	11513	11263	11563	2.84	cps
Lithium	6-1	1846348	1826298	1811800	1828148	0.95	cps
Magnesium	24-2	283	342	383	336	14.95	cps
Manganese	55-2	113	90	110	104	12.08	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:50:56	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	942	1008	1283	1078	16.80	cps
Molybdenum	95-1	767	1075	1400	1081	29.31	cps
Molybdenum	96-1	967	1158	1567	1231	24.90	cps
Molybdenum	97-1	492	650	917	686	31.31	cps
Molybdenum	98-1	1317	1709	2192	1739	25.21	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	247	300	257	268	10.59	cps
Phosphorus	31-2	233	358	267	286	22.62	cps
Potassium	39-2	45362	47343	47084	46596	2.31	cps
Rhodium	103-1	13651704	13732667	13666260	13683544	0.32	cps
Rhodium	103-2	6467054	6505603	6389374	6454010	0.92	cps
Scandium	45-1	8075501	8094273	8013048	8060941	0.53	cps
Scandium	45-2	374238	374601	371550	373463	0.45	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	89	87	76	84	8.35	cps
Selenium	82-1	33	-36	-433	-145	-173.10	cps
Silicon	28-1	399966	400680	398208	399618	0.32	cps
Silver	109-1	583	500	650	578	13.01	cps
Silver	107-1	2417	2242	2775	2478	10.97	cps
Sodium	23-2	31325	32127	31300	31584	1.49	cps
Strontium	86-1	5468	5193	5651	5437	4.24	cps
Strontium	88-1	550	425	458	478	13.55	cps
Sulfur	34-1	625827	627945	635420	629730	0.80	cps
Terbium	159-1	20238122	20044109	20131520	20137917	0.48	cps
Terbium	159-2	9177622	9129141	9101324	9136029	0.42	cps
Thallium	203-1	258	283	275	272	4.68	cps
Thallium	205-1	617	575	542	578	6.50	cps
Tin	118-1	1575	1659	1925	1720	10.63	cps
Titanium	47-1	150	133	142	142	5.88	cps
Uranium	238-1	267	225	225	239	10.07	cps
Vanadium	51-2	70	47	53	57	21.21	cps
Yttrium	89-1	14589981	14487176	14434706	14503954	0.54	cps
Yttrium	89-2	2020272	2039284	2007000	2022185	0.80	cps
Zinc	66-2	180	223	210	204	10.86	cps
Zirconium	90-1	1267	1417	1400	1361	6.04	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P7
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:50:56	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	225	408	306	30.65	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BL	Instrumnet Name :	P7
Client Sample ID :	PB98763BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:54:24	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	58	72	24.02	cps
Antimony	121-1	3784	4943	5501	4743	18.47	cps
Arsenic	75-2	48	44	59	51	15.24	cps
Barium	135-1	92	50	100	81	33.26	cps
Barium	137-1	117	100	192	136	35.88	cps
Beryllium	9-1	117	144	194	152	25.96	cps
Bismuth	209-1	14025647	13962511	13840914	13943024	0.67	cps
Bismuth	209-2	7504759	7488563	7460087	7484470	0.30	cps
Boron	10-1	992	975	958	975	1.71	cps
Boron	11-1	5193	4843	5318	5118	4.81	cps
Cadmium	111-1	529	590	566	562	5.45	cps
Cadmium	106-1	5251	5651	5618	5507	4.03	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	317	358	400	358	11.63	cps
Calcium	44-1	11363	11513	11255	11377	1.14	cps
Chromium	52-2	1427	1237	1317	1327	7.19	cps
Cobalt	59-2	123	120	103	116	9.27	cps
Copper	63-2	13617	13510	13723	13617	0.78	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	50	75	83	69	24.98	cps
Erbium	164-2	33	20	40	31	32.73	cps
Gadolinium	160-1	125	117	92	111	15.61	cps
Gadolinium	160-2	77	60	73	70	12.60	cps
Holmium	165-1	19448565	19462608	19598542	19503238	0.42	cps
Holmium	165-2	9328313	9235365	9261835	9275171	0.52	cps
Indium	115-1	15049729	15050773	14923237	15007913	0.49	cps
Indium	115-2	2719705	2713843	2719438	2717662	0.12	cps
Iron	56-2	6479	6468	6713	6554	2.11	cps
Iron	57-2	200	161	150	170	15.41	cps
Lead	206-1	2962	2973	3006	2980	0.78	cps
Lead	207-1	2556	2584	2545	2561	0.78	cps
Lead	208-1	11669	11736	11541	11649	0.85	cps
Lithium	6-1	1849349	1851242	1834113	1844901	0.51	cps
Magnesium	24-2	392	275	292	319	19.75	cps
Manganese	55-2	107	87	100	98	10.41	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BL	Instrumnet Name :	P7
Client Sample ID :	PB98763BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:54:24	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	583	725	1017	775	28.51	cps
Molybdenum	95-1	408	550	775	578	32.00	cps
Molybdenum	96-1	558	792	908	753	23.67	cps
Molybdenum	97-1	467	642	608	572	16.24	cps
Molybdenum	98-1	675	942	1400	1006	36.47	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	203	243	207	218	10.19	cps
Phosphorus	31-2	350	275	333	319	12.33	cps
Potassium	39-2	45379	45345	47460	46061	2.63	cps
Rhodium	103-1	13757591	13832561	13629380	13739844	0.75	cps
Rhodium	103-2	6555986	6516651	6479315	6517317	0.59	cps
Scandium	45-1	8109169	8148767	8049503	8102480	0.62	cps
Scandium	45-2	378099	379231	379045	378792	0.16	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	91	83	109	94	14.14	cps
Selenium	82-1	32	-191	26	-44	-287.48	cps
Silicon	28-1	400116	402486	399716	400773	0.37	cps
Silver	109-1	575	550	517	547	5.35	cps
Silver	107-1	2217	2208	2150	2192	1.66	cps
Sodium	23-2	31350	31108	32227	31562	1.87	cps
Strontium	86-1	5501	5243	5201	5315	3.06	cps
Strontium	88-1	533	550	408	497	15.57	cps
Sulfur	34-1	646521	642074	641450	643348	0.43	cps
Terbium	159-1	20370741	20404984	19964536	20246753	1.21	cps
Terbium	159-2	9259651	9259193	9262377	9260407	0.02	cps
Thallium	203-1	200	150	233	194	21.57	cps
Thallium	205-1	608	508	483	533	12.40	cps
Tin	118-1	1258	1408	1742	1470	16.84	cps
Titanium	47-1	175	100	133	136	27.61	cps
Uranium	238-1	208	183	225	206	10.20	cps
Vanadium	51-2	73	40	33	49	43.84	cps
Yttrium	89-1	14457794	14625282	14374117	14485731	0.88	cps
Yttrium	89-2	2051287	2051575	2061796	2054886	0.29	cps
Zinc	66-2	183	163	170	172	5.91	cps
Zirconium	90-1	1267	1275	1175	1239	4.48	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BL	Instrumnet Name :	P7
Client Sample ID :	PB98763BL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:54:24	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	283	225	231	21.79	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BS	Instrumnet Name :	P7
Client Sample ID :	PB98763BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:57:53	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1306445	1308601	1321753	1312266	0.63	cps
Antimony	121-1	8388435	8344277	8279612	8337441	0.66	cps
Arsenic	75-2	276965	277642	277918	277509	0.18	cps
Barium	135-1	9744601	9929989	9933667	9869419	1.10	cps
Barium	137-1	17090050	17211308	17235920	17179093	0.45	cps
Beryllium	9-1	1163082	1171170	1167449	1167234	0.35	cps
Bismuth	209-1	13269944	13168566	13312321	13250277	0.56	cps
Bismuth	209-2	6820492	7182811	6907466	6970256	2.71	cps
Boron	10-1	153900	156509	156299	155569	0.93	cps
Boron	11-1	774224	777099	785990	779104	0.79	cps
Cadmium	111-1	1820099	1831348	1837306	1829584	0.48	cps
Cadmium	106-1	227194	228673	228210	228025	0.33	cps
Cadmium	108-1	146880	149007	149533	148473	0.95	cps
Calcium	43-1	1989506	2012270	2001257	2001011	0.57	cps
Calcium	44-1	33169101	33047453	33308118	33174891	0.39	cps
Chromium	52-2	2330040	2329037	2354270	2337782	0.61	cps
Cobalt	59-2	3837168	3862009	3864699	3854626	0.39	cps
Copper	63-2	5555762	5596343	5610924	5587676	0.51	cps
Dysprosium	156-1	150	192	275	206	30.96	cps
Dysprosium	156-2	57	67	60	61	8.33	cps
Erbium	164-1	58	42	117	72	54.52	cps
Erbium	164-2	37	37	53	42	22.78	cps
Gadolinium	160-1	208	175	225	203	12.55	cps
Gadolinium	160-2	103	107	130	113	12.82	cps
Holmium	165-1	19330154	19426893	19467074	19408040	0.36	cps
Holmium	165-2	9141362	9123091	9199986	9154813	0.44	cps
Indium	115-1	14419207	14466305	14361418	14415643	0.36	cps
Indium	115-2	2626049	2628727	2650676	2635151	0.51	cps
Iron	56-2	98826461	99060686	99020141	98969096	0.13	cps
Iron	57-2	2362297	2378938	2377299	2372845	0.39	cps
Lead	206-1	7335968	7384764	7316189	7345640	0.48	cps
Lead	207-1	6316469	6324779	6336972	6326073	0.16	cps
Lead	208-1	29473850	29436983	29374491	29428441	0.17	cps
Lithium	6-1	1801302	1815704	1832449	1816485	0.86	cps
Magnesium	24-2	16542822	16448713	16614151	16535229	0.50	cps
Manganese	55-2	2589286	2589071	2610052	2596136	0.46	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BS	Instrumnet Name :	P7
Client Sample ID :	PB98763BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:57:53	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7160898	7238597	7157796	7185764	0.64	cps
Molybdenum	95-1	3704817	3713410	3676496	3698241	0.52	cps
Molybdenum	96-1	4747605	4798666	4777385	4774552	0.54	cps
Molybdenum	97-1	2307628	2316579	2302477	2308894	0.31	cps
Molybdenum	98-1	6301698	6342236	6278672	6307535	0.51	cps
Neodymium	150-1	880	787	720	796	10.10	cps
Neodymium	150-2	53	30	33	39	32.45	cps
Nickel	60-2	1020648	1028763	1024448	1024620	0.40	cps
Phosphorus	31-2	74034	75676	74630	74780	1.11	cps
Potassium	39-2	8261968	8237485	8343136	8280863	0.67	cps
Rhodium	103-1	13000481	13142328	12944891	13029233	0.78	cps
Rhodium	103-2	6198803	6095685	6213937	6169475	1.04	cps
Scandium	45-1	7927327	7911482	8001624	7946811	0.61	cps
Scandium	45-2	375196	375914	379527	376879	0.62	cps
Selenium	77-2	5518	5514	5708	5580	1.98	cps
Selenium	78-2	18419	18610	18851	18627	1.16	cps
Selenium	82-1	117699	118666	119570	118645	0.79	cps
Silicon	28-1	3935751	3966790	3971480	3958007	0.49	cps
Silver	109-1	9639069	9796686	9792518	9742758	0.92	cps
Silver	107-1	39119871	39629780	39470760	39406804	0.66	cps
Sodium	23-2	31865746	31794646	31959936	31873442	0.26	cps
Strontium	86-1	2350044	2353735	2377757	2360512	0.64	cps
Strontium	88-1	20734736	21005417	21247591	20995915	1.22	cps
Sulfur	34-1	1307210	1312933	1311739	1310627	0.23	cps
Terbium	159-1	19457862	19757420	19813838	19676373	0.97	cps
Terbium	159-2	9028359	9112103	9158791	9099751	0.73	cps
Thallium	203-1	9002912	8993203	9050623	9015579	0.34	cps
Thallium	205-1	21158924	21051716	21277270	21162637	0.53	cps
Tin	118-1	6838099	6847418	6781341	6822286	0.52	cps
Titanium	47-1	972285	984671	990545	982501	0.95	cps
Uranium	238-1	31487788	31491178	31380659	31453208	0.20	cps
Vanadium	51-2	1902300	1900482	1910485	1904422	0.28	cps
Yttrium	89-1	14013695	14225379	14296144	14178406	1.04	cps
Yttrium	89-2	2024757	2025606	2049654	2033339	0.70	cps
Zinc	66-2	791389	797922	796101	795137	0.42	cps
Zirconium	90-1	13329645	13520450	13500846	13450313	0.78	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	PB98763BS	Instrumnet Name :	P7
Client Sample ID :	PB98763BS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 14:57:53	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2885032	2924532	2908972	2906179	0.68	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:01:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16835	16602	16410	16616	1.28	cps
Antimony	121-1	72296	83205	91942	82481	11.93	cps
Arsenic	75-2	8180	8330	8768	8426	3.62	cps
Barium	135-1	13841	14408	13674	13974	2.75	cps
Barium	137-1	24472	23896	24481	24283	1.38	cps
Beryllium	9-1	289	294	261	281	6.35	cps
Bismuth	209-1	13551393	13633129	13607596	13597373	0.31	cps
Bismuth	209-2	6574953	6654719	6620564	6616745	0.60	cps
Boron	10-1	5510	5301	4909	5240	5.82	cps
Boron	11-1	26975	25330	24880	25728	4.29	cps
Cadmium	111-1	1089	1122	783	998	18.70	cps
Cadmium	106-1	4934	4884	4918	4912	0.52	cps
Cadmium	108-1	46	46	63	51	18.73	cps
Calcium	43-1	203486	202865	201376	202576	0.54	cps
Calcium	44-1	3296243	3273537	3276640	3282140	0.38	cps
Chromium	52-2	2434	2397	2490	2440	1.93	cps
Cobalt	59-2	6408	6462	6155	6341	2.58	cps
Copper	63-2	92722	91238	90655	91538	1.16	cps
Dysprosium	156-1	1634	1425	1342	1467	10.24	cps
Dysprosium	156-2	590	580	530	567	5.67	cps
Erbium	164-1	1208	933	1225	1122	14.60	cps
Erbium	164-2	480	457	453	463	3.14	cps
Gadolinium	160-1	1283	1092	1433	1270	13.49	cps
Gadolinium	160-2	637	660	677	658	3.06	cps
Holmium	165-1	19074334	19113575	18844642	19010850	0.76	cps
Holmium	165-2	8457286	8494248	8455339	8468957	0.26	cps
Indium	115-1	14107323	14041881	14189469	14112891	0.52	cps
Indium	115-2	2400510	2411338	2421949	2411266	0.44	cps
Iron	56-2	4810333	4822343	4817331	4816669	0.13	cps
Iron	57-2	117153	119868	120323	119114	1.44	cps
Lead	206-1	7241	7069	6624	6978	4.56	cps
Lead	207-1	6074	6152	5496	5907	6.07	cps
Lead	208-1	28318	27829	26205	27451	4.03	cps
Lithium	6-1	1688264	1659207	1665940	1671137	0.91	cps
Magnesium	24-2	85963	86323	86977	86421	0.59	cps
Manganese	55-2	299173	301292	304302	301589	0.85	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:01:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8795	9103	10830	9576	11.45	cps
Molybdenum	95-1	9454	10996	12423	10958	13.55	cps
Molybdenum	96-1	10621	11922	13724	12089	12.89	cps
Molybdenum	97-1	6310	6635	7561	6835	9.49	cps
Molybdenum	98-1	15993	17411	20632	18012	13.20	cps
Neodymium	150-1	2134	1920	2107	2054	5.66	cps
Neodymium	150-2	780	743	817	780	4.70	cps
Nickel	60-2	1823	1974	1924	1907	4.01	cps
Phosphorus	31-2	825	958	875	886	7.60	cps
Potassium	39-2	917562	924690	930060	924104	0.68	cps
Rhodium	103-1	12534437	12574344	12648155	12585645	0.46	cps
Rhodium	103-2	5682749	5668445	5720880	5690691	0.48	cps
Scandium	45-1	7111069	7017505	7045061	7057878	0.68	cps
Scandium	45-2	313869	312859	315877	314202	0.49	cps
Selenium	77-2	33	13	33	27	43.31	cps
Selenium	78-2	122	104	128	118	10.69	cps
Selenium	82-1	179	77	245	167	50.62	cps
Silicon	28-1	14455415	14319557	14420789	14398587	0.49	cps
Silver	109-1	13465	12247	11038	12250	9.91	cps
Silver	107-1	53753	49890	44586	49410	9.31	cps
Sodium	23-2	1460264	1469574	1469815	1466551	0.37	cps
Strontium	86-1	171436	173629	172364	172476	0.64	cps
Strontium	88-1	1469004	1461442	1452812	1461086	0.55	cps
Sulfur	34-1	591241	589447	583082	587923	0.73	cps
Terbium	159-1	19152014	19464652	19231676	19282781	0.84	cps
Terbium	159-2	8414841	8417032	8602633	8478169	1.27	cps
Thallium	203-1	3000	1967	1625	2198	32.58	cps
Thallium	205-1	6835	4801	3817	5151	29.88	cps
Tin	118-1	11605	12806	13440	12617	7.39	cps
Titanium	47-1	5835	6810	6001	6215	8.39	cps
Uranium	238-1	5085	5026	4618	4909	5.18	cps
Vanadium	51-2	2437	2344	2444	2408	2.32	cps
Yttrium	89-1	13426254	13375307	13379177	13393579	0.21	cps
Yttrium	89-2	1765751	1776437	1782010	1774733	0.47	cps
Zinc	66-2	5051	4728	5071	4950	3.89	cps
Zirconium	90-1	8320	9278	9645	9081	7.54	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:01:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1900	2050	1967	1972	3.81	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUP	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:04:45	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16869	17411	18171	17483	3.74	cps
Antimony	121-1	19648	21183	24506	21779	11.40	cps
Arsenic	75-2	8397	8523	8512	8477	0.82	cps
Barium	135-1	14758	13632	13782	14058	4.35	cps
Barium	137-1	24823	25349	25516	25229	1.43	cps
Beryllium	9-1	283	283	256	274	5.85	cps
Bismuth	209-1	13692841	13784502	13733844	13737062	0.33	cps
Bismuth	209-2	6632507	6697248	6701863	6677206	0.58	cps
Boron	10-1	3234	3542	3234	3337	5.34	cps
Boron	11-1	17202	17194	16443	16946	2.57	cps
Cadmium	111-1	568	527	569	555	4.34	cps
Cadmium	106-1	4676	4559	4776	4670	2.32	cps
Cadmium	108-1	38	38	29	35	13.85	cps
Calcium	43-1	207327	205897	205812	206345	0.41	cps
Calcium	44-1	3389302	3378684	3375938	3381308	0.21	cps
Chromium	52-2	2540	2400	2304	2415	4.93	cps
Cobalt	59-2	6815	6508	6395	6573	3.31	cps
Copper	63-2	81566	78607	80503	80225	1.87	cps
Dysprosium	156-1	1867	1859	1317	1681	18.75	cps
Dysprosium	156-2	633	547	607	596	7.45	cps
Erbium	164-1	1217	1108	1325	1217	8.90	cps
Erbium	164-2	517	510	610	546	10.25	cps
Gadolinium	160-1	1208	1208	1300	1239	4.27	cps
Gadolinium	160-2	690	673	603	656	7.01	cps
Holmium	165-1	19105391	19304379	19130577	19180116	0.56	cps
Holmium	165-2	8562140	8651877	8608883	8607634	0.52	cps
Indium	115-1	14253290	14216386	14104366	14191347	0.55	cps
Indium	115-2	2426387	2416213	2436372	2426324	0.42	cps
Iron	56-2	4994913	4970138	4967374	4977475	0.30	cps
Iron	57-2	124826	124641	122513	123993	1.04	cps
Lead	206-1	5868	6402	6057	6109	4.43	cps
Lead	207-1	4851	5118	4957	4975	2.70	cps
Lead	208-1	23175	23564	23926	23555	1.59	cps
Lithium	6-1	1581602	1583459	1573073	1579378	0.35	cps
Magnesium	24-2	88653	88804	87732	88396	0.66	cps
Manganese	55-2	312308	312809	314927	313348	0.44	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUP	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:04:45	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5168	5651	5426	5415	4.47	cps
Molybdenum	95-1	5751	6752	6860	6455	9.47	cps
Molybdenum	96-1	7010	7644	7544	7399	4.60	cps
Molybdenum	97-1	3634	4226	4309	4056	9.07	cps
Molybdenum	98-1	9729	10046	11205	10326	7.53	cps
Neodymium	150-1	1834	2160	2140	2045	8.96	cps
Neodymium	150-2	787	733	753	758	3.56	cps
Nickel	60-2	1800	1910	1863	1858	2.97	cps
Phosphorus	31-2	975	700	725	800	19.01	cps
Potassium	39-2	954504	950997	959071	954858	0.42	cps
Rhodium	103-1	12678226	12698796	12798355	12725126	0.50	cps
Rhodium	103-2	6016102	5808524	5797158	5873928	2.10	cps
Scandium	45-1	7076857	7024202	7078613	7059891	0.44	cps
Scandium	45-2	316086	313590	316390	315355	0.49	cps
Selenium	77-2	47	17	23	29	54.53	cps
Selenium	78-2	87	81	93	87	6.38	cps
Selenium	82-1	-11	-60	3	-23	-144.87	cps
Silicon	28-1	14713197	14688710	14958265	14786724	1.01	cps
Silver	109-1	6452	6593	6360	6468	1.82	cps
Silver	107-1	26282	27199	25407	26296	3.41	cps
Sodium	23-2	1513159	1512766	1513920	1513282	0.04	cps
Strontium	86-1	177509	173807	177485	176267	1.21	cps
Strontium	88-1	1508381	1504654	1496513	1503183	0.40	cps
Sulfur	34-1	578689	570711	571523	573641	0.77	cps
Terbium	159-1	19299127	19421248	19631302	19450559	0.86	cps
Terbium	159-2	8604357	8498493	8556043	8552964	0.62	cps
Thallium	203-1	633	525	433	531	18.87	cps
Thallium	205-1	1250	1517	1308	1358	10.32	cps
Tin	118-1	9137	10488	10513	10046	7.84	cps
Titanium	47-1	6677	7262	6368	6769	6.70	cps
Uranium	238-1	4701	4068	4234	4334	7.58	cps
Vanadium	51-2	2560	2630	2460	2550	3.35	cps
Yttrium	89-1	13496980	13424556	13421180	13447572	0.32	cps
Yttrium	89-2	1792152	1793324	1796232	1793903	0.12	cps
Zinc	66-2	5091	4911	4814	4939	2.84	cps
Zirconium	90-1	5176	5468	5552	5399	3.65	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUP	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:04:45	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	1183	1375	1228	10.65	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LX5	Instrumnet Name :	P7
Client Sample ID :	S83-0012L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 15:08:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4743	4326	4684	4584	4.92	cps
Antimony	121-1	3759	3926	4167	3951	5.20	cps
Arsenic	75-2	2046	1987	2182	2072	4.81	cps
Barium	135-1	3567	3276	3126	3323	6.76	cps
Barium	137-1	5743	5743	5293	5593	4.65	cps
Beryllium	9-1	183	128	178	163	18.78	cps
Bismuth	209-1	13979676	14023979	13964057	13989237	0.22	cps
Bismuth	209-2	7232752	7217820	7234875	7228482	0.13	cps
Boron	10-1	1875	1959	1650	1828	8.73	cps
Boron	11-1	8628	8261	7986	8291	3.89	cps
Cadmium	111-1	499	504	508	504	0.91	cps
Cadmium	106-1	4784	4834	4834	4818	0.60	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	50019	48757	48823	49200	1.44	cps
Calcium	44-1	800987	799471	801650	800703	0.14	cps
Chromium	52-2	1517	1637	1497	1550	4.89	cps
Cobalt	59-2	1627	1567	1517	1570	3.51	cps
Copper	63-2	35750	34728	34076	34852	2.42	cps
Dysprosium	156-1	442	342	467	417	15.87	cps
Dysprosium	156-2	123	160	87	123	29.73	cps
Erbium	164-1	375	342	283	333	13.92	cps
Erbium	164-2	170	137	120	142	17.90	cps
Gadolinium	160-1	358	383	383	375	3.85	cps
Gadolinium	160-2	170	213	190	191	11.35	cps
Holmium	165-1	19606476	19978224	19721680	19768793	0.96	cps
Holmium	165-2	9027314	9088484	8999700	9038499	0.50	cps
Indium	115-1	14810248	14788390	14751221	14783286	0.20	cps
Indium	115-2	2569970	2552076	2581390	2567812	0.58	cps
Iron	56-2	1180682	1184298	1182424	1182468	0.15	cps
Iron	57-2	29235	29653	29074	29320	1.02	cps
Lead	206-1	2511	2673	2689	2624	3.74	cps
Lead	207-1	2323	2106	2078	2169	6.17	cps
Lead	208-1	10402	10157	9952	10170	2.22	cps
Lithium	6-1	1649631	1654787	1639847	1648088	0.46	cps
Magnesium	24-2	21349	21950	21333	21544	1.63	cps
Manganese	55-2	74645	74782	75050	74826	0.28	cps

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Inst Id :P7
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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LX5	Instrumnet Name :	P7
Client Sample ID :	S83-0012L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 15:08:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1625	1725	1600	1650	4.01	cps
Molybdenum	95-1	1925	1750	2034	1903	7.51	cps
Molybdenum	96-1	1984	1934	2817	2245	22.11	cps
Molybdenum	97-1	1158	1342	1150	1217	8.90	cps
Molybdenum	98-1	2925	3075	3601	3201	11.08	cps
Neodymium	150-1	493	493	553	513	6.75	cps
Neodymium	150-2	117	200	167	161	26.03	cps
Nickel	60-2	597	580	553	577	3.79	cps
Phosphorus	31-2	542	442	433	472	12.77	cps
Potassium	39-2	259549	263849	263322	262240	0.89	cps
Rhodium	103-1	13447125	13521071	13398363	13455519	0.46	cps
Rhodium	103-2	6306432	6293912	6328355	6309566	0.28	cps
Scandium	45-1	7554619	7661438	7624850	7613636	0.71	cps
Scandium	45-2	341600	346533	347197	345110	0.89	cps
Selenium	77-2	3	10	17	10	66.70	cps
Selenium	78-2	104	76	94	91	15.48	cps
Selenium	82-1	-46	-255	13	-96	-146.90	cps
Silicon	28-1	4061018	3906811	3928868	3965566	2.10	cps
Silver	109-1	2617	2492	2425	2511	3.87	cps
Silver	107-1	10626	10043	9935	10201	3.65	cps
Sodium	23-2	382216	384536	386902	384551	0.61	cps
Strontium	86-1	45849	44603	44738	45064	1.52	cps
Strontium	88-1	345105	349216	347484	347268	0.59	cps
Sulfur	34-1	584828	576778	578010	579872	0.75	cps
Terbium	159-1	20237900	20184587	20226645	20216377	0.14	cps
Terbium	159-2	8958138	9022188	9042134	9007486	0.49	cps
Thallium	203-1	158	250	350	253	37.92	cps
Thallium	205-1	433	467	475	458	4.81	cps
Tin	118-1	2334	2409	2550	2431	4.53	cps
Titanium	47-1	1742	1734	1659	1711	2.68	cps
Uranium	238-1	1025	1000	1100	1042	5.00	cps
Vanadium	51-2	657	683	607	649	6.00	cps
Yttrium	89-1	14144157	14228125	14170446	14180909	0.30	cps
Yttrium	89-2	1922246	1924621	1929167	1925345	0.18	cps
Zinc	66-2	1313	1207	1263	1261	4.23	cps
Zirconium	90-1	1667	1684	1850	1734	5.85	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LX5	Instrumnet Name :	P7
Client Sample ID :	S83-0012L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 15:08:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	350	442	408	12.41	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:11:44	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	987009	995506	997639	993385	0.57	cps
Antimony	121-1	7200834	7294790	7158984	7218203	0.96	cps
Arsenic	75-2	226131	224438	223952	224840	0.51	cps
Barium	135-1	8594002	8788082	8634392	8672159	1.18	cps
Barium	137-1	15083320	15080429	15032867	15065539	0.19	cps
Beryllium	9-1	877657	887067	883473	882732	0.54	cps
Bismuth	209-1	13073789	13117908	13008445	13066714	0.42	cps
Bismuth	209-2	6332031	6310792	6302966	6315263	0.24	cps
Boron	10-1	246965	252118	251207	250097	1.10	cps
Boron	11-1	1204541	1228372	1241464	1224792	1.53	cps
Cadmium	111-1	1537539	1547120	1538879	1541179	0.34	cps
Cadmium	106-1	189770	191223	189071	190021	0.58	cps
Cadmium	108-1	124091	126076	124936	125034	0.80	cps
Calcium	43-1	1847150	1859184	1824569	1843634	0.95	cps
Calcium	44-1	30354075	30734677	30601762	30563505	0.63	cps
Chromium	52-2	1860180	1850984	1849065	1853410	0.32	cps
Cobalt	59-2	3081157	3080063	3093624	3084948	0.24	cps
Copper	63-2	4688379	4685102	4677995	4683825	0.11	cps
Dysprosium	156-1	1734	1842	1609	1728	6.76	cps
Dysprosium	156-2	597	563	530	563	5.92	cps
Erbium	164-1	8987	9153	9162	9101	1.09	cps
Erbium	164-2	3751	4084	4037	3957	4.56	cps
Gadolinium	160-1	2084	1867	1975	1975	5.49	cps
Gadolinium	160-2	830	817	920	856	6.57	cps
Holmium	165-1	18839960	18863072	18759645	18820892	0.29	cps
Holmium	165-2	8448569	8398636	8518192	8455132	0.71	cps
Indium	115-1	13420446	13394116	13329250	13381271	0.35	cps
Indium	115-2	2252959	2259811	2268231	2260334	0.34	cps
Iron	56-2	83187319	83155838	82810696	83051284	0.25	cps
Iron	57-2	1999511	1997023	2000958	1999164	0.10	cps
Lead	206-1	6630972	6682711	6613399	6642361	0.54	cps
Lead	207-1	5574296	5626616	5601463	5600792	0.47	cps
Lead	208-1	26502905	26782398	26732798	26672700	0.56	cps
Lithium	6-1	1532885	1541326	1529419	1534543	0.40	cps
Magnesium	24-2	12960317	12972058	12836488	12922955	0.58	cps
Manganese	55-2	2268996	2277058	2274119	2273391	0.18	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:11:44	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7903892	7993900	7931573	7943122	0.58	cps
Molybdenum	95-1	6666657	6594131	6573506	6611431	0.74	cps
Molybdenum	96-1	7946888	8048781	7933959	7976543	0.79	cps
Molybdenum	97-1	3991655	4010836	3979289	3993927	0.40	cps
Molybdenum	98-1	10774507	10855412	10831370	10820430	0.38	cps
Neodymium	150-1	2847	2660	2594	2700	4.86	cps
Neodymium	150-2	790	750	760	767	2.72	cps
Nickel	60-2	828397	831007	829263	829556	0.16	cps
Phosphorus	31-2	717	700	700	706	1.36	cps
Potassium	39-2	7013949	7024134	7037422	7025168	0.17	cps
Rhodium	103-1	12065845	12345728	12132608	12181394	1.20	cps
Rhodium	103-2	5506710	5491944	5500450	5499701	0.13	cps
Scandium	45-1	6983804	7052534	7066720	7034352	0.63	cps
Scandium	45-2	313777	314638	312892	313769	0.28	cps
Selenium	77-2	4217	4257	4264	4246	0.59	cps
Selenium	78-2	13990	14311	14170	14157	1.14	cps
Selenium	82-1	98479	99623	99148	99083	0.58	cps
Silicon	28-1	20573523	20751429	20702803	20675919	0.44	cps
Silver	109-1	3569652	3621770	3585282	3592235	0.74	cps
Silver	107-1	14450563	14628073	14476660	14518432	0.66	cps
Sodium	23-2	26522379	26678141	26599637	26600052	0.29	cps
Strontium	86-1	2154764	2184908	2163149	2167607	0.72	cps
Strontium	88-1	19326779	19484942	19354413	19388711	0.44	cps
Sulfur	34-1	584850	587591	582367	584936	0.45	cps
Terbium	159-1	19294607	19543357	19201029	19346331	0.91	cps
Terbium	159-2	8356602	8315839	8331069	8334503	0.25	cps
Thallium	203-1	8077337	8067222	8127551	8090703	0.40	cps
Thallium	205-1	19183379	19234105	19136357	19184614	0.25	cps
Tin	118-1	11488874	11497366	11339884	11442041	0.77	cps
Titanium	47-1	1561832	1570343	1561621	1564598	0.32	cps
Uranium	238-1	27771828	28488259	28158310	28139466	1.27	cps
Vanadium	51-2	1467809	1470728	1470810	1469782	0.12	cps
Yttrium	89-1	13155629	13363947	13251421	13256999	0.79	cps
Yttrium	89-2	1757861	1741382	1755726	1751656	0.51	cps
Zinc	66-2	627697	631054	628344	629032	0.28	cps
Zirconium	90-1	10934146	11085112	11058335	11025864	0.73	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:11:44	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2364641	2399415	2382662	2382240	0.73	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:15:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	993457	1008031	994893	998794	0.80	cps
Antimony	121-1	7279663	7368884	7455404	7367984	1.19	cps
Arsenic	75-2	226631	226691	225918	226414	0.19	cps
Barium	135-1	8780691	8842972	8794072	8805912	0.37	cps
Barium	137-1	15252690	15209916	15170916	15211174	0.27	cps
Beryllium	9-1	898839	890958	889624	893140	0.56	cps
Bismuth	209-1	13209005	13076243	13120853	13135367	0.51	cps
Bismuth	209-2	6328360	6343836	6281627	6317941	0.51	cps
Boron	10-1	258016	255895	256333	256748	0.44	cps
Boron	11-1	1254210	1270628	1270459	1265099	0.75	cps
Cadmium	111-1	1569578	1570432	1578158	1572723	0.30	cps
Cadmium	106-1	189011	189974	193461	190815	1.23	cps
Cadmium	108-1	127093	126399	127937	127143	0.61	cps
Calcium	43-1	1882829	1871537	1883950	1879438	0.37	cps
Calcium	44-1	31139955	31045130	31252440	31145842	0.33	cps
Chromium	52-2	1866571	1879343	1859946	1868620	0.53	cps
Cobalt	59-2	3105411	3118215	3091275	3104967	0.43	cps
Copper	63-2	4704207	4715047	4693400	4704218	0.23	cps
Dysprosium	156-1	1875	1850	2034	1920	5.18	cps
Dysprosium	156-2	537	553	583	558	4.24	cps
Erbium	164-1	8870	9187	9178	9078	1.99	cps
Erbium	164-2	3904	3947	3974	3942	0.90	cps
Gadolinium	160-1	2059	1642	1800	1834	11.47	cps
Gadolinium	160-2	880	947	870	899	4.64	cps
Holmium	165-1	19051099	19141866	19009932	19067632	0.35	cps
Holmium	165-2	8584038	8606463	8442398	8544299	1.04	cps
Indium	115-1	13566410	13495727	13478317	13513485	0.35	cps
Indium	115-2	2264270	2279193	2249203	2264222	0.66	cps
Iron	56-2	83438685	84363088	83487494	83763089	0.62	cps
Iron	57-2	2012522	2027369	2008748	2016213	0.49	cps
Lead	206-1	7236796	7159910	7235584	7210764	0.61	cps
Lead	207-1	5678519	5672203	5711070	5687264	0.37	cps
Lead	208-1	27781862	27301785	27736120	27606589	0.96	cps
Lithium	6-1	1534956	1524985	1534813	1531584	0.37	cps
Magnesium	24-2	13287791	13273754	13179839	13247128	0.44	cps
Manganese	55-2	2282350	2303151	2273696	2286399	0.66	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:15:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8018720	8086348	8177922	8094330	0.99	cps
Molybdenum	95-1	6695324	6684510	6710608	6696814	0.20	cps
Molybdenum	96-1	8018708	8004965	8128239	8050637	0.84	cps
Molybdenum	97-1	4037647	4040616	4096765	4058343	0.82	cps
Molybdenum	98-1	11027565	11042312	11113002	11060960	0.41	cps
Neodymium	150-1	2594	2687	2760	2680	3.12	cps
Neodymium	150-2	823	790	817	810	2.18	cps
Nickel	60-2	832623	838471	834447	835180	0.36	cps
Phosphorus	31-2	842	792	708	781	8.63	cps
Potassium	39-2	7025590	7116273	7024432	7055432	0.75	cps
Rhodium	103-1	12244070	12250534	12451270	12315291	0.96	cps
Rhodium	103-2	5535233	5544390	5477515	5519046	0.66	cps
Scandium	45-1	7133924	7052022	7050604	7078850	0.67	cps
Scandium	45-2	313987	315678	310969	313545	0.76	cps
Selenium	77-2	4237	4424	4304	4322	2.19	cps
Selenium	78-2	14452	14315	14459	14408	0.57	cps
Selenium	82-1	100943	100519	101311	100924	0.39	cps
Silicon	28-1	20408241	20339402	20496221	20414621	0.39	cps
Silver	109-1	3634589	3635453	3665526	3645189	0.48	cps
Silver	107-1	14691239	14717237	14849350	14752608	0.57	cps
Sodium	23-2	26999824	26827110	26751675	26859536	0.47	cps
Strontium	86-1	2218605	2209130	2199039	2208925	0.44	cps
Strontium	88-1	19674918	19675641	19648016	19666192	0.08	cps
Sulfur	34-1	581528	576823	571374	576575	0.88	cps
Terbium	159-1	19274970	19448889	19748558	19490806	1.23	cps
Terbium	159-2	8449742	8454026	8325857	8409875	0.87	cps
Thallium	203-1	8296787	8248078	8308509	8284458	0.39	cps
Thallium	205-1	19544074	19612883	19723359	19626772	0.46	cps
Tin	118-1	11652309	11663361	11659892	11658521	0.05	cps
Titanium	47-1	1587869	1583160	1584336	1585122	0.15	cps
Uranium	238-1	28789294	28480884	28916796	28728992	0.78	cps
Vanadium	51-2	1485132	1493181	1483030	1487114	0.36	cps
Yttrium	89-1	13328724	13331140	13382582	13347482	0.23	cps
Yttrium	89-2	1767607	1770404	1757180	1765064	0.39	cps
Zinc	66-2	632688	634033	629140	631953	0.40	cps
Zirconium	90-1	11203242	11268479	11395443	11289055	0.87	cps

Reviewed By:jaswal
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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:15:09	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2417055	2416229	2442111	2425132	0.61	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:18:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1037208	1045734	1054233	1045725	0.81	cps
Antimony	121-1	7613573	7680972	7632002	7642182	0.46	cps
Arsenic	75-2	238034	237802	239254	238363	0.33	cps
Barium	135-1	9098269	9192519	9196437	9162409	0.61	cps
Barium	137-1	15723527	15932511	16061609	15905882	1.07	cps
Beryllium	9-1	918458	925141	928709	924103	0.56	cps
Bismuth	209-1	12934046	13062465	13102903	13033138	0.68	cps
Bismuth	209-2	6317757	6344103	6334824	6332228	0.21	cps
Boron	10-1	264199	269481	269425	267702	1.13	cps
Boron	11-1	1293270	1323036	1320940	1312415	1.27	cps
Cadmium	111-1	1618993	1622633	1641919	1627848	0.76	cps
Cadmium	106-1	197144	200600	197955	198566	0.91	cps
Cadmium	108-1	129889	130612	133244	131248	1.35	cps
Calcium	43-1	1944441	1944146	1955333	1947973	0.33	cps
Calcium	44-1	32212934	31888793	32218502	32106743	0.59	cps
Chromium	52-2	1961670	1969756	1988765	1973397	0.70	cps
Cobalt	59-2	3245833	3272070	3276238	3264714	0.50	cps
Copper	63-2	4932596	4946924	4994820	4958113	0.66	cps
Dysprosium	156-1	1759	1875	2017	1884	6.87	cps
Dysprosium	156-2	517	680	657	618	14.30	cps
Erbium	164-1	9262	10263	9087	9537	6.65	cps
Erbium	164-2	4157	4204	3967	4110	3.05	cps
Gadolinium	160-1	1959	2175	1859	1997	8.11	cps
Gadolinium	160-2	943	923	923	930	1.24	cps
Holmium	165-1	18742892	18932314	18984872	18886693	0.67	cps
Holmium	165-2	8528095	8560767	8572483	8553782	0.27	cps
Indium	115-1	13259230	13238366	13387466	13295021	0.61	cps
Indium	115-2	2255686	2262104	2273649	2263813	0.40	cps
Iron	56-2	88261738	88437683	89391285	88696902	0.69	cps
Iron	57-2	2108116	2128129	2128689	2121645	0.55	cps
Lead	206-1	7434874	7380774	7463158	7426269	0.56	cps
Lead	207-1	5897671	5927554	5930769	5918665	0.31	cps
Lead	208-1	28653945	28570522	28705574	28643347	0.24	cps
Lithium	6-1	1498553	1518706	1516801	1511353	0.74	cps
Magnesium	24-2	13720951	13703190	13866333	13763491	0.65	cps
Manganese	55-2	2393608	2415771	2433960	2414446	0.84	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:18:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8309704	8422430	8433588	8388574	0.82	cps
Molybdenum	95-1	6841699	6978015	6956380	6925365	1.06	cps
Molybdenum	96-1	8317576	8387593	8482057	8395742	0.98	cps
Molybdenum	97-1	4184493	4240495	4227804	4217597	0.70	cps
Molybdenum	98-1	11385390	11542972	11586632	11504998	0.92	cps
Neodymium	150-1	2554	2687	2780	2674	4.26	cps
Neodymium	150-2	723	830	843	799	8.23	cps
Nickel	60-2	877954	879395	887446	881598	0.58	cps
Phosphorus	31-2	650	817	783	750	11.76	cps
Potassium	39-2	7397383	7370699	7498218	7422100	0.91	cps
Rhodium	103-1	12108958	12219355	12238703	12189005	0.57	cps
Rhodium	103-2	5497068	5554623	5549647	5533779	0.58	cps
Scandium	45-1	6965436	6994064	7032067	6997189	0.48	cps
Scandium	45-2	312183	313362	314843	313463	0.43	cps
Selenium	77-2	4808	4354	4384	4515	5.62	cps
Selenium	78-2	15049	15028	15112	15063	0.29	cps
Selenium	82-1	102837	104225	104905	103989	1.01	cps
Silicon	28-1	21398199	21131254	21356690	21295381	0.67	cps
Silver	109-1	3756892	3793030	3815054	3788325	0.78	cps
Silver	107-1	15194091	15284919	15395064	15291358	0.66	cps
Sodium	23-2	28044815	28072260	28127806	28081627	0.15	cps
Strontium	86-1	2298267	2297565	2292586	2296139	0.13	cps
Strontium	88-1	20296944	20493686	20578019	20456217	0.71	cps
Sulfur	34-1	567669	567721	567551	567647	0.02	cps
Terbium	159-1	19067709	19553922	19460979	19360870	1.33	cps
Terbium	159-2	8364799	8517323	8453514	8445212	0.91	cps
Thallium	203-1	8604244	8606311	8625689	8612081	0.14	cps
Thallium	205-1	20279150	20532612	20448696	20420153	0.63	cps
Tin	118-1	12098610	12087120	12171207	12118979	0.38	cps
Titanium	47-1	1637090	1639298	1639619	1638669	0.08	cps
Uranium	238-1	29640792	29947679	30042331	29876934	0.70	cps
Vanadium	51-2	1555744	1558932	1572265	1562314	0.56	cps
Yttrium	89-1	13125092	13253381	13285034	13221169	0.64	cps
Yttrium	89-2	1747895	1767051	1771136	1762027	0.70	cps
Zinc	66-2	661179	661955	665710	662948	0.37	cps
Zirconium	90-1	11617328	11749568	11626483	11664460	0.63	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:18:34	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2487463	2524034	2523585	2511694	0.84	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:21:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267	1275	1117	1220	7.31	cps
Antimony	121-1	8186	8428	9128	8581	5.70	cps
Arsenic	75-2	635	644	685	655	4.06	cps
Barium	135-1	13357	12614	13365	13112	3.29	cps
Barium	137-1	22778	23938	23437	23384	2.49	cps
Beryllium	9-1	456	428	317	400	18.37	cps
Bismuth	209-1	14131099	14102966	13981823	14071962	0.56	cps
Bismuth	209-2	6588178	6620277	6668449	6625635	0.61	cps
Boron	10-1	11063	10354	9887	10435	5.67	cps
Boron	11-1	53445	51104	49599	51383	3.77	cps
Cadmium	111-1	761	708	719	729	3.85	cps
Cadmium	106-1	4651	4534	4776	4654	2.60	cps
Cadmium	108-1	50	33	50	44	21.66	cps
Calcium	43-1	334536	336281	339048	336622	0.68	cps
Calcium	44-1	5604846	5651212	5657274	5637777	0.51	cps
Chromium	52-2	2200	2200	2204	2201	0.09	cps
Cobalt	59-2	463	420	353	412	13.44	cps
Copper	63-2	56107	55659	56505	56091	0.75	cps
Dysprosium	156-1	75	67	58	67	12.49	cps
Dysprosium	156-2	30	17	23	23	28.56	cps
Erbium	164-1	100	92	83	92	9.09	cps
Erbium	164-2	67	57	57	60	9.62	cps
Gadolinium	160-1	117	125	133	125	6.67	cps
Gadolinium	160-2	50	63	90	68	30.05	cps
Holmium	165-1	18895398	18947638	19381657	19074898	1.40	cps
Holmium	165-2	8430926	8595712	8447370	8491336	1.07	cps
Indium	115-1	14075073	14021342	14007357	14034591	0.25	cps
Indium	115-2	2343329	2367793	2390508	2367210	1.00	cps
Iron	56-2	25629	25723	25996	25782	0.74	cps
Iron	57-2	694	783	750	743	6.05	cps
Lead	206-1	3734	3756	3895	3795	2.30	cps
Lead	207-1	3389	3100	3084	3191	5.39	cps
Lead	208-1	15215	14598	14932	14915	2.07	cps
Lithium	6-1	1515359	1521006	1531735	1522700	0.55	cps
Magnesium	24-2	92846	93366	93877	93363	0.55	cps
Manganese	55-2	56632	56742	55109	56161	1.62	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:21:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3267	4051	4543	3954	16.27	cps
Molybdenum	95-1	4142	4851	5710	4901	16.01	cps
Molybdenum	96-1	4859	5243	6660	5587	16.98	cps
Molybdenum	97-1	2550	3109	3926	3195	21.65	cps
Molybdenum	98-1	7144	7669	9387	8066	14.54	cps
Neodymium	150-1	73	67	60	67	10.00	cps
Neodymium	150-2	23	13	17	18	28.64	cps
Nickel	60-2	773	790	870	811	6.37	cps
Phosphorus	31-2	258	258	283	267	5.41	cps
Potassium	39-2	1170411	1178278	1184477	1177722	0.60	cps
Rhodium	103-1	12514473	12538697	12716494	12589888	0.88	cps
Rhodium	103-2	5629725	5666897	5714657	5670426	0.75	cps
Scandium	45-1	6912302	6942605	6980933	6945280	0.50	cps
Scandium	45-2	308664	307870	309367	308634	0.24	cps
Selenium	77-2	30	23	13	22	37.76	cps
Selenium	78-2	91	120	115	109	14.50	cps
Selenium	82-1	-26	-47	216	48	305.50	cps
Silicon	28-1	13125764	13247753	13249985	13207834	0.54	cps
Silver	109-1	4509	4168	4459	4379	4.22	cps
Silver	107-1	18179	17145	17637	17654	2.93	cps
Sodium	23-2	2473253	2472206	2477155	2474205	0.11	cps
Strontium	86-1	205568	201095	205186	203950	1.22	cps
Strontium	88-1	1744461	1734360	1742526	1740449	0.31	cps
Sulfur	34-1	804371	804880	797788	802346	0.49	cps
Terbium	159-1	19405217	19734666	19591850	19577244	0.84	cps
Terbium	159-2	8395518	8476922	8436507	8436316	0.48	cps
Thallium	203-1	2884	2642	2392	2639	9.32	cps
Thallium	205-1	6760	6060	6544	6455	5.55	cps
Tin	118-1	47046	46720	45366	46377	1.92	cps
Titanium	47-1	875	867	883	875	0.95	cps
Uranium	238-1	2317	2200	2075	2198	5.50	cps
Vanadium	51-2	2300	2477	2390	2389	3.70	cps
Yttrium	89-1	13390206	13294055	13436274	13373512	0.54	cps
Yttrium	89-2	1736125	1742441	1768277	1748948	0.97	cps
Zinc	66-2	11805	11928	11882	11872	0.52	cps
Zirconium	90-1	2942	2859	3684	3162	14.37	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:21:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	642	542	733	639	15.00	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:25:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2584	2826	2350	2587	9.19	cps
Antimony	121-1	8294	9020	8795	8703	4.27	cps
Arsenic	75-2	9903	10054	10248	10068	1.72	cps
Barium	135-1	12806	13098	12907	12937	1.15	cps
Barium	137-1	23571	22861	23412	23281	1.60	cps
Beryllium	9-1	333	356	289	326	10.42	cps
Bismuth	209-1	13385235	13644539	13599524	13543099	1.02	cps
Bismuth	209-2	6560529	6614792	6624426	6599916	0.52	cps
Boron	10-1	6160	6185	5993	6113	1.71	cps
Boron	11-1	29839	29688	28436	29321	2.63	cps
Cadmium	111-1	588	638	701	642	8.78	cps
Cadmium	106-1	4134	4584	5051	4590	9.99	cps
Cadmium	108-1	54	38	13	35	60.40	cps
Calcium	43-1	215447	212876	213491	213938	0.63	cps
Calcium	44-1	3502967	3503215	3473751	3493311	0.48	cps
Chromium	52-2	2984	3110	2950	3015	2.80	cps
Cobalt	59-2	6828	6932	6735	6832	1.44	cps
Copper	63-2	55829	55809	56887	56175	1.10	cps
Dysprosium	156-1	442	400	392	411	6.52	cps
Dysprosium	156-2	183	130	103	139	29.33	cps
Erbium	164-1	300	242	333	292	15.91	cps
Erbium	164-2	133	140	167	147	12.03	cps
Gadolinium	160-1	317	375	367	353	8.94	cps
Gadolinium	160-2	173	223	183	193	13.68	cps
Holmium	165-1	18945678	18691094	18785295	18807355	0.68	cps
Holmium	165-2	8631760	8586671	8627152	8615194	0.29	cps
Indium	115-1	13968609	13853181	13804063	13875284	0.61	cps
Indium	115-2	2375815	2378182	2386086	2380028	0.23	cps
Iron	56-2	5047869	5070169	5091337	5069792	0.43	cps
Iron	57-2	124709	125313	127503	125842	1.17	cps
Lead	206-1	4267	3917	4006	4064	4.48	cps
Lead	207-1	3573	3467	3545	3528	1.55	cps
Lead	208-1	15737	15326	15387	15484	1.43	cps
Lithium	6-1	1495498	1482040	1493037	1490191	0.48	cps
Magnesium	24-2	90917	92233	90623	91258	0.94	cps
Manganese	55-2	338622	342068	343779	341490	0.77	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:25:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4159	4501	4584	4415	5.10	cps
Molybdenum	95-1	5585	5977	5885	5815	3.52	cps
Molybdenum	96-1	6694	6619	6910	6741	2.25	cps
Molybdenum	97-1	3501	3626	3876	3667	5.21	cps
Molybdenum	98-1	9529	9395	10463	9796	5.94	cps
Neodymium	150-1	507	433	500	480	8.45	cps
Neodymium	150-2	170	137	217	174	23.04	cps
Nickel	60-2	1987	1880	1857	1908	3.63	cps
Phosphorus	31-2	675	683	767	708	7.16	cps
Potassium	39-2	971875	973715	975164	973585	0.17	cps
Rhodium	103-1	12326234	12424426	12406915	12385858	0.42	cps
Rhodium	103-2	5699874	5693915	5714520	5702770	0.19	cps
Scandium	45-1	6855647	6884606	6896144	6878799	0.30	cps
Scandium	45-2	309746	310408	311545	310566	0.29	cps
Selenium	77-2	30	20	27	26	19.92	cps
Selenium	78-2	98	74	76	83	16.20	cps
Selenium	82-1	-101	-84	-169	-118	-37.82	cps
Silicon	28-1	13444441	13473123	13455322	13457629	0.11	cps
Silver	109-1	4284	4201	4459	4315	3.06	cps
Silver	107-1	17378	17153	18137	17556	2.94	cps
Sodium	23-2	1580512	1585325	1585278	1583705	0.17	cps
Strontium	86-1	185819	185905	184286	185337	0.49	cps
Strontium	88-1	1570668	1573036	1565777	1569827	0.24	cps
Sulfur	34-1	572004	565235	558472	565237	1.20	cps
Terbium	159-1	19218363	19271697	19437456	19309172	0.59	cps
Terbium	159-2	8491559	8396466	8436854	8441626	0.57	cps
Thallium	203-1	1975	2142	1709	1942	11.26	cps
Thallium	205-1	4643	4909	4643	4732	3.26	cps
Tin	118-1	30560	30894	29240	30231	2.89	cps
Titanium	47-1	867	1033	1083	995	11.41	cps
Uranium	238-1	3334	3059	3151	3181	4.40	cps
Vanadium	51-2	2274	2267	2410	2317	3.49	cps
Yttrium	89-1	13310411	13013479	13253139	13192343	1.19	cps
Yttrium	89-2	1759755	1765163	1776716	1767212	0.49	cps
Zinc	66-2	7439	7529	7759	7575	2.18	cps
Zirconium	90-1	3326	3101	3434	3287	5.17	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05	Instrumnet Name :	P7
Client Sample ID :	S83-0012	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:25:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	758	825	772	6.14	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:28:57	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200106	1221072	1202037	1207738	0.96	cps
Antimony	121-1	8198084	8255638	8088508	8180743	1.04	cps
Arsenic	75-2	265231	264369	265133	264911	0.18	cps
Barium	135-1	9878821	10029166	9889759	9932582	0.84	cps
Barium	137-1	17142088	17262515	17249800	17218135	0.38	cps
Beryllium	9-1	1077333	1089934	1086147	1084471	0.60	cps
Bismuth	209-1	13426618	13665555	13535075	13542416	0.88	cps
Bismuth	209-2	6794183	6806418	6815746	6805449	0.16	cps
Boron	10-1	147666	148413	150020	148700	0.81	cps
Boron	11-1	729755	748840	752314	743636	1.63	cps
Cadmium	111-1	1801386	1818805	1806906	1809032	0.49	cps
Cadmium	106-1	224290	227871	223655	225272	1.01	cps
Cadmium	108-1	145567	146767	146876	146403	0.50	cps
Calcium	43-1	1901788	1926223	1910311	1912774	0.65	cps
Calcium	44-1	31322426	31729916	31525630	31525991	0.65	cps
Chromium	52-2	2231337	2233597	2242450	2235794	0.26	cps
Cobalt	59-2	3691865	3722861	3718091	3710939	0.45	cps
Copper	63-2	5394801	5416149	5400552	5403834	0.20	cps
Dysprosium	156-1	275	175	242	231	22.09	cps
Dysprosium	156-2	50	43	53	49	10.42	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	47	30	30	36	27.07	cps
Gadolinium	160-1	125	150	200	158	24.12	cps
Gadolinium	160-2	97	87	123	102	18.54	cps
Holmium	165-1	19612756	19953991	19733581	19766776	0.88	cps
Holmium	165-2	9140466	9091150	9017058	9082891	0.68	cps
Indium	115-1	14179072	14276513	14346816	14267467	0.59	cps
Indium	115-2	2554999	2559660	2548559	2554406	0.22	cps
Iron	56-2	94325810	94928102	94413760	94555891	0.34	cps
Iron	57-2	2256783	2256830	2262452	2258688	0.14	cps
Lead	206-1	7474128	7537167	7462116	7491137	0.54	cps
Lead	207-1	6457104	6503303	6480728	6480378	0.36	cps
Lead	208-1	29956799	30234957	30014000	30068585	0.49	cps
Lithium	6-1	1679726	1710747	1700035	1696836	0.93	cps
Magnesium	24-2	15491657	15611597	15495141	15532798	0.44	cps
Manganese	55-2	2435149	2453330	2448776	2445752	0.39	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:28:57	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7013895	7191596	7107268	7104253	1.25	cps
Molybdenum	95-1	3621440	3663910	3642077	3642476	0.58	cps
Molybdenum	96-1	4704787	4740885	4718290	4721321	0.39	cps
Molybdenum	97-1	2284727	2288036	2269597	2280787	0.43	cps
Molybdenum	98-1	6203456	6240767	6158007	6200743	0.67	cps
Neodymium	150-1	767	707	640	704	9.00	cps
Neodymium	150-2	37	73	37	49	43.30	cps
Nickel	60-2	978486	985996	989914	984799	0.59	cps
Phosphorus	31-2	68583	67854	69086	68508	0.90	cps
Potassium	39-2	7663823	7730379	7608867	7667689	0.79	cps
Rhodium	103-1	12875956	13066847	12851648	12931484	0.91	cps
Rhodium	103-2	6171317	6150122	6147245	6156228	0.21	cps
Scandium	45-1	7667616	7683518	7616750	7655961	0.46	cps
Scandium	45-2	356432	358188	356014	356878	0.32	cps
Selenium	77-2	5361	5201	5321	5294	1.57	cps
Selenium	78-2	17724	17592	17372	17563	1.01	cps
Selenium	82-1	115222	116238	114815	115425	0.64	cps
Silicon	28-1	3596591	3625935	3619000	3613842	0.42	cps
Silver	109-1	9710616	9807692	9770684	9762997	0.50	cps
Silver	107-1	39040347	39493754	39327983	39287361	0.58	cps
Sodium	23-2	29992259	30154663	29883131	30010018	0.46	cps
Strontium	86-1	2288728	2301545	2312104	2300792	0.51	cps
Strontium	88-1	20506555	20611767	20556917	20558413	0.26	cps
Sulfur	34-1	1213295	1205028	1209730	1209351	0.34	cps
Terbium	159-1	20216269	20229350	20190721	20212113	0.10	cps
Terbium	159-2	9016318	9130314	9055719	9067450	0.64	cps
Thallium	203-1	9245887	9324684	9180338	9250303	0.78	cps
Thallium	205-1	21828859	21925794	21732762	21829139	0.44	cps
Tin	118-1	6665261	6784807	6703963	6718010	0.91	cps
Titanium	47-1	935200	936296	939069	936855	0.21	cps
Uranium	238-1	31792928	32472748	31829893	32031856	1.19	cps
Vanadium	51-2	1801924	1812230	1817076	1810410	0.43	cps
Yttrium	89-1	13994614	14223429	14171444	14129829	0.85	cps
Yttrium	89-2	1962636	1966108	1962533	1963759	0.10	cps
Zinc	66-2	765007	764486	759808	763100	0.38	cps
Zirconium	90-1	13131346	13476363	13270401	13292703	1.31	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P7
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:28:57	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2816882	2873437	2851858	2847392	1.00	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:37:40	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	67	69	6.93	cps
Antimony	121-1	9895	12673	16702	13090	26.15	cps
Arsenic	75-2	80	83	78	80	3.52	cps
Barium	135-1	100	108	150	119	22.43	cps
Barium	137-1	192	175	192	186	5.17	cps
Beryllium	9-1	228	211	222	220	3.85	cps
Bismuth	209-1	13564606	13691970	13719329	13658635	0.60	cps
Bismuth	209-2	7243689	7268929	7429512	7314043	1.38	cps
Boron	10-1	2309	2017	2159	2161	6.75	cps
Boron	11-1	11447	11155	10429	11010	4.76	cps
Cadmium	111-1	550	549	527	542	2.44	cps
Cadmium	106-1	5168	4826	4976	4990	3.43	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	367	242	333	314	20.62	cps
Calcium	44-1	11163	11705	11255	11374	2.55	cps
Chromium	52-2	1317	1220	1267	1268	3.81	cps
Cobalt	59-2	177	140	140	152	13.91	cps
Copper	63-2	12005	11491	11611	11703	2.30	cps
Dysprosium	156-1	42	25	0	22	94.38	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	75	42	67	61	28.38	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	133	92	108	111	18.88	cps
Gadolinium	160-2	53	40	73	56	30.20	cps
Holmium	165-1	19298893	19074822	19455161	19276292	0.99	cps
Holmium	165-2	9086007	9085954	9043332	9071764	0.27	cps
Indium	115-1	14512753	14665564	14517935	14565417	0.60	cps
Indium	115-2	2648438	2607655	2627478	2627857	0.78	cps
Iron	56-2	7152	7235	7046	7145	1.33	cps
Iron	57-2	122	183	178	161	20.97	cps
Lead	206-1	3495	3489	3617	3534	2.04	cps
Lead	207-1	3073	3017	3217	3102	3.33	cps
Lead	208-1	14226	14242	14148	14205	0.36	cps
Lithium	6-1	1769155	1775903	1764343	1769801	0.33	cps
Magnesium	24-2	400	200	283	294	34.12	cps
Manganese	55-2	120	123	123	122	1.58	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:37:40	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1042	1175	1542	1253	20.67	cps
Molybdenum	95-1	1000	1483	1992	1492	33.24	cps
Molybdenum	96-1	1175	1625	2134	1645	29.16	cps
Molybdenum	97-1	717	908	1225	950	27.02	cps
Molybdenum	98-1	1684	2117	3117	2306	31.89	cps
Neodymium	150-1	7	7	40	18	108.23	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	227	180	210	12.40	cps
Phosphorus	31-2	267	267	267	267	0.00	cps
Potassium	39-2	45153	43398	45161	44571	2.28	cps
Rhodium	103-1	13473426	13289803	13430972	13398067	0.72	cps
Rhodium	103-2	6428708	6392674	6366311	6395898	0.49	cps
Scandium	45-1	7826174	7804490	7775004	7801889	0.33	cps
Scandium	45-2	363613	364936	365747	364765	0.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	100	106	89	98	8.65	cps
Selenium	82-1	61	-229	-53	-74	-198.58	cps
Silicon	28-1	394844	388107	395429	392793	1.04	cps
Silver	109-1	733	867	692	764	11.97	cps
Silver	107-1	2909	3375	2925	3070	8.63	cps
Sodium	23-2	29062	30215	30098	29792	2.13	cps
Strontium	86-1	5184	5601	5368	5385	3.88	cps
Strontium	88-1	450	508	542	500	9.28	cps
Sulfur	34-1	616096	613945	607865	612636	0.70	cps
Terbium	159-1	19740966	20001027	19557696	19766563	1.13	cps
Terbium	159-2	8992854	8912707	9069963	8991841	0.87	cps
Thallium	203-1	358	325	350	344	5.04	cps
Thallium	205-1	1042	850	933	942	10.21	cps
Tin	118-1	1767	2100	2342	2070	13.95	cps
Titanium	47-1	192	142	92	142	35.30	cps
Uranium	238-1	217	342	300	286	22.25	cps
Vanadium	51-2	37	60	47	48	24.50	cps
Yttrium	89-1	14010572	14149056	14044562	14068063	0.51	cps
Yttrium	89-2	1991155	1976848	1980655	1982886	0.37	cps
Zinc	66-2	213	153	163	177	18.19	cps
Zirconium	90-1	1258	1250	1408	1306	6.83	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P7
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:37:40	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	317	333	314	6.68	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:41:08	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1061771	1073012	1074300	1069694	0.64	cps
Antimony	121-1	7830265	8003149	8045556	7959657	1.43	cps
Arsenic	75-2	248724	249739	249563	249342	0.22	cps
Barium	135-1	9459146	9547830	9590001	9532326	0.70	cps
Barium	137-1	16462515	16515384	16614532	16530811	0.47	cps
Beryllium	9-1	969412	975063	972719	972398	0.29	cps
Bismuth	209-1	13048515	13057791	12991023	13032443	0.28	cps
Bismuth	209-2	6337497	6420026	6352261	6369928	0.69	cps
Boron	10-1	272102	279630	274980	275571	1.38	cps
Boron	11-1	1352921	1365621	1376179	1364907	0.85	cps
Cadmium	111-1	1675116	1680501	1686568	1680728	0.34	cps
Cadmium	106-1	207963	209836	210076	209292	0.55	cps
Cadmium	108-1	136996	135086	135974	136019	0.70	cps
Calcium	43-1	2070612	2062524	2054864	2062667	0.38	cps
Calcium	44-1	34144967	34136782	34275164	34185638	0.23	cps
Chromium	52-2	2057206	2085393	2059482	2067360	0.76	cps
Cobalt	59-2	3399907	3423018	3418320	3413748	0.36	cps
Copper	63-2	5127849	5176567	5163894	5156104	0.49	cps
Dysprosium	156-1	658	683	642	661	3.17	cps
Dysprosium	156-2	177	170	197	181	7.66	cps
Erbium	164-1	9120	9370	8720	9070	3.62	cps
Erbium	164-2	3934	4004	4027	3988	1.22	cps
Gadolinium	160-1	1058	1117	1025	1067	4.35	cps
Gadolinium	160-2	460	507	417	461	9.76	cps
Holmium	165-1	18856724	18882431	18958610	18899255	0.28	cps
Holmium	165-2	8500021	8481239	8515807	8499022	0.20	cps
Indium	115-1	13113322	13284602	13335804	13244576	0.88	cps
Indium	115-2	2255443	2286211	2275660	2272438	0.69	cps
Iron	56-2	91652605	92269247	92003552	91975134	0.34	cps
Iron	57-2	2193235	2215225	2206936	2205132	0.50	cps
Lead	206-1	7641097	7699755	7756140	7698997	0.75	cps
Lead	207-1	6042424	6134394	6147190	6108003	0.94	cps
Lead	208-1	29376450	29789064	29795395	29653636	0.81	cps
Lithium	6-1	1590525	1580831	1571033	1580796	0.62	cps
Magnesium	24-2	14497403	14745120	14562323	14601615	0.88	cps
Manganese	55-2	2518969	2548028	2536403	2534467	0.58	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:41:08	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8642788	8707971	8726377	8692379	0.51	cps
Molybdenum	95-1	7250727	7130428	7150591	7177249	0.90	cps
Molybdenum	96-1	8705840	8615877	8665309	8662342	0.52	cps
Molybdenum	97-1	4340024	4329048	4369487	4346186	0.48	cps
Molybdenum	98-1	11761011	11877716	11925740	11854822	0.71	cps
Neodymium	150-1	1153	1133	1107	1131	2.07	cps
Neodymium	150-2	173	207	180	187	9.45	cps
Nickel	60-2	915733	921135	920473	919114	0.32	cps
Phosphorus	31-2	750	683	758	731	5.63	cps
Potassium	39-2	7734086	7755995	7779195	7756426	0.29	cps
Rhodium	103-1	11944432	12062441	12111119	12039331	0.71	cps
Rhodium	103-2	5492552	5549004	5534179	5525245	0.53	cps
Scandium	45-1	6962689	6914174	6956321	6944395	0.38	cps
Scandium	45-2	314230	315300	314425	314652	0.18	cps
Selenium	77-2	4808	4698	4667	4724	1.56	cps
Selenium	78-2	15586	15939	15603	15709	1.27	cps
Selenium	82-1	106457	108382	107734	107524	0.91	cps
Silicon	28-1	19288152	19208048	19157837	19218012	0.34	cps
Silver	109-1	3897070	3884159	3913703	3898310	0.38	cps
Silver	107-1	15746071	15757392	15838284	15780582	0.32	cps
Sodium	23-2	28986213	29104094	29262896	29117735	0.48	cps
Strontium	86-1	2374956	2372950	2379238	2375715	0.14	cps
Strontium	88-1	21163062	21228581	21126586	21172743	0.24	cps
Sulfur	34-1	593546	581622	580852	585340	1.22	cps
Terbium	159-1	18986343	19246338	19133735	19122139	0.68	cps
Terbium	159-2	8397365	8522103	8435893	8451787	0.76	cps
Thallium	203-1	8809897	8936307	8991663	8912623	1.05	cps
Thallium	205-1	20718017	20945090	21089484	20917531	0.90	cps
Tin	118-1	12293134	12551511	12557420	12467355	1.21	cps
Titanium	47-1	1711462	1703494	1705681	1706879	0.24	cps
Uranium	238-1	30619876	31037865	30967060	30874934	0.72	cps
Vanadium	51-2	1618852	1629795	1626373	1625007	0.34	cps
Yttrium	89-1	13063339	13001071	13127760	13064057	0.48	cps
Yttrium	89-2	1762875	1769799	1777390	1770021	0.41	cps
Zinc	66-2	689663	693722	688957	690781	0.37	cps
Zirconium	90-1	11956352	12107328	12145892	12069857	0.83	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06	Instrumnet Name :	P7
Client Sample ID :	S83-0012MS	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:41:08	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2588561	2612904	2616637	2606034	0.59	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:44:31	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1056953	1062236	1066515	1061901	0.45	cps
Antimony	121-1	7959403	7906077	7896549	7920676	0.43	cps
Arsenic	75-2	247328	247793	247946	247689	0.13	cps
Barium	135-1	9556240	9466851	9489467	9504186	0.49	cps
Barium	137-1	16549271	16455149	16556368	16520263	0.34	cps
Beryllium	9-1	960193	959409	946457	955353	0.81	cps
Bismuth	209-1	12945714	13031498	13069446	13015553	0.49	cps
Bismuth	209-2	6282896	6324133	6337704	6314911	0.45	cps
Boron	10-1	275271	282787	277196	278418	1.40	cps
Boron	11-1	1366546	1370398	1364161	1367035	0.23	cps
Cadmium	111-1	1674445	1682376	1666213	1674344	0.48	cps
Cadmium	106-1	203346	206543	205382	205090	0.79	cps
Cadmium	108-1	137686	135591	134565	135947	1.17	cps
Calcium	43-1	2002397	2020535	2002508	2008480	0.52	cps
Calcium	44-1	33327366	33324880	33032121	33228122	0.51	cps
Chromium	52-2	2038695	2035474	2039763	2037977	0.11	cps
Cobalt	59-2	3380418	3385652	3374017	3380029	0.17	cps
Copper	63-2	5102273	5139891	5126721	5122962	0.37	cps
Dysprosium	156-1	758	775	667	733	7.95	cps
Dysprosium	156-2	160	147	133	147	9.09	cps
Erbium	164-1	8587	8328	8528	8481	1.60	cps
Erbium	164-2	3827	3771	3831	3809	0.89	cps
Gadolinium	160-1	900	942	1225	1022	17.30	cps
Gadolinium	160-2	530	433	460	474	10.52	cps
Holmium	165-1	18872989	19069835	19026968	18989931	0.55	cps
Holmium	165-2	8474806	8541052	8560594	8525484	0.53	cps
Indium	115-1	13309589	13369890	13187940	13289140	0.70	cps
Indium	115-2	2256209	2271818	2257092	2261706	0.39	cps
Iron	56-2	91836416	91263366	90492277	91197353	0.74	cps
Iron	57-2	2187106	2194800	2189136	2190348	0.18	cps
Lead	206-1	7657876	7680124	7676295	7671432	0.16	cps
Lead	207-1	6072822	6106381	6105701	6094968	0.31	cps
Lead	208-1	29484587	29605795	29618033	29569472	0.25	cps
Lithium	6-1	1510754	1507155	1500453	1506120	0.35	cps
Magnesium	24-2	14392786	14480711	14429139	14434212	0.31	cps
Manganese	55-2	2508084	2515527	2503318	2508976	0.25	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:44:31	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8612516	8645243	8662300	8640020	0.29	cps
Molybdenum	95-1	7140657	7226243	7168178	7178359	0.61	cps
Molybdenum	96-1	8649994	8657303	8720180	8675825	0.44	cps
Molybdenum	97-1	4328740	4365683	4334707	4343043	0.46	cps
Molybdenum	98-1	11714313	11881349	11805997	11800553	0.71	cps
Neodymium	150-1	1213	1140	1213	1189	3.56	cps
Neodymium	150-2	230	207	190	209	9.62	cps
Nickel	60-2	913346	908676	910406	910809	0.26	cps
Phosphorus	31-2	725	792	700	739	6.41	cps
Potassium	39-2	7645016	7721666	7754556	7707079	0.73	cps
Rhodium	103-1	12099676	12117791	12031347	12082938	0.38	cps
Rhodium	103-2	5497990	5534313	5504952	5512418	0.35	cps
Scandium	45-1	7047040	6984018	6969115	7000058	0.59	cps
Scandium	45-2	312313	314315	314088	313572	0.35	cps
Selenium	77-2	4344	4838	4324	4502	6.46	cps
Selenium	78-2	15809	15377	15610	15599	1.39	cps
Selenium	82-1	107853	108399	107880	108044	0.28	cps
Silicon	28-1	18925864	18661163	18657907	18748311	0.82	cps
Silver	109-1	3899100	3927695	3896483	3907760	0.44	cps
Silver	107-1	15748610	15851322	15744592	15781508	0.38	cps
Sodium	23-2	29062900	29267791	29107533	29146075	0.37	cps
Strontium	86-1	2357638	2367748	2362668	2362685	0.21	cps
Strontium	88-1	21003930	21223525	21270142	21165866	0.67	cps
Sulfur	34-1	575379	571185	565074	570546	0.91	cps
Terbium	159-1	19281181	19384678	19151146	19272335	0.61	cps
Terbium	159-2	8468889	8516963	8498437	8494763	0.29	cps
Thallium	203-1	8857935	9000055	9009219	8955736	0.95	cps
Thallium	205-1	20968382	21154480	21174542	21099135	0.54	cps
Tin	118-1	12613339	12514282	12502891	12543504	0.48	cps
Titanium	47-1	1694095	1699363	1687807	1693755	0.34	cps
Uranium	238-1	30648267	30841317	30934519	30808035	0.47	cps
Vanadium	51-2	1619957	1614260	1616739	1616985	0.18	cps
Yttrium	89-1	13150159	13171092	13030969	13117406	0.58	cps
Yttrium	89-2	1758524	1758460	1767898	1761627	0.31	cps
Zinc	66-2	681138	687414	684444	684332	0.46	cps
Zirconium	90-1	12050197	12035464	12100041	12061901	0.28	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:44:31	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2588522	2614674	2623469	2608888	0.70	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:47:55	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1075649	1081844	1070828	1076107	0.51	cps
Antimony	121-1	7996522	7957230	8013163	7988972	0.36	cps
Arsenic	75-2	250191	251602	251040	250944	0.28	cps
Barium	135-1	9654680	9692077	9583794	9643517	0.57	cps
Barium	137-1	16756185	16786351	16706314	16749617	0.24	cps
Beryllium	9-1	956343	968519	955009	959957	0.78	cps
Bismuth	209-1	12837724	12932648	12734689	12835020	0.77	cps
Bismuth	209-2	6179319	6266022	6223033	6222792	0.70	cps
Boron	10-1	281928	282649	289348	284642	1.44	cps
Boron	11-1	1383856	1397917	1396703	1392825	0.56	cps
Cadmium	111-1	1683519	1687872	1702845	1691412	0.60	cps
Cadmium	106-1	205596	209554	206474	207208	1.00	cps
Cadmium	108-1	135953	136235	136078	136089	0.10	cps
Calcium	43-1	2068630	2085025	2073266	2075640	0.41	cps
Calcium	44-1	33983041	34355482	34249383	34195969	0.56	cps
Chromium	52-2	2085830	2099552	2088413	2091265	0.35	cps
Cobalt	59-2	3422977	3443656	3443203	3436612	0.34	cps
Copper	63-2	5171332	5210384	5189695	5190470	0.38	cps
Dysprosium	156-1	592	683	550	608	11.21	cps
Dysprosium	156-2	160	163	200	174	12.72	cps
Erbium	164-1	8837	9145	9028	9003	1.73	cps
Erbium	164-2	4044	3947	3984	3992	1.22	cps
Gadolinium	160-1	1033	933	992	986	5.09	cps
Gadolinium	160-2	507	483	473	488	3.51	cps
Holmium	165-1	18558492	18671270	18711156	18646973	0.42	cps
Holmium	165-2	8452663	8463987	8385058	8433903	0.51	cps
Indium	115-1	12948133	13011148	12994804	12984695	0.25	cps
Indium	115-2	2220732	2240328	2251254	2237438	0.69	cps
Iron	56-2	92728266	93063444	92204908	92665539	0.47	cps
Iron	57-2	2210087	2223928	2226070	2220028	0.39	cps
Lead	206-1	7752775	7769203	7842813	7788263	0.62	cps
Lead	207-1	6155006	6222193	6209157	6195452	0.58	cps
Lead	208-1	29810434	30044198	30183534	30012722	0.63	cps
Lithium	6-1	1454763	1467045	1447290	1456366	0.68	cps
Magnesium	24-2	14574685	14769439	14645447	14663190	0.67	cps
Manganese	55-2	2543045	2568748	2554925	2555573	0.50	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:47:55	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8752875	8811081	8739602	8767853	0.43	cps
Molybdenum	95-1	7214395	7316961	7229056	7253470	0.76	cps
Molybdenum	96-1	8813280	8906957	8765729	8828655	0.81	cps
Molybdenum	97-1	4400272	4427786	4382852	4403636	0.51	cps
Molybdenum	98-1	11891138	12004507	12002062	11965902	0.54	cps
Neodymium	150-1	1027	1173	1113	1105	6.68	cps
Neodymium	150-2	233	197	230	220	9.22	cps
Nickel	60-2	926638	930549	925896	927694	0.27	cps
Phosphorus	31-2	592	692	883	722	20.52	cps
Potassium	39-2	7891822	7895371	7724074	7837089	1.25	cps
Rhodium	103-1	11818665	11929396	11955552	11901204	0.61	cps
Rhodium	103-2	5422488	5490507	5472675	5461890	0.65	cps
Scandium	45-1	6780047	6877875	6820156	6826026	0.72	cps
Scandium	45-2	310711	313143	310245	311366	0.50	cps
Selenium	77-2	4597	4884	4644	4709	3.27	cps
Selenium	78-2	15749	15781	15903	15811	0.51	cps
Selenium	82-1	107008	109256	108868	108377	1.11	cps
Silicon	28-1	18826554	18978345	18945873	18916924	0.42	cps
Silver	109-1	3930243	3936217	3966393	3944284	0.49	cps
Silver	107-1	15875778	15931388	16041159	15949442	0.53	cps
Sodium	23-2	29539254	29413941	29187840	29380345	0.61	cps
Strontium	86-1	2388811	2416686	2386219	2397239	0.70	cps
Strontium	88-1	21451296	21674597	21420786	21515560	0.64	cps
Sulfur	34-1	560686	550174	548766	553209	1.18	cps
Terbium	159-1	18772315	18995806	19276406	19014842	1.33	cps
Terbium	159-2	8346599	8404270	8391261	8380710	0.36	cps
Thallium	203-1	8961803	9056089	9082729	9033540	0.70	cps
Thallium	205-1	21118557	21335003	21176716	21210092	0.53	cps
Tin	118-1	12426748	12566054	12738549	12577117	1.24	cps
Titanium	47-1	1707622	1730753	1720774	1719716	0.67	cps
Uranium	238-1	31349235	31211183	31380684	31313701	0.29	cps
Vanadium	51-2	1640609	1654524	1643975	1646369	0.44	cps
Yttrium	89-1	13012295	13031036	13081750	13041694	0.28	cps
Yttrium	89-2	1737202	1755708	1752989	1748633	0.57	cps
Zinc	66-2	692065	695504	694651	694073	0.26	cps
Zirconium	90-1	12241446	12257802	12433241	12310830	0.86	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05A	Instrumnet Name :	P7
Client Sample ID :	S83-0012A	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:47:55	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2642526	2657296	2634756	2644859	0.43	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:51:18	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	425	408	397	8.73	cps
Antimony	121-1	8203	8620	8837	8553	3.77	cps
Arsenic	75-2	659	682	667	669	1.69	cps
Barium	135-1	13282	13424	12598	13101	3.37	cps
Barium	137-1	23087	23412	22577	23025	1.83	cps
Beryllium	9-1	439	361	406	402	9.71	cps
Bismuth	209-1	13843933	13844669	13837160	13841920	0.03	cps
Bismuth	209-2	6627732	6666929	6624176	6639612	0.36	cps
Boron	10-1	9270	8528	8761	8853	4.29	cps
Boron	11-1	45620	44291	41190	43700	5.20	cps
Cadmium	111-1	763	576	652	664	14.21	cps
Cadmium	106-1	4718	4301	4518	4512	4.62	cps
Cadmium	108-1	63	38	46	49	26.19	cps
Calcium	43-1	344380	344738	343302	344140	0.22	cps
Calcium	44-1	5732285	5740053	5678296	5716878	0.59	cps
Chromium	52-2	2257	2257	2214	2242	1.12	cps
Cobalt	59-2	517	480	483	493	4.11	cps
Copper	63-2	48624	48176	48510	48437	0.48	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	100	100	117	106	9.11	cps
Erbium	164-2	23	23	70	39	69.29	cps
Gadolinium	160-1	125	200	125	150	28.87	cps
Gadolinium	160-2	77	60	63	67	13.23	cps
Holmium	165-1	19026390	18982582	18992840	19000604	0.12	cps
Holmium	165-2	8583259	8603469	8579228	8588652	0.15	cps
Indium	115-1	13817904	13816581	13925965	13853483	0.45	cps
Indium	115-2	2382361	2393742	2379442	2385182	0.32	cps
Iron	56-2	20788	19931	20943	20554	2.65	cps
Iron	57-2	578	606	533	572	6.37	cps
Lead	206-1	3890	3762	3495	3715	5.42	cps
Lead	207-1	3378	3050	3006	3145	6.46	cps
Lead	208-1	15526	14782	13920	14743	5.45	cps
Lithium	6-1	1455976	1458591	1456926	1457164	0.09	cps
Magnesium	24-2	96501	97592	96317	96803	0.71	cps
Manganese	55-2	59958	60173	60229	60120	0.24	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:51:18	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3251	3809	4292	3784	13.78	cps
Molybdenum	95-1	4109	4693	5818	4873	17.83	cps
Molybdenum	96-1	4793	5535	6368	5565	14.16	cps
Molybdenum	97-1	2809	3000	3601	3137	13.17	cps
Molybdenum	98-1	6727	8244	9203	8058	15.50	cps
Neodymium	150-1	33	33	67	44	43.31	cps
Neodymium	150-2	10	30	17	19	53.91	cps
Nickel	60-2	950	797	857	868	8.90	cps
Phosphorus	31-2	250	450	367	356	28.26	cps
Potassium	39-2	1200012	1188844	1191421	1193426	0.49	cps
Rhodium	103-1	12508062	12592387	12468457	12522969	0.51	cps
Rhodium	103-2	5698355	5691138	5691598	5693697	0.07	cps
Scandium	45-1	6926085	6929243	6941236	6932188	0.12	cps
Scandium	45-2	312936	311327	312026	312097	0.26	cps
Selenium	77-2	13	17	17	16	12.40	cps
Selenium	78-2	122	96	113	110	11.89	cps
Selenium	82-1	-207	103	164	20	1001.11	cps
Silicon	28-1	12680086	12753779	12645197	12693021	0.44	cps
Silver	109-1	5001	4776	5051	4943	2.96	cps
Silver	107-1	20571	19863	20488	20307	1.91	cps
Sodium	23-2	2454042	2452937	2453539	2453506	0.02	cps
Strontium	86-1	206819	205550	208002	206790	0.59	cps
Strontium	88-1	1769940	1762997	1770460	1767799	0.24	cps
Sulfur	34-1	774637	780850	773840	776443	0.49	cps
Terbium	159-1	19254041	19552508	19364562	19390371	0.78	cps
Terbium	159-2	8550592	8550051	8568128	8556257	0.12	cps
Thallium	203-1	4092	3801	4026	3973	3.85	cps
Thallium	205-1	10188	9896	9462	9848	3.71	cps
Tin	118-1	56054	55426	54799	55427	1.13	cps
Titanium	47-1	625	792	642	686	13.38	cps
Uranium	238-1	2025	1834	1875	1911	5.28	cps
Vanadium	51-2	2470	2477	2354	2434	2.85	cps
Yttrium	89-1	13290214	13169404	13215229	13224949	0.46	cps
Yttrium	89-2	1772874	1779781	1764281	1772312	0.44	cps
Zinc	66-2	3787	3797	3804	3796	0.22	cps
Zirconium	90-1	2625	2575	3025	2742	9.00	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08	Instrumnet Name :	P7
Client Sample ID :	S83-0009	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:51:18	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	550	658	578	12.27	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:54:48	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	392	342	367	6.82	cps
Antimony	121-1	8119	8611	8219	8317	3.13	cps
Arsenic	75-2	544	491	541	525	5.71	cps
Barium	135-1	12198	12156	12398	12250	1.06	cps
Barium	137-1	21751	21768	21877	21799	0.31	cps
Beryllium	9-1	283	261	300	281	6.93	cps
Bismuth	209-1	13456481	13617633	13683811	13585975	0.86	cps
Bismuth	209-2	6553013	6572464	6579856	6568444	0.21	cps
Boron	10-1	6118	5851	6035	6001	2.27	cps
Boron	11-1	29496	28978	28628	29034	1.50	cps
Cadmium	111-1	546	523	578	549	4.96	cps
Cadmium	106-1	4334	4192	4276	4267	1.67	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	329401	340120	336766	335429	1.63	cps
Calcium	44-1	5503333	5627724	5654308	5595122	1.44	cps
Chromium	52-2	5601	5454	5728	5594	2.45	cps
Cobalt	59-2	470	483	477	477	1.40	cps
Copper	63-2	46484	47403	47701	47196	1.34	cps
Dysprosium	156-1	67	33	58	53	32.88	cps
Dysprosium	156-2	10	23	17	17	39.99	cps
Erbium	164-1	125	67	92	94	30.99	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	133	100	133	122	15.74	cps
Gadolinium	160-2	70	80	53	68	19.88	cps
Holmium	165-1	18327473	19000501	18777315	18701763	1.83	cps
Holmium	165-2	8545836	8451238	8548878	8515317	0.65	cps
Indium	115-1	13545860	13703624	13815963	13688482	0.99	cps
Indium	115-2	2351390	2380425	2374565	2368793	0.65	cps
Iron	56-2	36568	37042	37454	37021	1.20	cps
Iron	57-2	922	1078	906	969	9.81	cps
Lead	206-1	2973	2845	2945	2921	2.30	cps
Lead	207-1	2556	2673	2650	2626	2.36	cps
Lead	208-1	11708	11936	12058	11901	1.49	cps
Lithium	6-1	1405137	1440791	1432375	1426101	1.31	cps
Magnesium	24-2	93575	94850	95319	94581	0.95	cps
Manganese	55-2	57796	59302	59359	58819	1.51	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:54:48	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2025	2375	2509	2303	10.84	cps
Molybdenum	95-1	2359	2550	2784	2564	8.30	cps
Molybdenum	96-1	2442	2950	3417	2937	16.61	cps
Molybdenum	97-1	1408	1608	2059	1692	19.68	cps
Molybdenum	98-1	3509	4251	4801	4187	15.49	cps
Neodymium	150-1	40	100	67	69	43.64	cps
Neodymium	150-2	17	13	17	16	12.40	cps
Nickel	60-2	1157	1207	1233	1199	3.25	cps
Phosphorus	31-2	267	300	258	275	8.02	cps
Potassium	39-2	1204325	1211176	1207112	1207538	0.29	cps
Rhodium	103-1	12142840	12394521	12281754	12273038	1.03	cps
Rhodium	103-2	5572752	5665529	5676991	5638424	1.01	cps
Scandium	45-1	6727013	6878766	6922030	6842603	1.50	cps
Scandium	45-2	310272	311393	310778	310815	0.18	cps
Selenium	77-2	23	23	20	22	8.65	cps
Selenium	78-2	93	80	98	90	10.54	cps
Selenium	82-1	-117	193	78	51	305.58	cps
Silicon	28-1	12934414	13181152	13067506	13061024	0.95	cps
Silver	109-1	3592	3676	3651	3640	1.18	cps
Silver	107-1	14436	14653	14361	14483	1.05	cps
Sodium	23-2	2482330	2494890	2491002	2489407	0.26	cps
Strontium	86-1	202763	206345	204917	204675	0.88	cps
Strontium	88-1	1717123	1753498	1724979	1731867	1.11	cps
Sulfur	34-1	758605	763053	764349	762003	0.40	cps
Terbium	159-1	18928946	19144433	19293048	19122142	0.96	cps
Terbium	159-2	8478045	8513810	8438716	8476857	0.44	cps
Thallium	203-1	992	1175	1117	1095	8.56	cps
Thallium	205-1	2384	2525	2542	2484	3.50	cps
Tin	118-1	34268	36114	35354	35245	2.63	cps
Titanium	47-1	533	725	758	672	18.06	cps
Uranium	238-1	1567	1550	1525	1547	1.36	cps
Vanadium	51-2	2410	2454	2540	2468	2.68	cps
Yttrium	89-1	12763924	13229751	13045432	13013036	1.80	cps
Yttrium	89-2	1736975	1753738	1759465	1750059	0.67	cps
Zinc	66-2	6351	6325	6325	6334	0.24	cps
Zirconium	90-1	2092	2125	1967	2061	4.05	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:54:48	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	567	558	514	16.41	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:58:18	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6668	7410	7169	7083	5.34	cps
Antimony	121-1	8370	8570	9145	8695	4.63	cps
Arsenic	75-2	45632	45001	44984	45206	0.82	cps
Barium	135-1	54743	55564	54826	55044	0.82	cps
Barium	137-1	98691	98187	98867	98582	0.36	cps
Beryllium	9-1	189	322	244	252	26.59	cps
Bismuth	209-1	13558386	13596224	13533861	13562824	0.23	cps
Bismuth	209-2	6547902	6532726	6530933	6537187	0.14	cps
Boron	10-1	7886	7894	7602	7794	2.13	cps
Boron	11-1	39578	37848	37030	38152	3.41	cps
Cadmium	111-1	514	504	502	507	1.31	cps
Cadmium	106-1	4351	4626	4476	4484	3.07	cps
Cadmium	108-1	17	38	33	29	37.79	cps
Calcium	43-1	2520676	2492702	2480001	2497793	0.83	cps
Calcium	44-1	41924151	41346127	41152818	41474365	0.97	cps
Chromium	52-2	2544	2604	2500	2549	2.04	cps
Cobalt	59-2	8122	7919	8306	8116	2.38	cps
Copper	63-2	46902	48179	48293	47791	1.62	cps
Dysprosium	156-1	517	500	458	492	6.11	cps
Dysprosium	156-2	167	130	133	143	14.15	cps
Erbium	164-1	442	542	458	481	11.15	cps
Erbium	164-2	173	197	173	181	7.44	cps
Gadolinium	160-1	392	400	483	425	11.93	cps
Gadolinium	160-2	240	263	240	248	5.44	cps
Holmium	165-1	19079310	18946550	18883383	18969748	0.53	cps
Holmium	165-2	8644256	8724822	8687201	8685426	0.46	cps
Indium	115-1	13661326	14049747	14016914	13909329	1.55	cps
Indium	115-2	2398317	2391073	2400482	2396624	0.21	cps
Iron	56-2	51648687	51040225	51583597	51424170	0.65	cps
Iron	57-2	1223392	1213718	1213728	1216946	0.46	cps
Lead	206-1	159921	162605	164382	162302	1.38	cps
Lead	207-1	137649	137262	138564	137825	0.49	cps
Lead	208-1	636755	641891	647185	641944	0.81	cps
Lithium	6-1	1444385	1476011	1446484	1455627	1.21	cps
Magnesium	24-2	1789890	1775609	1785602	1783700	0.41	cps
Manganese	55-2	9732765	9606086	9543553	9627468	1.00	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:58:18	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6335	6752	6619	6569	3.24	cps
Molybdenum	95-1	9403	9637	9945	9662	2.81	cps
Molybdenum	96-1	11147	10337	10930	10805	3.88	cps
Molybdenum	97-1	5343	5785	6452	5860	9.53	cps
Molybdenum	98-1	15059	15534	16227	15606	3.76	cps
Neodymium	150-1	553	680	607	613	10.37	cps
Neodymium	150-2	230	153	227	203	21.31	cps
Nickel	60-2	1893	2070	2077	2014	5.16	cps
Phosphorus	31-2	2192	2250	2175	2206	1.79	cps
Potassium	39-2	2438317	2404043	2414589	2418983	0.73	cps
Rhodium	103-1	12472509	12492880	12461566	12475651	0.13	cps
Rhodium	103-2	5698400	5685915	5678332	5687549	0.18	cps
Scandium	45-1	7047107	7021018	7030058	7032728	0.19	cps
Scandium	45-2	318723	313621	314448	315597	0.87	cps
Selenium	77-2	17	23	3	14	70.51	cps
Selenium	78-2	70	94	93	86	15.61	cps
Selenium	82-1	-167	-36	266	21	1059.44	cps
Silicon	28-1	24980137	24532413	24644407	24718986	0.94	cps
Silver	109-1	3267	3276	3000	3181	4.92	cps
Silver	107-1	13244	13436	12410	13030	4.18	cps
Sodium	23-2	3329109	3319909	3310576	3319865	0.28	cps
Strontium	86-1	1209818	1214989	1213350	1212719	0.22	cps
Strontium	88-1	10775012	11002254	10780097	10852454	1.20	cps
Sulfur	34-1	1825896	1818538	1817798	1820744	0.25	cps
Terbium	159-1	19773383	19448199	19374503	19532028	1.09	cps
Terbium	159-2	8728050	8751540	8636613	8705401	0.70	cps
Thallium	203-1	542	517	575	544	5.38	cps
Thallium	205-1	1400	1517	1242	1386	9.96	cps
Tin	118-1	24455	25733	26242	25477	3.61	cps
Titanium	47-1	5134	5059	4843	5012	3.02	cps
Uranium	238-1	3726	3709	3926	3787	3.18	cps
Vanadium	51-2	1713	1690	1783	1729	2.81	cps
Yttrium	89-1	13303358	13414536	13367429	13361774	0.42	cps
Yttrium	89-2	1793574	1787961	1791465	1791000	0.16	cps
Zinc	66-2	3967	4127	3984	4026	2.19	cps
Zirconium	90-1	2500	2701	2750	2650	4.99	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 15:58:18	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767	850	692	770	10.29	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03RE	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:01:47	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	983	7111	1567	3221	105.00	cps
Antimony	121-1	1625	1667	1425	1572	8.22	cps
Arsenic	75-2	26	54	109	63	67.39	cps
Barium	135-1	150	142	217	169	24.26	cps
Barium	137-1	500	242	300	347	39.04	cps
Beryllium	9-1	139	139	161	146	8.77	cps
Bismuth	209-1	34231442	59027531	77917786	57058919	38.40	cps
Bismuth	209-2	19494652	21246262	15004440	18581785	17.33	cps
Boron	10-1	2159	2509	2584	2417	9.39	cps
Boron	11-1	11221	13356	14641	13073	13.21	cps
Cadmium	111-1	1061	1734	2385	1727	38.34	cps
Cadmium	106-1	10773	17261	24013	17349	38.16	cps
Cadmium	108-1	42	33	79	51	47.51	cps
Calcium	43-1	350	708	733	597	35.91	cps
Calcium	44-1	12315	17921	20383	16873	24.51	cps
Chromium	52-2	640	850	783	758	14.16	cps
Cobalt	59-2	177	200	123	167	23.58	cps
Copper	63-2	9630	10294	10497	10140	4.47	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	100	150	300	183	56.77	cps
Erbium	164-2	73	83	77	78	6.55	cps
Gadolinium	160-1	225	542	633	467	45.91	cps
Gadolinium	160-2	150	197	77	141	42.87	cps
Holmium	165-1	52766713	85747242	112742311	83752088	35.86	cps
Holmium	165-2	25116488	27148204	19060706	23775132	17.70	cps
Indium	115-1	38303284	62845424	83314439	61487716	36.65	cps
Indium	115-2	7172905	7861435	5551819	6862053	17.28	cps
Iron	56-2	17561	61643	22172	33792	71.70	cps
Iron	57-2	483	1261	589	778	54.25	cps
Lead	206-1	3356	4340	4818	4171	17.87	cps
Lead	207-1	2834	3790	4684	3769	24.55	cps
Lead	208-1	12936	16966	19578	16494	20.29	cps
Lithium	6-1	4532474	7500244	9929256	7320658	36.92	cps
Magnesium	24-2	533	1317	600	817	53.18	cps
Manganese	55-2	453	597	660	570	18.58	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03RE	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:01:47	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1100	1392	2209	1567	36.67	cps
Molybdenum	95-1	1375	1117	1559	1350	16.44	cps
Molybdenum	96-1	1625	1442	1817	1628	11.52	cps
Molybdenum	97-1	858	758	908	842	9.08	cps
Molybdenum	98-1	2075	1834	2284	2064	10.91	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	313	347	313	324	5.93	cps
Phosphorus	31-2	233	400	367	333	26.46	cps
Potassium	39-2	33556	35202	35042	34600	2.62	cps
Rhodium	103-1	34510171	57836285	75766312	56037589	36.92	cps
Rhodium	103-2	17154909	18776202	13041176	16324096	18.11	cps
Scandium	45-1	19217620	32736588	42767832	31574013	37.43	cps
Scandium	45-2	928246	1015260	723070	888859	16.88	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	91	126	94	104	18.64	cps
Selenium	82-1	-23	-115	136	-1	-13470.01	cps
Silicon	28-1	611868	340876	355700	436148	34.93	cps
Silver	109-1	1175	958	975	1036	11.64	cps
Silver	107-1	4792	4159	4317	4423	7.45	cps
Sodium	23-2	28928	30384	28002	29105	4.13	cps
Strontium	86-1	5385	5585	6018	5662	5.72	cps
Strontium	88-1	550	1725	2109	1461	55.57	cps
Sulfur	34-1	411332	435031	464858	437073	6.14	cps
Terbium	159-1	53252743	87666645	115878765	85599384	36.64	cps
Terbium	159-2	24776163	26823765	18835166	23478365	17.67	cps
Thallium	203-1	308	583	1434	775	75.68	cps
Thallium	205-1	625	1192	3117	1645	79.43	cps
Tin	118-1	3251	2292	2409	2650	19.73	cps
Titanium	47-1	400	242	333	325	24.46	cps
Uranium	238-1	492	817	892	733	28.99	cps
Vanadium	51-2	93	193	117	134	38.91	cps
Yttrium	89-1	36598775	60482741	80889597	59323704	37.37	cps
Yttrium	89-2	5388333	5870796	4011036	5090055	18.96	cps
Zinc	66-2	253	263	223	247	8.44	cps
Zirconium	90-1	1609	2134	3150	2298	34.12	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03RE	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:01:47	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	525	775	525	47.62	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:05:15	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	308	350	297	19.89	cps
Antimony	121-1	6835	7035	7294	7055	3.26	cps
Arsenic	75-2	470	496	454	473	4.53	cps
Barium	135-1	13249	12665	12014	12642	4.88	cps
Barium	137-1	23120	22135	22160	22472	2.50	cps
Beryllium	9-1	200	178	194	191	6.06	cps
Bismuth	209-1	14200491	14167758	14033266	14133839	0.63	cps
Bismuth	209-2	6637605	6642950	6636416	6638990	0.05	cps
Boron	10-1	3225	3009	3259	3164	4.29	cps
Boron	11-1	16134	15851	16485	16156	1.97	cps
Cadmium	111-1	536	562	554	551	2.41	cps
Cadmium	106-1	4276	4576	4167	4340	4.88	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	344094	347079	344015	345063	0.51	cps
Calcium	44-1	5726241	5721032	5679438	5708904	0.45	cps
Chromium	52-2	2177	2407	2237	2274	5.25	cps
Cobalt	59-2	357	340	353	350	2.52	cps
Copper	63-2	49206	48661	48186	48684	1.05	cps
Dysprosium	156-1	42	67	17	42	60.00	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	83	17	42	47	71.32	cps
Erbium	164-2	40	40	30	37	15.75	cps
Gadolinium	160-1	92	100	108	100	8.33	cps
Gadolinium	160-2	67	57	67	63	9.12	cps
Holmium	165-1	19018184	18989633	19100698	19036172	0.30	cps
Holmium	165-2	8492529	8513948	8453717	8486731	0.36	cps
Indium	115-1	13891214	14126412	13827275	13948300	1.13	cps
Indium	115-2	2366324	2354285	2342245	2354285	0.51	cps
Iron	56-2	17127	17973	17555	17552	2.41	cps
Iron	57-2	600	539	506	548	8.74	cps
Lead	206-1	3084	2684	2867	2878	6.96	cps
Lead	207-1	2678	2311	2534	2508	7.37	cps
Lead	208-1	12180	10785	11352	11439	6.13	cps
Lithium	6-1	1490387	1486401	1463704	1480164	0.97	cps
Magnesium	24-2	93985	95102	93281	94123	0.98	cps
Manganese	55-2	59155	59078	58456	58896	0.65	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:05:15	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1367	1458	1734	1520	12.56	cps
Molybdenum	95-1	1759	1625	1984	1789	10.13	cps
Molybdenum	96-1	1800	1909	2159	1956	9.40	cps
Molybdenum	97-1	1108	1275	1117	1167	8.05	cps
Molybdenum	98-1	2875	2659	3167	2900	8.80	cps
Neodymium	150-1	93	40	67	67	40.00	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	810	853	737	800	7.37	cps
Phosphorus	31-2	267	442	367	358	24.50	cps
Potassium	39-2	1184495	1183762	1176616	1181624	0.37	cps
Rhodium	103-1	12516175	12420802	12561365	12499447	0.57	cps
Rhodium	103-2	5610460	5625300	5614671	5616810	0.14	cps
Scandium	45-1	6905267	6921201	6862567	6896345	0.44	cps
Scandium	45-2	306086	308952	305397	306812	0.61	cps
Selenium	77-2	13	23	7	14	58.06	cps
Selenium	78-2	80	78	81	80	2.32	cps
Selenium	82-1	17	-27	106	32	210.80	cps
Silicon	28-1	12842579	12859787	12698551	12800306	0.69	cps
Silver	109-1	4176	4259	3851	4095	5.27	cps
Silver	107-1	16503	17562	15678	16581	5.70	cps
Sodium	23-2	2428739	2435032	2408057	2423943	0.58	cps
Strontium	86-1	208558	207265	208466	208096	0.35	cps
Strontium	88-1	1776598	1767163	1771750	1771837	0.27	cps
Sulfur	34-1	804077	794351	792463	796964	0.78	cps
Terbium	159-1	19256090	19450448	19199816	19302118	0.68	cps
Terbium	159-2	8518908	8451619	8392371	8454299	0.75	cps
Thallium	203-1	467	383	417	422	9.93	cps
Thallium	205-1	1033	1208	1017	1086	9.78	cps
Tin	118-1	26576	26418	26292	26429	0.54	cps
Titanium	47-1	733	583	650	656	11.46	cps
Uranium	238-1	942	1233	1150	1108	13.56	cps
Vanadium	51-2	2134	2404	2337	2291	6.14	cps
Yttrium	89-1	13244990	13267224	13175263	13229159	0.36	cps
Yttrium	89-2	1743314	1746959	1730964	1740412	0.48	cps
Zinc	66-2	2790	2750	2630	2724	3.06	cps
Zirconium	90-1	1225	1300	1517	1347	11.24	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05	Instrumnet Name :	P7
Client Sample ID :	S83-0010	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:05:15	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	242	342	281	19.10	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:08:45	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	500	525	592	23.27	cps
Antimony	121-1	8186	8545	8728	8486	3.25	cps
Arsenic	75-2	41886	42038	41524	41816	0.63	cps
Barium	135-1	55185	55219	55779	55394	0.60	cps
Barium	137-1	97215	97802	97709	97576	0.32	cps
Beryllium	9-1	211	178	256	215	18.16	cps
Bismuth	209-1	13269686	13344417	13254547	13289550	0.36	cps
Bismuth	209-2	6374383	6447214	6433421	6418339	0.60	cps
Boron	10-1	5643	5443	5926	5671	4.28	cps
Boron	11-1	28344	28837	29237	28806	1.55	cps
Cadmium	111-1	498	453	440	464	6.59	cps
Cadmium	106-1	4568	4326	4234	4376	3.94	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	2758874	2746822	2757317	2754338	0.24	cps
Calcium	44-1	45768235	45555291	45627035	45650187	0.24	cps
Chromium	52-2	10247	10484	10247	10326	1.32	cps
Cobalt	59-2	5838	6018	6048	5968	1.90	cps
Copper	63-2	44264	45100	44167	44510	1.15	cps
Dysprosium	156-1	67	33	33	44	43.31	cps
Dysprosium	156-2	47	23	20	30	48.44	cps
Erbium	164-1	83	92	150	108	33.53	cps
Erbium	164-2	43	43	33	40	14.43	cps
Gadolinium	160-1	100	167	150	139	24.98	cps
Gadolinium	160-2	37	43	63	48	29.04	cps
Holmium	165-1	18882771	18983591	19049138	18971833	0.44	cps
Holmium	165-2	8591310	8566185	8531626	8563040	0.35	cps
Indium	115-1	13536619	13685011	13591711	13604447	0.55	cps
Indium	115-2	2327719	2337064	2334247	2333010	0.21	cps
Iron	56-2	49530521	49709198	49559778	49599832	0.19	cps
Iron	57-2	1178388	1189527	1184210	1184042	0.47	cps
Lead	206-1	117334	117732	117828	117632	0.22	cps
Lead	207-1	98278	98993	98782	98684	0.37	cps
Lead	208-1	457848	462080	461026	460318	0.48	cps
Lithium	6-1	1437117	1435447	1429085	1433883	0.30	cps
Magnesium	24-2	1943998	1958448	1945288	1949245	0.41	cps
Manganese	55-2	10392361	10536159	10525465	10484662	0.76	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:08:45	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6027	6502	6719	6416	5.52	cps
Molybdenum	95-1	10287	9695	10279	10087	3.36	cps
Molybdenum	96-1	11196	10729	10955	10960	2.13	cps
Molybdenum	97-1	5601	5576	5901	5693	3.18	cps
Molybdenum	98-1	15292	15818	15626	15579	1.71	cps
Neodymium	150-1	47	53	73	58	24.02	cps
Neodymium	150-2	30	20	20	23	24.74	cps
Nickel	60-2	3350	3884	3484	3573	7.77	cps
Phosphorus	31-2	1634	1525	1575	1578	3.44	cps
Potassium	39-2	2619528	2630395	2598269	2616064	0.62	cps
Rhodium	103-1	12215001	12255274	12284489	12251588	0.28	cps
Rhodium	103-2	5517351	5614270	5597091	5576237	0.93	cps
Scandium	45-1	6912343	6942061	6998378	6950927	0.63	cps
Scandium	45-2	306764	308294	305701	306919	0.42	cps
Selenium	77-2	23	23	20	22	8.65	cps
Selenium	78-2	83	69	83	78	10.91	cps
Selenium	82-1	-90	-221	-13	-108	-97.70	cps
Silicon	28-1	26657006	26529808	26434813	26540542	0.42	cps
Silver	109-1	3201	3484	3567	3417	5.63	cps
Silver	107-1	13244	13936	14036	13738	3.14	cps
Sodium	23-2	3654840	3649508	3667660	3657336	0.26	cps
Strontium	86-1	1307668	1305891	1309604	1307721	0.14	cps
Strontium	88-1	11823859	11705935	11837256	11789016	0.61	cps
Sulfur	34-1	1982756	1968045	1978764	1976522	0.38	cps
Terbium	159-1	19290232	19056510	19236819	19194521	0.64	cps
Terbium	159-2	8378828	8416439	8469009	8421425	0.54	cps
Thallium	203-1	192	250	200	214	14.75	cps
Thallium	205-1	492	517	700	569	19.98	cps
Tin	118-1	22577	22377	22736	22563	0.80	cps
Titanium	47-1	1300	1367	1350	1339	2.59	cps
Uranium	238-1	1725	1642	1584	1650	4.32	cps
Vanadium	51-2	1237	1263	1263	1255	1.23	cps
Yttrium	89-1	13119660	12919025	13081197	13039961	0.82	cps
Yttrium	89-2	1737401	1758962	1747930	1748098	0.62	cps
Zinc	66-2	2920	3034	2940	2965	2.04	cps
Zirconium	90-1	1984	2284	2325	2197	8.48	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06	Instrumnet Name :	P7
Client Sample ID :	S83-0011	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:08:45	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792	908	758	820	9.61	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:12:14	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	108	100	14.43	cps
Antimony	121-1	833	875	858	856	2.45	cps
Arsenic	75-2	106	107	85	99	12.41	cps
Barium	135-1	525	425	475	475	10.53	cps
Barium	137-1	667	908	708	761	16.97	cps
Beryllium	9-1	156	150	206	170	17.96	cps
Bismuth	209-1	15166692	15190285	15014778	15123918	0.63	cps
Bismuth	209-2	7711426	7611834	7755459	7692906	0.96	cps
Boron	10-1	2900	2834	2542	2759	6.91	cps
Boron	11-1	14291	14057	13715	14021	2.06	cps
Cadmium	111-1	515	528	557	533	3.99	cps
Cadmium	106-1	5318	5493	5360	5390	1.70	cps
Cadmium	108-1	25	42	8	25	66.68	cps
Calcium	43-1	1842	1684	1642	1722	6.13	cps
Calcium	44-1	34992	34658	34700	34784	0.52	cps
Chromium	52-2	1467	1417	1413	1432	2.09	cps
Cobalt	59-2	110	157	193	153	27.24	cps
Copper	63-2	14888	14497	14561	14649	1.43	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	108	42	72	46.63	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	92	158	92	114	33.80	cps
Gadolinium	160-2	77	43	70	63	27.85	cps
Holmium	165-1	21096425	21105141	20985993	21062520	0.32	cps
Holmium	165-2	9415305	9438709	9549105	9467707	0.75	cps
Indium	115-1	15809821	15854580	15641450	15768617	0.71	cps
Indium	115-2	2722946	2714004	2718404	2718451	0.16	cps
Iron	56-2	13217	12906	13140	13088	1.24	cps
Iron	57-2	294	328	350	324	8.63	cps
Lead	206-1	3134	3095	3039	3089	1.54	cps
Lead	207-1	2678	2673	2761	2704	1.84	cps
Lead	208-1	12564	12814	12481	12619	1.38	cps
Lithium	6-1	1795425	1794581	1767909	1785972	0.88	cps
Magnesium	24-2	1700	1950	1984	1878	8.25	cps
Manganese	55-2	1470	1377	1190	1346	10.60	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:12:14	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	492	517	517	4.84	cps
Molybdenum	95-1	333	358	467	386	18.35	cps
Molybdenum	96-1	342	692	700	578	35.40	cps
Molybdenum	97-1	275	308	442	342	25.81	cps
Molybdenum	98-1	417	675	942	678	38.73	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	907	917	940	921	1.86	cps
Phosphorus	31-2	283	175	300	253	26.85	cps
Potassium	39-2	48120	46633	47519	47424	1.58	cps
Rhodium	103-1	14430950	14574008	14405045	14470001	0.63	cps
Rhodium	103-2	6664854	6684299	6742976	6697376	0.61	cps
Scandium	45-1	8188151	8191500	8194799	8191484	0.04	cps
Scandium	45-2	370236	368139	371086	369821	0.41	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	80	98	107	95	14.88	cps
Selenium	82-1	-173	-408	-112	-231	-67.73	cps
Silicon	28-1	3863664	3813126	3796866	3824552	0.91	cps
Silver	109-1	900	958	942	933	3.22	cps
Silver	107-1	3592	3692	3775	3686	2.49	cps
Sodium	23-2	46632	46164	47250	46682	1.17	cps
Strontium	86-1	6585	6285	6535	6468	2.49	cps
Strontium	88-1	8620	9220	8645	8828	3.85	cps
Sulfur	34-1	576385	585270	579866	580507	0.77	cps
Terbium	159-1	21640877	21910879	21407545	21653100	1.16	cps
Terbium	159-2	9488218	9427007	9458958	9458061	0.32	cps
Thallium	203-1	217	250	217	228	8.45	cps
Thallium	205-1	583	408	408	467	21.65	cps
Tin	118-1	1775	2109	1750	1878	10.66	cps
Titanium	47-1	333	233	192	253	28.80	cps
Uranium	238-1	117	175	150	147	19.88	cps
Vanadium	51-2	87	67	120	91	29.57	cps
Yttrium	89-1	15301230	15261061	15136536	15232942	0.56	cps
Yttrium	89-2	2049616	2032760	2042048	2041475	0.41	cps
Zinc	66-2	3390	3397	3427	3405	0.57	cps
Zirconium	90-1	742	792	692	742	6.74	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:12:14	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	233	192	194	19.33	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:15:42	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1228865	1233939	1221244	1228016	0.52	cps
Antimony	121-1	8260039	8296533	8252366	8269646	0.29	cps
Arsenic	75-2	265386	266430	264986	265600	0.28	cps
Barium	135-1	9876086	9868305	9928621	9891004	0.33	cps
Barium	137-1	17064317	17203532	17305591	17191147	0.70	cps
Beryllium	9-1	1101543	1107800	1090550	1099964	0.79	cps
Bismuth	209-1	13615731	13479215	13606897	13567281	0.56	cps
Bismuth	209-2	7107839	7139688	6768858	7005462	2.93	cps
Boron	10-1	145635	151147	148311	148364	1.86	cps
Boron	11-1	734785	743496	746031	741437	0.80	cps
Cadmium	111-1	1814576	1826673	1806474	1815908	0.56	cps
Cadmium	106-1	227923	226669	226288	226960	0.38	cps
Cadmium	108-1	146893	147402	146455	146917	0.32	cps
Calcium	43-1	1934139	1947457	1940526	1940707	0.34	cps
Calcium	44-1	32079953	32244077	31958191	32094074	0.45	cps
Chromium	52-2	2243398	2256186	2237690	2245758	0.42	cps
Cobalt	59-2	3717907	3732090	3733192	3727730	0.23	cps
Copper	63-2	5423788	5403147	5418810	5415248	0.20	cps
Dysprosium	156-1	208	183	167	186	11.27	cps
Dysprosium	156-2	47	53	43	48	10.66	cps
Erbium	164-1	75	67	100	81	21.54	cps
Erbium	164-2	23	43	50	39	35.69	cps
Gadolinium	160-1	167	283	125	192	42.82	cps
Gadolinium	160-2	97	103	107	102	4.98	cps
Holmium	165-1	19696075	19723561	19755909	19725182	0.15	cps
Holmium	165-2	9111945	9101622	9113715	9109094	0.07	cps
Indium	115-1	14294899	14368772	14432369	14365347	0.48	cps
Indium	115-2	2547508	2572285	2561420	2560404	0.49	cps
Iron	56-2	95245947	95700030	95057433	95334470	0.35	cps
Iron	57-2	2265544	2290964	2263853	2273454	0.67	cps
Lead	206-1	7476241	7522997	7460732	7486657	0.43	cps
Lead	207-1	6406042	6409220	6387628	6400963	0.18	cps
Lead	208-1	29892576	30031393	29678937	29867635	0.59	cps
Lithium	6-1	1715168	1712097	1718416	1715227	0.18	cps
Magnesium	24-2	15748475	15703439	15754352	15735422	0.18	cps
Manganese	55-2	2463442	2481282	2468208	2470977	0.37	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:15:42	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7217436	7291357	7134581	7214458	1.09	cps
Molybdenum	95-1	3667984	3705915	3633030	3668976	0.99	cps
Molybdenum	96-1	4745337	4760735	4710817	4738963	0.54	cps
Molybdenum	97-1	2295298	2287384	2260223	2280968	0.81	cps
Molybdenum	98-1	6250926	6270986	6186490	6236134	0.71	cps
Neodymium	150-1	653	587	747	662	12.14	cps
Neodymium	150-2	67	73	33	58	37.09	cps
Nickel	60-2	997666	994721	990982	994456	0.34	cps
Phosphorus	31-2	67377	69178	69530	68695	1.68	cps
Potassium	39-2	7869548	7852801	7818538	7846963	0.33	cps
Rhodium	103-1	13087667	13088283	12908982	13028311	0.79	cps
Rhodium	103-2	6139384	6179451	6135669	6151501	0.39	cps
Scandium	45-1	7817786	7828038	7730638	7792154	0.69	cps
Scandium	45-2	356859	360389	359680	358976	0.52	cps
Selenium	77-2	5398	5411	5268	5359	1.48	cps
Selenium	78-2	17629	18021	17418	17689	1.73	cps
Selenium	82-1	118370	116462	115712	116848	1.17	cps
Silicon	28-1	3626903	3662852	3673931	3654562	0.67	cps
Silver	109-1	9791139	9853578	9701132	9781950	0.78	cps
Silver	107-1	39500363	39805237	39229816	39511806	0.73	cps
Sodium	23-2	30662692	30341703	30492718	30499038	0.53	cps
Strontium	86-1	2337452	2349428	2322009	2336297	0.59	cps
Strontium	88-1	20768112	20985820	20812831	20855587	0.55	cps
Sulfur	34-1	1238685	1242545	1223988	1235073	0.79	cps
Terbium	159-1	19967619	20327136	20101373	20132043	0.90	cps
Terbium	159-2	9066827	9016338	9032302	9038489	0.29	cps
Thallium	203-1	9165190	9086868	9228830	9160296	0.78	cps
Thallium	205-1	21726727	21677421	21780234	21728127	0.24	cps
Tin	118-1	6710735	6729267	6791664	6743889	0.63	cps
Titanium	47-1	951622	955657	946529	951270	0.48	cps
Uranium	238-1	31402699	31599698	31540966	31514454	0.32	cps
Vanadium	51-2	1823122	1821561	1820093	1821592	0.08	cps
Yttrium	89-1	14079066	14281128	14128937	14163044	0.74	cps
Yttrium	89-2	1971472	1974837	1967607	1971306	0.18	cps
Zinc	66-2	760970	763205	760457	761544	0.19	cps
Zirconium	90-1	13349145	13423792	13255204	13342714	0.63	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P7
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:15:42	DataFile Name :	063CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2874084	2895521	2849645	2873084	0.80	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:19:41	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	83	100	78	32.74	cps
Antimony	121-1	19239	22636	27160	23012	17.27	cps
Arsenic	75-2	194	200	259	218	16.49	cps
Barium	135-1	267	233	267	256	7.53	cps
Barium	137-1	508	333	358	400	23.66	cps
Beryllium	9-1	311	306	283	300	4.90	cps
Bismuth	209-1	13802537	13868225	13876605	13849122	0.29	cps
Bismuth	209-2	7316327	7346784	7348613	7337241	0.25	cps
Boron	10-1	3409	3534	3217	3387	4.71	cps
Boron	11-1	17344	15742	16076	16387	5.16	cps
Cadmium	111-1	599	563	657	606	7.83	cps
Cadmium	106-1	5118	4876	5401	5132	5.12	cps
Cadmium	108-1	8	29	25	21	52.93	cps
Calcium	43-1	458	375	308	381	19.75	cps
Calcium	44-1	11947	11997	12055	12000	0.45	cps
Chromium	52-2	1413	1340	1280	1345	4.97	cps
Cobalt	59-2	197	187	127	170	22.27	cps
Copper	63-2	10327	10050	10220	10199	1.37	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	50	50	83	61	31.50	cps
Erbium	164-2	33	37	33	34	5.60	cps
Gadolinium	160-1	100	150	133	128	19.93	cps
Gadolinium	160-2	53	67	47	56	18.33	cps
Holmium	165-1	19832939	19649185	19642078	19708067	0.55	cps
Holmium	165-2	9089932	9129244	9099897	9106358	0.22	cps
Indium	115-1	14712472	14753646	14798359	14754826	0.29	cps
Indium	115-2	2664007	2659283	2644476	2655922	0.38	cps
Iron	56-2	9792	10343	10387	10174	3.26	cps
Iron	57-2	206	128	267	200	34.81	cps
Lead	206-1	4379	4345	4262	4329	1.39	cps
Lead	207-1	3767	3873	3651	3764	2.95	cps
Lead	208-1	17283	17066	17516	17288	1.30	cps
Lithium	6-1	1748173	1733451	1756092	1745905	0.66	cps
Magnesium	24-2	358	350	358	356	1.35	cps
Manganese	55-2	317	190	217	241	27.70	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:19:41	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2300	2717	3217	2745	16.73	cps
Molybdenum	95-1	3109	3442	4368	3640	17.92	cps
Molybdenum	96-1	3009	4142	5268	4140	27.29	cps
Molybdenum	97-1	1825	2117	3084	2342	28.13	cps
Molybdenum	98-1	4576	5735	7052	5788	21.41	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	240	223	200	221	9.09	cps
Phosphorus	31-2	275	267	325	289	10.92	cps
Potassium	39-2	44785	44961	44744	44830	0.26	cps
Rhodium	103-1	13560623	13796026	13500021	13618890	1.15	cps
Rhodium	103-2	6522721	6463244	6433795	6473254	0.70	cps
Scandium	45-1	7845738	7927657	7906946	7893447	0.54	cps
Scandium	45-2	363576	364032	365956	364522	0.35	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	113	89	96	99	12.40	cps
Selenium	82-1	-116	-68	-17	-67	-73.92	cps
Silicon	28-1	387111	387707	388988	387935	0.25	cps
Silver	109-1	1183	1067	1067	1106	6.09	cps
Silver	107-1	4534	4184	4250	4323	4.30	cps
Sodium	23-2	30248	29163	29555	29655	1.85	cps
Strontium	86-1	5701	5835	5735	5757	1.21	cps
Strontium	88-1	942	1033	633	870	24.10	cps
Sulfur	34-1	599668	596599	601991	599419	0.45	cps
Terbium	159-1	20004924	20017781	20213186	20078630	0.58	cps
Terbium	159-2	9069092	9184129	9107892	9120371	0.64	cps
Thallium	203-1	833	983	800	872	11.20	cps
Thallium	205-1	2384	2000	1750	2045	15.60	cps
Tin	118-1	3501	4176	4901	4192	16.71	cps
Titanium	47-1	158	125	183	156	18.81	cps
Uranium	238-1	867	842	925	878	4.87	cps
Vanadium	51-2	110	57	73	80	34.10	cps
Yttrium	89-1	14249029	14385981	14463041	14366017	0.75	cps
Yttrium	89-2	1992104	2013942	1999438	2001828	0.56	cps
Zinc	66-2	203	220	240	221	8.30	cps
Zirconium	90-1	1734	1992	2159	1961	10.92	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P7
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:19:41	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	467	417	417	433	6.66	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:23:09	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	1033	983	1047	6.86	cps
Antimony	121-1	6944	8086	9829	8286	17.54	cps
Arsenic	75-2	559	607	569	578	4.42	cps
Barium	135-1	783	883	783	817	7.07	cps
Barium	137-1	1200	1308	1400	1303	7.69	cps
Beryllium	9-1	244	217	178	213	15.72	cps
Bismuth	209-1	13936906	13591537	13587561	13705335	1.46	cps
Bismuth	209-2	7184904	7280424	7179367	7214898	0.79	cps
Boron	10-1	1984	2184	2059	2075	4.87	cps
Boron	11-1	10929	10029	9879	10279	5.53	cps
Cadmium	111-1	545	544	533	541	1.20	cps
Cadmium	106-1	4868	4984	5001	4951	1.47	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	11605	11438	11338	11460	1.18	cps
Calcium	44-1	194883	192588	192378	193283	0.72	cps
Chromium	52-2	1237	1420	1200	1286	9.17	cps
Cobalt	59-2	477	427	480	461	6.48	cps
Copper	63-2	13927	13456	13430	13604	2.06	cps
Dysprosium	156-1	50	75	50	58	24.74	cps
Dysprosium	156-2	23	20	27	23	14.29	cps
Erbium	164-1	150	108	200	153	30.04	cps
Erbium	164-2	47	70	60	59	19.88	cps
Gadolinium	160-1	158	175	150	161	7.90	cps
Gadolinium	160-2	103	107	103	104	1.84	cps
Holmium	165-1	19746457	19587004	19508263	19613908	0.62	cps
Holmium	165-2	9111684	9187800	9110017	9136500	0.49	cps
Indium	115-1	14898761	14850096	14637475	14795444	0.94	cps
Indium	115-2	2627859	2622085	2640550	2630165	0.36	cps
Iron	56-2	275725	274220	275855	275266	0.33	cps
Iron	57-2	6513	6935	6691	6713	3.16	cps
Lead	206-1	3173	2906	2956	3012	4.71	cps
Lead	207-1	2984	2456	2695	2711	9.75	cps
Lead	208-1	13342	11736	12247	12442	6.60	cps
Lithium	6-1	1739532	1746484	1717246	1734421	0.88	cps
Magnesium	24-2	5343	5134	5651	5376	4.84	cps
Manganese	55-2	17597	17494	17240	17444	1.05	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:23:09	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1283	1592	1650	1508	13.06	cps
Molybdenum	95-1	1225	1567	1667	1486	15.58	cps
Molybdenum	96-1	1342	1709	2184	1745	24.19	cps
Molybdenum	97-1	950	925	1167	1014	13.11	cps
Molybdenum	98-1	2059	2300	3059	2473	21.11	cps
Neodymium	150-1	107	127	133	122	11.36	cps
Neodymium	150-2	27	27	40	31	24.74	cps
Nickel	60-2	270	303	273	282	6.50	cps
Phosphorus	31-2	333	233	275	281	17.90	cps
Potassium	39-2	96379	95557	96387	96108	0.50	cps
Rhodium	103-1	13569937	13435138	13481655	13495577	0.51	cps
Rhodium	103-2	6436067	6471004	6427307	6444793	0.36	cps
Scandium	45-1	7852889	7849771	7848179	7850280	0.03	cps
Scandium	45-2	365634	361108	361448	362730	0.70	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	74	117	106	99	22.37	cps
Selenium	82-1	-188	93	88	-2	-7550.60	cps
Silicon	28-1	1437119	1397533	1407353	1414002	1.46	cps
Silver	109-1	1458	1350	18230	7013	138.52	cps
Silver	107-1	6034	5651	56323	22669	128.57	cps
Sodium	23-2	111889	109942	110992	110941	0.88	cps
Strontium	86-1	13941	14541	14082	14188	2.21	cps
Strontium	88-1	78213	77912	77476	77867	0.48	cps
Sulfur	34-1	608666	606765	610510	608647	0.31	cps
Terbium	159-1	20146604	20192469	19841781	20060284	0.95	cps
Terbium	159-2	9135285	9025577	9036525	9065796	0.67	cps
Thallium	203-1	383	475	325	394	19.17	cps
Thallium	205-1	1025	1008	942	992	4.45	cps
Tin	118-1	2342	2792	2559	2564	8.78	cps
Titanium	47-1	317	492	600	469	30.46	cps
Uranium	238-1	367	400	483	417	14.42	cps
Vanadium	51-2	147	143	153	148	3.45	cps
Yttrium	89-1	14460296	14313071	14194464	14322610	0.93	cps
Yttrium	89-2	1975183	1983339	1979402	1979308	0.21	cps
Zinc	66-2	590	550	600	580	4.56	cps
Zirconium	90-1	1926	1692	1675	1764	7.95	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:23:09	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	300	342	317	6.96	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:26:38	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200	1225	1017	1147	9.92	cps
Antimony	121-1	4109	4943	5585	4879	15.16	cps
Arsenic	75-2	469	620	478	522	16.30	cps
Barium	135-1	800	825	875	833	4.58	cps
Barium	137-1	1458	1392	1575	1475	6.29	cps
Beryllium	9-1	172	189	222	194	13.09	cps
Bismuth	209-1	13657409	13763411	13618430	13679750	0.55	cps
Bismuth	209-2	7222755	7286383	7203607	7237582	0.60	cps
Boron	10-1	1692	1600	1717	1670	3.68	cps
Boron	11-1	8036	8461	8461	8319	2.95	cps
Cadmium	111-1	503	564	543	537	5.75	cps
Cadmium	106-1	4826	5518	5051	5132	6.88	cps
Cadmium	108-1	21	25	21	22	10.84	cps
Calcium	43-1	12389	12473	12247	12370	0.92	cps
Calcium	44-1	202290	204084	200365	202246	0.92	cps
Chromium	52-2	1450	1313	1567	1443	8.79	cps
Cobalt	59-2	480	403	427	437	9.00	cps
Copper	63-2	13523	13620	13540	13561	0.38	cps
Dysprosium	156-1	83	117	83	94	20.37	cps
Dysprosium	156-2	20	40	37	32	33.25	cps
Erbium	164-1	108	133	100	114	15.23	cps
Erbium	164-2	60	83	63	69	18.33	cps
Gadolinium	160-1	183	175	175	178	2.71	cps
Gadolinium	160-2	70	70	77	72	5.33	cps
Holmium	165-1	19708838	19660394	19508932	19626055	0.53	cps
Holmium	165-2	9107316	9149338	9078671	9111775	0.39	cps
Indium	115-1	14636590	14847306	14689899	14724599	0.74	cps
Indium	115-2	2619815	2625581	2618561	2621319	0.14	cps
Iron	56-2	287790	286412	285208	286470	0.45	cps
Iron	57-2	7091	6902	6841	6944	1.88	cps
Lead	206-1	2856	2334	2761	2650	10.50	cps
Lead	207-1	2284	2261	2184	2243	2.34	cps
Lead	208-1	11047	10074	10430	10517	4.68	cps
Lithium	6-1	1732992	1758768	1728791	1740184	0.93	cps
Magnesium	24-2	5226	5668	5418	5437	4.07	cps
Manganese	55-2	17954	18262	17918	18045	1.05	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:26:38	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	783	1117	1175	1025	20.62	cps
Molybdenum	95-1	808	1067	1208	1028	19.73	cps
Molybdenum	96-1	1000	1383	1283	1222	16.27	cps
Molybdenum	97-1	633	725	767	708	9.63	cps
Molybdenum	98-1	1500	1725	2075	1767	16.40	cps
Neodymium	150-1	167	100	67	111	45.83	cps
Neodymium	150-2	40	43	40	41	4.68	cps
Nickel	60-2	383	333	317	344	10.07	cps
Phosphorus	31-2	325	333	250	303	15.16	cps
Potassium	39-2	96278	98375	96647	97100	1.15	cps
Rhodium	103-1	13617425	13533485	13451719	13534210	0.61	cps
Rhodium	103-2	6480428	6394046	6422107	6432194	0.69	cps
Scandium	45-1	7881947	7898682	7895176	7891935	0.11	cps
Scandium	45-2	359392	360675	359736	359934	0.18	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	98	96	72	89	16.27	cps
Selenium	82-1	-46	196	-63	29	502.17	cps
Silicon	28-1	1455310	1520850	1456596	1477585	2.54	cps
Silver	109-1	1233	1150	1392	1258	9.76	cps
Silver	107-1	4942	4875	5701	5173	8.86	cps
Sodium	23-2	112528	114476	114223	113743	0.93	cps
Strontium	86-1	14500	15033	15108	14881	2.23	cps
Strontium	88-1	81129	81775	82571	81825	0.88	cps
Sulfur	34-1	610321	608814	610348	609828	0.14	cps
Terbium	159-1	20020576	20101808	20091900	20071428	0.22	cps
Terbium	159-2	9071180	9110113	8984308	9055200	0.71	cps
Thallium	203-1	250	283	167	233	25.75	cps
Thallium	205-1	550	550	658	586	10.67	cps
Tin	118-1	1909	1917	1775	1867	4.26	cps
Titanium	47-1	483	533	450	489	8.58	cps
Uranium	238-1	392	433	467	431	8.73	cps
Vanadium	51-2	163	137	177	159	12.82	cps
Yttrium	89-1	14270622	14479842	14299928	14350131	0.79	cps
Yttrium	89-2	1984857	1986536	1978345	1983246	0.22	cps
Zinc	66-2	473	597	663	578	16.68	cps
Zirconium	90-1	1283	1225	1433	1314	8.18	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01DUPDLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:26:38	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	342	433	378	12.92	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S83-0012LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-08 16:30:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	283	283	283	0.00	cps
Antimony	121-1	2359	2742	3334	2812	17.47	cps
Arsenic	75-2	111	161	137	136	18.33	cps
Barium	135-1	200	167	217	194	13.10	cps
Barium	137-1	500	425	400	442	11.78	cps
Beryllium	9-1	156	122	211	163	27.55	cps
Bismuth	209-1	13702006	13824854	13714913	13747258	0.49	cps
Bismuth	209-2	7164116	7259114	7304664	7242631	0.99	cps
Boron	10-1	1142	1150	1225	1172	3.92	cps
Boron	11-1	6243	5801	5960	6001	3.73	cps
Cadmium	111-1	533	535	469	512	7.29	cps
Cadmium	106-1	5368	5226	4609	5068	7.96	cps
Cadmium	108-1	25	8	4	13	88.19	cps
Calcium	43-1	2459	2792	2859	2703	7.93	cps
Calcium	44-1	51717	52511	52034	52087	0.77	cps
Chromium	52-2	1417	1253	1233	1301	7.73	cps
Cobalt	59-2	143	180	167	163	11.36	cps
Copper	63-2	10587	10504	10257	10449	1.64	cps
Dysprosium	156-1	33	17	50	33	50.00	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	37	20	27	28	30.20	cps
Gadolinium	160-1	175	142	133	150	14.70	cps
Gadolinium	160-2	67	63	47	59	18.19	cps
Holmium	165-1	19605898	19488949	19325325	19473391	0.72	cps
Holmium	165-2	8958927	9175764	9103403	9079365	1.22	cps
Indium	115-1	14783859	14760723	14570553	14705045	0.80	cps
Indium	115-2	2598669	2616651	2649526	2621615	0.98	cps
Iron	56-2	59744	58924	60491	59720	1.31	cps
Iron	57-2	1511	1400	1450	1454	3.83	cps
Lead	206-1	2889	2889	3073	2950	3.59	cps
Lead	207-1	2695	2645	2800	2713	2.93	cps
Lead	208-1	12008	12397	12375	12260	1.78	cps
Lithium	6-1	1768537	1773691	1752350	1764859	0.63	cps
Magnesium	24-2	1617	1508	1517	1547	3.90	cps
Manganese	55-2	3397	3467	3597	3487	2.91	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S83-0012LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-08 16:30:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	875	825	753	22.62	cps
Molybdenum	95-1	617	567	725	636	12.72	cps
Molybdenum	96-1	500	725	858	694	26.08	cps
Molybdenum	97-1	308	475	583	456	30.41	cps
Molybdenum	98-1	708	1208	1400	1106	32.30	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	237	237	237	237	0.00	cps
Phosphorus	31-2	233	217	258	236	8.88	cps
Potassium	39-2	55730	55095	56676	55834	1.42	cps
Rhodium	103-1	13640584	13674341	13463069	13592665	0.83	cps
Rhodium	103-2	6390810	6391271	6394211	6392097	0.03	cps
Scandium	45-1	7945489	7961680	7874317	7927162	0.59	cps
Scandium	45-2	362074	363667	367349	364363	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	59	100	96	36.69	cps
Selenium	82-1	-51	22	-20	-16	-225.67	cps
Silicon	28-1	586374	588331	583412	586039	0.42	cps
Silver	109-1	725	650	633	669	7.29	cps
Silver	107-1	2884	2834	2542	2753	6.70	cps
Sodium	23-2	43781	44007	43990	43926	0.29	cps
Strontium	86-1	7461	7177	7210	7283	2.13	cps
Strontium	88-1	15692	16143	16151	15996	1.64	cps
Sulfur	34-1	621563	620384	617953	619967	0.30	cps
Terbium	159-1	20066463	20214143	19984630	20088412	0.58	cps
Terbium	159-2	9056891	9110941	9097692	9088508	0.31	cps
Thallium	203-1	133	258	325	239	40.73	cps
Thallium	205-1	450	442	492	461	5.81	cps
Tin	118-1	1642	1400	1659	1567	9.23	cps
Titanium	47-1	233	233	300	256	15.06	cps
Uranium	238-1	150	233	183	189	22.21	cps
Vanadium	51-2	80	57	70	69	16.99	cps
Yttrium	89-1	14399580	14470607	14266907	14379032	0.72	cps
Yttrium	89-2	1967211	1983985	1991513	1980903	0.63	cps
Zinc	66-2	463	520	537	507	7.59	cps
Zirconium	90-1	1125	1233	975	1111	11.68	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	S83-0012LDL	Dilution Factor :	100
Date & Time Acquired ::	2017-05-08 16:30:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	200	300	256	19.92	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:33:37	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60824	59151	61148	60374	1.78	cps
Antimony	121-1	369333	366569	364809	366904	0.62	cps
Arsenic	75-2	12478	12624	13037	12713	2.28	cps
Barium	135-1	436908	430276	435287	434157	0.80	cps
Barium	137-1	772509	758459	760125	763697	1.01	cps
Beryllium	9-1	52145	51198	50640	51328	1.48	cps
Bismuth	209-1	13735083	13571097	13428716	13578299	1.13	cps
Bismuth	209-2	7187614	7121015	7254741	7187790	0.93	cps
Boron	10-1	14699	14466	14516	14560	0.84	cps
Boron	11-1	74986	73186	74584	74252	1.27	cps
Cadmium	111-1	84485	85046	81446	83659	2.32	cps
Cadmium	106-1	15851	14992	15259	15367	2.86	cps
Cadmium	108-1	6610	6727	6852	6730	1.80	cps
Calcium	43-1	105954	101732	101975	103220	2.30	cps
Calcium	44-1	1697918	1679157	1668167	1681747	0.89	cps
Chromium	52-2	106273	106071	105467	105937	0.40	cps
Cobalt	59-2	174871	175171	175131	175058	0.09	cps
Copper	63-2	267539	272305	268422	269422	0.94	cps
Dysprosium	156-1	150	133	75	119	32.97	cps
Dysprosium	156-2	40	47	43	43	7.70	cps
Erbium	164-1	542	575	567	561	3.09	cps
Erbium	164-2	237	240	237	238	0.81	cps
Gadolinium	160-1	250	200	242	231	11.62	cps
Gadolinium	160-2	123	107	90	107	15.63	cps
Holmium	165-1	19489198	19187600	19391337	19356045	0.79	cps
Holmium	165-2	9093681	9011657	9113440	9072926	0.59	cps
Indium	115-1	14796617	14739748	14470449	14668938	1.19	cps
Indium	115-2	2606391	2621738	2640729	2622953	0.66	cps
Iron	56-2	4613616	4632144	4648782	4631514	0.38	cps
Iron	57-2	113334	114672	116262	114756	1.28	cps
Lead	206-1	342417	338359	339960	340245	0.60	cps
Lead	207-1	287776	280600	285267	284548	1.28	cps
Lead	208-1	1349212	1325921	1329829	1334987	0.93	cps
Lithium	6-1	1757202	1735514	1718421	1737046	1.12	cps
Magnesium	24-2	740165	743766	748250	744060	0.54	cps
Manganese	55-2	131555	132702	131175	131810	0.60	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:33:37	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400798	393171	395124	396364	1.00	cps
Molybdenum	95-1	331537	329302	331258	330699	0.37	cps
Molybdenum	96-1	396505	388447	387851	390935	1.24	cps
Molybdenum	97-1	210855	207581	204471	207636	1.54	cps
Molybdenum	98-1	543749	532051	538850	538217	1.09	cps
Neodymium	150-1	120	73	187	127	44.97	cps
Neodymium	150-2	53	40	50	48	14.52	cps
Nickel	60-2	47714	47761	48002	47826	0.32	cps
Phosphorus	31-2	267	308	183	253	25.18	cps
Potassium	39-2	445036	449365	454520	449640	1.06	cps
Rhodium	103-1	13423955	13358007	13313641	13365201	0.42	cps
Rhodium	103-2	6381211	6352776	6432337	6388775	0.63	cps
Scandium	45-1	7904974	7816417	7776563	7832651	0.84	cps
Scandium	45-2	361308	362242	366962	363504	0.83	cps
Selenium	77-2	237	200	270	236	14.87	cps
Selenium	78-2	944	872	941	919	4.42	cps
Selenium	82-1	5340	5502	5233	5358	2.53	cps
Silicon	28-1	1949787	1930630	1938028	1939482	0.50	cps
Silver	109-1	194148	190695	195441	193428	1.27	cps
Silver	107-1	783315	772829	788608	781584	1.03	cps
Sodium	23-2	1524788	1521450	1545066	1530435	0.84	cps
Strontium	86-1	124722	120417	121325	122154	1.86	cps
Strontium	88-1	1019243	1001418	1003872	1008178	0.96	cps
Sulfur	34-1	630006	628221	623664	627297	0.52	cps
Terbium	159-1	20177384	19715718	19843171	19912091	1.20	cps
Terbium	159-2	9020851	9015813	8972086	9002917	0.30	cps
Thallium	203-1	391654	389264	387312	389410	0.56	cps
Thallium	205-1	947004	941252	932667	940308	0.77	cps
Tin	118-1	594786	586176	583587	588183	1.00	cps
Titanium	47-1	87995	88055	86972	87674	0.69	cps
Uranium	238-1	1280762	1263715	1270003	1271493	0.68	cps
Vanadium	51-2	82144	83203	82961	82769	0.67	cps
Yttrium	89-1	14299229	14024657	14151267	14158384	0.97	cps
Yttrium	89-2	1981837	1982855	1982320	1982337	0.03	cps
Zinc	66-2	36937	36145	37592	36891	1.96	cps
Zirconium	90-1	573549	556430	563451	564477	1.52	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:33:37	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	126395	125621	124925	125647	0.59	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:37:06	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61502	61761	61394	61552	0.31	cps
Antimony	121-1	373359	370930	372908	372399	0.35	cps
Arsenic	75-2	13243	13173	12848	13088	1.61	cps
Barium	135-1	448290	441740	446945	445658	0.78	cps
Barium	137-1	783391	775106	781580	780026	0.56	cps
Beryllium	9-1	52842	52775	52067	52562	0.82	cps
Bismuth	209-1	13940158	13629227	13712508	13760631	1.17	cps
Bismuth	209-2	7285828	7319308	7227507	7277548	0.64	cps
Boron	10-1	14591	15375	15634	15200	3.57	cps
Boron	11-1	76670	74910	74668	75416	1.45	cps
Cadmium	111-1	84980	84128	84844	84650	0.54	cps
Cadmium	106-1	15159	15334	15476	15323	1.04	cps
Cadmium	108-1	6923	6581	6956	6820	3.04	cps
Calcium	43-1	107053	106490	107052	106865	0.30	cps
Calcium	44-1	1719826	1713729	1710330	1714628	0.28	cps
Chromium	52-2	109623	108536	107619	108593	0.92	cps
Cobalt	59-2	176517	178366	177587	177490	0.52	cps
Copper	63-2	272519	274827	276458	274601	0.72	cps
Dysprosium	156-1	67	125	117	103	30.70	cps
Dysprosium	156-2	33	57	43	44	26.35	cps
Erbium	164-1	567	458	575	533	12.20	cps
Erbium	164-2	230	237	263	243	7.25	cps
Gadolinium	160-1	275	233	300	269	12.50	cps
Gadolinium	160-2	97	90	87	91	5.59	cps
Holmium	165-1	19825504	19626787	19694851	19715714	0.51	cps
Holmium	165-2	9155884	9167308	9150841	9158011	0.09	cps
Indium	115-1	15004050	14805826	14626118	14811998	1.28	cps
Indium	115-2	2652385	2644146	2651873	2649468	0.17	cps
Iron	56-2	4721682	4727170	4705440	4718097	0.24	cps
Iron	57-2	117147	116934	115366	116483	0.83	cps
Lead	206-1	349309	346448	349515	348424	0.49	cps
Lead	207-1	291687	290337	293308	291777	0.51	cps
Lead	208-1	1370805	1358085	1366510	1365133	0.47	cps
Lithium	6-1	1760784	1755197	1736658	1750879	0.72	cps
Magnesium	24-2	776420	777185	770217	774608	0.49	cps
Manganese	55-2	132812	134380	133805	133666	0.59	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:37:06	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	411085	402193	404171	405816	1.15	cps
Molybdenum	95-1	341602	341055	339502	340720	0.32	cps
Molybdenum	96-1	407791	400051	395724	401188	1.52	cps
Molybdenum	97-1	215122	212664	212928	213572	0.63	cps
Molybdenum	98-1	556189	552318	548436	552315	0.70	cps
Neodymium	150-1	140	127	140	136	5.68	cps
Neodymium	150-2	40	40	33	38	10.19	cps
Nickel	60-2	48273	47691	48664	48209	1.02	cps
Phosphorus	31-2	308	325	283	306	6.86	cps
Potassium	39-2	456649	456887	458035	457190	0.16	cps
Rhodium	103-1	13751712	13552092	13627282	13643695	0.74	cps
Rhodium	103-2	6467706	6405747	6404120	6425858	0.56	cps
Scandium	45-1	8015637	7961481	7977095	7984738	0.35	cps
Scandium	45-2	366827	366040	367869	366912	0.25	cps
Selenium	77-2	260	250	243	251	3.34	cps
Selenium	78-2	935	898	961	932	3.40	cps
Selenium	82-1	5480	5449	5599	5510	1.44	cps
Silicon	28-1	1932872	1945139	1932006	1936673	0.38	cps
Silver	109-1	198745	195283	197492	197173	0.89	cps
Silver	107-1	801670	791725	797040	796812	0.62	cps
Sodium	23-2	1571071	1566416	1563638	1567042	0.24	cps
Strontium	86-1	126401	123924	124016	124780	1.13	cps
Strontium	88-1	1027997	1036229	1043752	1035993	0.76	cps
Sulfur	34-1	626062	623763	616094	621973	0.84	cps
Terbium	159-1	20329162	20123538	20137376	20196692	0.57	cps
Terbium	159-2	9112863	9140000	9099367	9117410	0.23	cps
Thallium	203-1	402391	398689	398778	399953	0.53	cps
Thallium	205-1	968599	963974	962575	965049	0.33	cps
Tin	118-1	600068	599056	595959	598361	0.36	cps
Titanium	47-1	89763	89455	89169	89462	0.33	cps
Uranium	238-1	1303161	1292855	1292770	1296262	0.46	cps
Vanadium	51-2	84956	84973	84064	84665	0.61	cps
Yttrium	89-1	14395322	14348857	14462721	14402300	0.40	cps
Yttrium	89-2	1994906	2004796	2004980	2001560	0.29	cps
Zinc	66-2	37622	37027	37368	37339	0.80	cps
Zirconium	90-1	583388	575643	579922	579651	0.67	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:37:06	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	130229	129608	129144	129660	0.42	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:40:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63502	62607	61846	62652	1.32	cps
Antimony	121-1	382291	382906	384144	383114	0.25	cps
Arsenic	75-2	13338	13180	13249	13256	0.60	cps
Barium	135-1	457609	456018	457359	456996	0.19	cps
Barium	137-1	804119	795148	806022	801763	0.72	cps
Beryllium	9-1	53528	52608	54409	53515	1.68	cps
Bismuth	209-1	13654758	13726372	13530278	13637136	0.73	cps
Bismuth	209-2	7274753	7232393	7160301	7222482	0.80	cps
Boron	10-1	15650	16334	15600	15862	2.59	cps
Boron	11-1	77113	77165	77121	77133	0.04	cps
Cadmium	111-1	86667	85814	87570	86684	1.01	cps
Cadmium	106-1	16268	14767	15309	15448	4.92	cps
Cadmium	108-1	6939	7114	7031	7028	1.25	cps
Calcium	43-1	109420	108941	109134	109165	0.22	cps
Calcium	44-1	1765679	1775573	1746987	1762747	0.82	cps
Chromium	52-2	111390	111121	110204	110905	0.56	cps
Cobalt	59-2	182519	182009	182834	182454	0.23	cps
Copper	63-2	283086	282211	279382	281559	0.69	cps
Dysprosium	156-1	58	108	125	97	35.68	cps
Dysprosium	156-2	17	47	60	41	53.98	cps
Erbium	164-1	500	483	417	467	9.45	cps
Erbium	164-2	263	230	247	247	6.76	cps
Gadolinium	160-1	258	225	217	233	9.45	cps
Gadolinium	160-2	103	97	110	103	6.45	cps
Holmium	165-1	19575034	19778363	19564312	19639237	0.61	cps
Holmium	165-2	9089895	9158810	9013665	9087457	0.80	cps
Indium	115-1	14605866	14784422	14704886	14698391	0.61	cps
Indium	115-2	2635427	2624281	2618428	2626045	0.33	cps
Iron	56-2	4855026	4833396	4856569	4848330	0.27	cps
Iron	57-2	118558	119292	121062	119638	1.08	cps
Lead	206-1	354253	356709	354320	355094	0.39	cps
Lead	207-1	296245	300584	300653	299161	0.84	cps
Lead	208-1	1389928	1401768	1393594	1395097	0.43	cps
Lithium	6-1	1724574	1727829	1721583	1724662	0.18	cps
Magnesium	24-2	776407	778551	778249	777736	0.15	cps
Manganese	55-2	137246	137031	138259	137512	0.48	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:40:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	416577	417399	415909	416628	0.18	cps
Molybdenum	95-1	345952	348435	346139	346842	0.40	cps
Molybdenum	96-1	413600	412005	411436	412347	0.27	cps
Molybdenum	97-1	218256	218279	218322	218286	0.02	cps
Molybdenum	98-1	562217	560564	565128	562636	0.41	cps
Neodymium	150-1	160	107	140	136	19.88	cps
Neodymium	150-2	47	33	23	34	34.00	cps
Nickel	60-2	49082	49851	49714	49549	0.83	cps
Phosphorus	31-2	275	325	308	303	8.41	cps
Potassium	39-2	465331	469194	467569	467364	0.42	cps
Rhodium	103-1	13336111	13472403	13559172	13455895	0.84	cps
Rhodium	103-2	6471288	6372816	6365077	6403060	0.92	cps
Scandium	45-1	7894887	7925768	7897535	7906063	0.22	cps
Scandium	45-2	365440	364379	365859	365226	0.21	cps
Selenium	77-2	240	263	237	247	5.89	cps
Selenium	78-2	893	950	957	933	3.80	cps
Selenium	82-1	5652	5561	5477	5563	1.57	cps
Silicon	28-1	1964470	2000396	2016728	1993865	1.34	cps
Silver	109-1	204228	202284	201611	202708	0.67	cps
Silver	107-1	820548	819627	815519	818565	0.33	cps
Sodium	23-2	1606773	1597537	1599106	1601139	0.31	cps
Strontium	86-1	124536	128042	126511	126363	1.39	cps
Strontium	88-1	1058157	1062798	1056501	1059152	0.31	cps
Sulfur	34-1	597506	601880	605051	601479	0.63	cps
Terbium	159-1	20008419	20016723	19900926	19975356	0.32	cps
Terbium	159-2	9053049	9011768	9080353	9048390	0.38	cps
Thallium	203-1	411453	411593	405893	409647	0.79	cps
Thallium	205-1	986634	986730	979892	984419	0.40	cps
Tin	118-1	608282	610535	610683	609833	0.22	cps
Titanium	47-1	91029	90879	90879	90929	0.10	cps
Uranium	238-1	1323685	1323678	1324159	1323841	0.02	cps
Vanadium	51-2	86421	88024	87195	87214	0.92	cps
Yttrium	89-1	14174432	14449266	14219530	14281076	1.03	cps
Yttrium	89-2	2000466	2012175	1999696	2004112	0.35	cps
Zinc	66-2	37776	38270	39256	38434	1.96	cps
Zirconium	90-1	585322	594972	594825	591706	0.93	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-01ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:40:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	132214	131720	132198	132044	0.21	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:44:05	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	158	108	139	19.29	cps
Antimony	121-1	1008	1075	1267	1117	12.01	cps
Arsenic	75-2	76	44	52	57	28.68	cps
Barium	135-1	692	633	742	689	7.87	cps
Barium	137-1	1283	1417	1175	1292	9.37	cps
Beryllium	9-1	94	156	172	141	29.10	cps
Bismuth	209-1	13592555	13597683	13594334	13594857	0.02	cps
Bismuth	209-2	7218327	7176285	7212384	7202332	0.32	cps
Boron	10-1	1067	825	992	961	12.87	cps
Boron	11-1	5476	5376	4926	5259	5.57	cps
Cadmium	111-1	505	502	483	497	2.35	cps
Cadmium	106-1	4926	4851	4918	4898	0.84	cps
Cadmium	108-1	8	21	29	19	53.95	cps
Calcium	43-1	19305	19322	19397	19341	0.25	cps
Calcium	44-1	316069	312231	315126	314475	0.64	cps
Chromium	52-2	1310	1420	1323	1351	4.44	cps
Cobalt	59-2	97	123	127	116	14.23	cps
Copper	63-2	12309	12485	12446	12413	0.75	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	133	108	75	106	27.73	cps
Gadolinium	160-2	67	53	53	58	13.33	cps
Holmium	165-1	19049863	19261965	19353208	19221679	0.81	cps
Holmium	165-2	9057830	9080963	9162373	9100389	0.60	cps
Indium	115-1	14681510	14821101	14538716	14680443	0.96	cps
Indium	115-2	2608112	2613345	2620812	2614090	0.24	cps
Iron	56-2	8203	8693	8119	8338	3.72	cps
Iron	57-2	217	222	267	235	11.65	cps
Lead	206-1	1911	2078	2006	1998	4.18	cps
Lead	207-1	1689	1789	1689	1722	3.35	cps
Lead	208-1	7912	7834	7729	7825	1.18	cps
Lithium	6-1	1701447	1711519	1694221	1702395	0.51	cps
Magnesium	24-2	5668	5635	5743	5682	0.98	cps
Manganese	55-2	3424	3320	3374	3373	1.53	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:44:05	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1117	1083	1492	1231	18.43	cps
Molybdenum	95-1	825	1100	1358	1095	24.37	cps
Molybdenum	96-1	1050	1392	1500	1314	17.88	cps
Molybdenum	97-1	650	733	975	786	21.47	cps
Molybdenum	98-1	1600	2034	2284	1972	17.53	cps
Neodymium	150-1	53	13	20	29	74.20	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	250	230	200	227	11.10	cps
Phosphorus	31-2	233	258	183	225	16.97	cps
Potassium	39-2	110359	111257	112356	111324	0.90	cps
Rhodium	103-1	13408762	13354488	13294282	13352511	0.43	cps
Rhodium	103-2	6398202	6412559	6378133	6396298	0.27	cps
Scandium	45-1	7745426	7789305	7797199	7777310	0.36	cps
Scandium	45-2	361026	359849	361693	360856	0.26	cps
Selenium	77-2	17	3	3	8	99.04	cps
Selenium	78-2	76	89	74	80	10.14	cps
Selenium	82-1	33	-119	-156	-81	-124.69	cps
Silicon	28-1	1355597	1354617	1352872	1354362	0.10	cps
Silver	109-1	967	958	950	958	0.87	cps
Silver	107-1	4009	4009	4042	4020	0.48	cps
Sodium	23-2	168470	165671	170416	168185	1.42	cps
Strontium	86-1	16452	15826	16368	16215	2.09	cps
Strontium	88-1	90343	91231	90787	90787	0.49	cps
Sulfur	34-1	610678	613345	612316	612113	0.22	cps
Terbium	159-1	19938553	19824637	19655448	19806213	0.72	cps
Terbium	159-2	8957652	8958444	8915802	8943966	0.27	cps
Thallium	203-1	408	517	342	422	20.92	cps
Thallium	205-1	1058	917	958	978	7.45	cps
Tin	118-1	1358	1617	1809	1595	14.16	cps
Titanium	47-1	217	217	158	197	17.08	cps
Uranium	238-1	275	208	250	244	13.78	cps
Vanadium	51-2	153	147	143	148	3.45	cps
Yttrium	89-1	14042942	14185054	14028711	14085569	0.61	cps
Yttrium	89-2	1994373	1980008	1994541	1989641	0.42	cps
Zinc	66-2	770	727	680	726	6.20	cps
Zirconium	90-1	1225	1709	1925	1620	22.13	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-04DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:44:05	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	383	258	275	306	22.21	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:47:36	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	283	158	231	28.08	cps
Antimony	121-1	958	1192	1100	1083	10.85	cps
Arsenic	75-2	539	622	617	593	7.86	cps
Barium	135-1	667	867	658	731	16.15	cps
Barium	137-1	1192	1308	1067	1189	10.17	cps
Beryllium	9-1	156	161	128	148	12.06	cps
Bismuth	209-1	13519138	13608861	13695651	13607883	0.65	cps
Bismuth	209-2	7260200	7177921	7127589	7188570	0.93	cps
Boron	10-1	867	908	883	886	2.37	cps
Boron	11-1	4342	4684	4559	4529	3.82	cps
Cadmium	111-1	494	533	492	506	4.62	cps
Cadmium	106-1	4818	5001	4834	4884	2.08	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	12990	13332	13190	13170	1.30	cps
Calcium	44-1	221840	220218	221390	221149	0.38	cps
Chromium	52-2	1513	1473	1430	1472	2.83	cps
Cobalt	59-2	470	483	493	482	2.43	cps
Copper	63-2	13063	13103	13677	13281	2.59	cps
Dysprosium	156-1	8	67	50	42	72.12	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Erbium	164-1	83	92	50	75	29.40	cps
Erbium	164-2	43	23	37	34	29.57	cps
Gadolinium	160-1	125	117	92	111	15.61	cps
Gadolinium	160-2	70	43	47	53	27.24	cps
Holmium	165-1	19516945	19442568	19522533	19494016	0.23	cps
Holmium	165-2	9218146	9093692	9052099	9121312	0.95	cps
Indium	115-1	14669071	14790579	14700492	14720047	0.43	cps
Indium	115-2	2637868	2638938	2632405	2636404	0.13	cps
Iron	56-2	289301	288816	288833	288984	0.10	cps
Iron	57-2	7413	6969	6869	7083	4.09	cps
Lead	206-1	2145	1917	2006	2022	5.68	cps
Lead	207-1	1711	1528	1850	1696	9.53	cps
Lead	208-1	7985	7362	7901	7749	4.36	cps
Lithium	6-1	1729025	1725445	1729631	1728034	0.13	cps
Magnesium	24-2	5968	5960	5543	5824	4.18	cps
Manganese	55-2	19630	19543	19129	19434	1.38	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:47:36	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	933	1283	1022	22.49	cps
Molybdenum	95-1	692	992	1058	914	21.37	cps
Molybdenum	96-1	717	933	1250	967	27.75	cps
Molybdenum	97-1	458	483	692	544	23.53	cps
Molybdenum	98-1	1033	1075	1400	1170	17.17	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	343	220	313	292	22.01	cps
Phosphorus	31-2	417	408	250	358	26.21	cps
Potassium	39-2	98115	102084	100765	100321	2.01	cps
Rhodium	103-1	13539051	13530583	13503602	13524412	0.14	cps
Rhodium	103-2	6456794	6428179	6427374	6437449	0.26	cps
Scandium	45-1	7930593	7888792	7780043	7866476	0.99	cps
Scandium	45-2	366405	365447	363356	365069	0.43	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	109	107	94	104	7.78	cps
Selenium	82-1	-66	-114	78	-34	-293.39	cps
Silicon	28-1	1409075	1393458	1386224	1396252	0.84	cps
Silver	109-1	933	1067	1075	1025	7.76	cps
Silver	107-1	3725	3959	4109	3931	4.91	cps
Sodium	23-2	116769	116206	115567	116181	0.52	cps
Strontium	86-1	15734	15017	15426	15392	2.34	cps
Strontium	88-1	84884	84247	87324	85485	1.90	cps
Sulfur	34-1	610430	615137	614158	613242	0.40	cps
Terbium	159-1	20079554	20209167	20019852	20102858	0.48	cps
Terbium	159-2	9092865	8987045	9040793	9040235	0.59	cps
Thallium	203-1	133	258	192	194	32.17	cps
Thallium	205-1	517	483	458	486	6.02	cps
Tin	118-1	1467	1350	1358	1392	4.68	cps
Titanium	47-1	225	258	225	236	8.15	cps
Uranium	238-1	133	208	150	164	24.03	cps
Vanadium	51-2	130	97	147	124	20.46	cps
Yttrium	89-1	14289703	14355880	14319192	14321592	0.23	cps
Yttrium	89-2	1996998	1999592	1992677	1996422	0.17	cps
Zinc	66-2	653	667	617	646	4.01	cps
Zirconium	90-1	1200	1350	1425	1325	8.65	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:47:36	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	217	242	261	21.72	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:51:06	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61619	63603	62289	62504	1.61	cps
Antimony	121-1	401668	399296	400047	400337	0.30	cps
Arsenic	75-2	13801	14157	13968	13975	1.27	cps
Barium	135-1	480624	476719	472683	476675	0.83	cps
Barium	137-1	832923	831852	830954	831910	0.12	cps
Beryllium	9-1	55920	57794	56901	56871	1.65	cps
Bismuth	209-1	13837651	13533922	13551602	13641058	1.25	cps
Bismuth	209-2	6779442	7166193	6826209	6923948	3.05	cps
Boron	10-1	16401	15592	16051	16015	2.53	cps
Boron	11-1	79425	79601	79425	79484	0.13	cps
Cadmium	111-1	90335	90414	90037	90262	0.22	cps
Cadmium	106-1	15809	16060	15651	15840	1.30	cps
Cadmium	108-1	7281	7802	7686	7590	3.60	cps
Calcium	43-1	117011	113373	115120	115168	1.58	cps
Calcium	44-1	1876646	1871541	1862457	1870214	0.38	cps
Chromium	52-2	115689	115347	115806	115614	0.21	cps
Cobalt	59-2	185718	189152	187065	187312	0.92	cps
Copper	63-2	288380	289775	290412	289522	0.36	cps
Dysprosium	156-1	33	67	25	42	52.92	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	558	508	442	503	11.64	cps
Erbium	164-2	207	237	220	221	6.80	cps
Gadolinium	160-1	175	167	192	178	7.16	cps
Gadolinium	160-2	107	63	73	81	27.98	cps
Holmium	165-1	19334925	19561728	19562748	19486467	0.67	cps
Holmium	165-2	9054620	9070624	9059589	9061611	0.09	cps
Indium	115-1	14736734	14684755	14729567	14717019	0.19	cps
Indium	115-2	2605374	2599444	2631122	2611980	0.64	cps
Iron	56-2	5006733	5002109	4979022	4995955	0.30	cps
Iron	57-2	123857	125247	123225	124110	0.83	cps
Lead	206-1	366870	368840	370976	368895	0.56	cps
Lead	207-1	309656	309393	307028	308692	0.47	cps
Lead	208-1	1450777	1447018	1442804	1446867	0.28	cps
Lithium	6-1	1745874	1753692	1743275	1747614	0.31	cps
Magnesium	24-2	814612	819371	824481	819488	0.60	cps
Manganese	55-2	143747	144121	143209	143692	0.32	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:51:06	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	436639	432948	435635	435074	0.44	cps
Molybdenum	95-1	363561	361681	364969	363404	0.45	cps
Molybdenum	96-1	428030	424967	426280	426426	0.36	cps
Molybdenum	97-1	228808	226677	226960	227482	0.51	cps
Molybdenum	98-1	589842	586350	589639	588610	0.33	cps
Neodymium	150-1	53	40	33	42	24.13	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	51470	51514	50684	51223	0.91	cps
Phosphorus	31-2	300	217	242	253	16.92	cps
Potassium	39-2	482378	482749	482782	482636	0.05	cps
Rhodium	103-1	13499614	13510546	13387900	13466020	0.50	cps
Rhodium	103-2	6316102	6264770	6323503	6301458	0.51	cps
Scandium	45-1	7896092	7889238	7827939	7871090	0.48	cps
Scandium	45-2	358378	361165	359379	359641	0.39	cps
Selenium	77-2	247	273	253	258	5.38	cps
Selenium	78-2	969	939	924	944	2.40	cps
Selenium	82-1	5677	5881	6015	5858	2.90	cps
Silicon	28-1	1822934	1823289	1813614	1819946	0.30	cps
Silver	109-1	211424	209508	206976	209303	1.07	cps
Silver	107-1	853497	845831	839415	846248	0.83	cps
Sodium	23-2	1644214	1636625	1647378	1642739	0.34	cps
Strontium	86-1	131776	131564	132732	132024	0.47	cps
Strontium	88-1	1111413	1103389	1104247	1106350	0.40	cps
Sulfur	34-1	623235	624164	624271	623890	0.09	cps
Terbium	159-1	20078708	19782501	20156801	20006003	0.99	cps
Terbium	159-2	8951518	8997234	9078018	9008923	0.71	cps
Thallium	203-1	422832	422901	424760	423497	0.26	cps
Thallium	205-1	1025405	1025070	1026902	1025792	0.10	cps
Tin	118-1	637229	638072	640048	638450	0.23	cps
Titanium	47-1	94083	94847	96103	95011	1.07	cps
Uranium	238-1	1395389	1394860	1395256	1395168	0.02	cps
Vanadium	51-2	90945	89831	90553	90443	0.62	cps
Yttrium	89-1	14274589	14301431	14282787	14286269	0.10	cps
Yttrium	89-2	1974300	1980021	1982860	1979060	0.22	cps
Zinc	66-2	39604	39370	38912	39295	0.90	cps
Zirconium	90-1	626409	615482	612600	618164	1.18	cps

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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:51:06	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	139482	135193	136411	137029	1.61	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:54:35	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64054	63042	62230	63109	1.45	cps
Antimony	121-1	398694	400439	401934	400356	0.41	cps
Arsenic	75-2	14068	13543	13731	13781	1.93	cps
Barium	135-1	481139	473884	477621	477548	0.76	cps
Barium	137-1	840112	828804	836268	835061	0.69	cps
Beryllium	9-1	56840	55039	57436	56438	2.21	cps
Bismuth	209-1	13815137	13762958	13662905	13747000	0.56	cps
Bismuth	209-2	7357123	7249808	7123048	7243326	1.62	cps
Boron	10-1	15258	16151	16042	15817	3.08	cps
Boron	11-1	79584	79877	81428	80297	1.23	cps
Cadmium	111-1	90424	91236	89153	90271	1.16	cps
Cadmium	106-1	15726	16176	15726	15876	1.64	cps
Cadmium	108-1	7385	7273	7327	7328	0.77	cps
Calcium	43-1	111494	113129	113106	112576	0.83	cps
Calcium	44-1	1839976	1838924	1838666	1839189	0.04	cps
Chromium	52-2	115649	116153	113345	115049	1.30	cps
Cobalt	59-2	190407	189737	186060	188735	1.24	cps
Copper	63-2	293767	292695	286252	290904	1.40	cps
Dysprosium	156-1	42	33	58	44	28.65	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	508	442	433	461	8.92	cps
Erbium	164-2	243	240	247	243	1.37	cps
Gadolinium	160-1	142	192	217	183	20.83	cps
Gadolinium	160-2	60	73	70	68	10.24	cps
Holmium	165-1	19767415	19700666	19736482	19734854	0.17	cps
Holmium	165-2	9177178	9155974	8979858	9104337	1.19	cps
Indium	115-1	14859693	14790865	14737366	14795975	0.41	cps
Indium	115-2	2643381	2649979	2586044	2626468	1.34	cps
Iron	56-2	5045151	5052637	4920365	5006051	1.48	cps
Iron	57-2	125313	124994	122099	124135	1.43	cps
Lead	206-1	370649	368676	367896	369073	0.38	cps
Lead	207-1	314689	310255	310761	311902	0.78	cps
Lead	208-1	1463214	1453370	1452687	1456424	0.40	cps
Lithium	6-1	1759402	1766977	1763126	1763168	0.21	cps
Magnesium	24-2	822668	817553	803738	814653	1.20	cps
Manganese	55-2	143734	143286	141321	142780	0.90	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:54:35	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	440435	434447	433573	436152	0.86	cps
Molybdenum	95-1	368551	359780	363142	363824	1.22	cps
Molybdenum	96-1	428981	430889	427877	429249	0.35	cps
Molybdenum	97-1	231389	225762	225929	227693	1.41	cps
Molybdenum	98-1	590555	587456	591067	589692	0.33	cps
Neodymium	150-1	133	60	120	104	37.40	cps
Neodymium	150-2	0	10	30	13	114.56	cps
Nickel	60-2	53009	51895	49965	51623	2.98	cps
Phosphorus	31-2	233	317	258	269	15.87	cps
Potassium	39-2	482637	487557	473319	481171	1.50	cps
Rhodium	103-1	13509408	13494685	13558911	13521001	0.25	cps
Rhodium	103-2	6448363	6443074	6281248	6390895	1.49	cps
Scandium	45-1	7938626	7900958	7899721	7913102	0.28	cps
Scandium	45-2	364989	365673	354615	361759	1.71	cps
Selenium	77-2	210	283	257	250	14.85	cps
Selenium	78-2	957	915	933	935	2.28	cps
Selenium	82-1	5497	5952	5746	5732	3.97	cps
Silicon	28-1	1832144	1828270	1822923	1827779	0.25	cps
Silver	109-1	211298	208577	210174	210016	0.65	cps
Silver	107-1	853617	845314	850563	849831	0.49	cps
Sodium	23-2	1663947	1662192	1624862	1650334	1.34	cps
Strontium	86-1	133263	133971	132112	133115	0.71	cps
Strontium	88-1	1105981	1096734	1102215	1101643	0.42	cps
Sulfur	34-1	631805	630046	634692	632181	0.37	cps
Terbium	159-1	20084819	20209601	20195608	20163343	0.34	cps
Terbium	159-2	9282453	9031208	8919243	9077634	2.05	cps
Thallium	203-1	433452	425269	426327	428349	1.04	cps
Thallium	205-1	1036874	1027478	1017668	1027340	0.93	cps
Tin	118-1	643588	642139	643697	643141	0.14	cps
Titanium	47-1	95056	95634	94376	95022	0.66	cps
Uranium	238-1	1386510	1400248	1375690	1387483	0.89	cps
Vanadium	51-2	91126	90281	88873	90093	1.26	cps
Yttrium	89-1	14432669	14302333	14458521	14397841	0.58	cps
Yttrium	89-2	1995140	1991261	1958442	1981614	1.02	cps
Zinc	66-2	39387	38661	38919	38989	0.94	cps
Zirconium	90-1	623956	620201	621918	622025	0.30	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 16:54:35	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	139542	136613	139962	138705	1.32	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:58:05	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1258070	1255262	1267459	1260264	0.51	cps
Antimony	121-1	8184569	8101351	8041589	8109170	0.89	cps
Arsenic	75-2	269615	265999	270106	268573	0.84	cps
Barium	135-1	9731730	9740629	9616340	9696233	0.72	cps
Barium	137-1	16936394	16981519	16623548	16847154	1.16	cps
Beryllium	9-1	1120705	1125672	1123417	1123265	0.22	cps
Bismuth	209-1	13203827	13152421	13089113	13148454	0.44	cps
Bismuth	209-2	6668448	6730252	7119094	6839265	3.57	cps
Boron	10-1	148497	150920	148183	149200	1.00	cps
Boron	11-1	737581	754231	754411	748741	1.29	cps
Cadmium	111-1	1782919	1775714	1771705	1776779	0.32	cps
Cadmium	106-1	222887	221287	221843	222006	0.37	cps
Cadmium	108-1	144489	143635	144999	144374	0.48	cps
Calcium	43-1	1916401	1937115	1925370	1926295	0.54	cps
Calcium	44-1	31718639	32108553	31857371	31894854	0.62	cps
Chromium	52-2	2250616	2251116	2258836	2253522	0.20	cps
Cobalt	59-2	3724634	3724768	3734553	3727985	0.15	cps
Copper	63-2	5403872	5364155	5427921	5398649	0.60	cps
Dysprosium	156-1	192	208	192	197	4.88	cps
Dysprosium	156-2	57	57	53	56	3.47	cps
Erbium	164-1	108	100	42	83	43.59	cps
Erbium	164-2	30	47	33	37	24.06	cps
Gadolinium	160-1	183	175	175	178	2.71	cps
Gadolinium	160-2	110	70	103	94	22.69	cps
Holmium	165-1	19164319	19072227	19110435	19115660	0.24	cps
Holmium	165-2	9067031	8971553	9217656	9085414	1.37	cps
Indium	115-1	14032295	14057650	14112565	14067503	0.29	cps
Indium	115-2	2566410	2574216	2592144	2577590	0.51	cps
Iron	56-2	95752941	95239649	96420147	95804246	0.62	cps
Iron	57-2	2276108	2282599	2300073	2286260	0.54	cps
Lead	206-1	7234273	7254349	7213588	7234070	0.28	cps
Lead	207-1	6188091	6240939	6199075	6209368	0.45	cps
Lead	208-1	28847111	29032866	28981426	28953801	0.33	cps
Lithium	6-1	1757957	1755072	1767382	1760137	0.37	cps
Magnesium	24-2	15859305	15878435	15946938	15894893	0.29	cps
Manganese	55-2	2489228	2490282	2511699	2497069	0.51	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:58:05	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7015884	7057617	6949521	7007674	0.78	cps
Molybdenum	95-1	3597612	3586981	3574765	3586453	0.32	cps
Molybdenum	96-1	4663453	4656640	4652223	4657439	0.12	cps
Molybdenum	97-1	2253309	2248691	2248134	2250045	0.13	cps
Molybdenum	98-1	6153043	6129633	6145838	6142838	0.20	cps
Neodymium	150-1	667	700	667	678	2.84	cps
Neodymium	150-2	50	53	80	61	26.91	cps
Nickel	60-2	991731	988640	998282	992885	0.50	cps
Phosphorus	31-2	70794	71137	72368	71433	1.16	cps
Potassium	39-2	7899376	7900542	8030122	7943347	0.95	cps
Rhodium	103-1	12758239	12751755	12742660	12750885	0.06	cps
Rhodium	103-2	6068553	6095954	6149683	6104730	0.68	cps
Scandium	45-1	7690289	7711148	7693951	7698463	0.14	cps
Scandium	45-2	363799	362819	367149	364589	0.62	cps
Selenium	77-2	5234	5218	5488	5313	2.85	cps
Selenium	78-2	18084	18033	18323	18147	0.85	cps
Selenium	82-1	114236	115413	114335	114661	0.57	cps
Silicon	28-1	3725952	3727138	3753192	3735427	0.41	cps
Silver	109-1	9483933	9589213	9593867	9555671	0.65	cps
Silver	107-1	38418021	38650666	38808764	38625817	0.51	cps
Sodium	23-2	30543419	30634792	30820727	30666313	0.46	cps
Strontium	86-1	2286290	2316224	2278017	2293511	0.88	cps
Strontium	88-1	20505137	20584728	20403779	20497881	0.44	cps
Sulfur	34-1	1274535	1262844	1260224	1265867	0.60	cps
Terbium	159-1	19619079	19622274	19462415	19567923	0.47	cps
Terbium	159-2	8919339	8945854	8975173	8946789	0.31	cps
Thallium	203-1	8901090	8954621	8864971	8906894	0.51	cps
Thallium	205-1	21003783	21241748	21042523	21096018	0.61	cps
Tin	118-1	6597061	6584747	6586227	6589345	0.10	cps
Titanium	47-1	937708	964848	944300	948952	1.49	cps
Uranium	238-1	30286026	30003592	30272776	30187465	0.53	cps
Vanadium	51-2	1838763	1830850	1849552	1839722	0.51	cps
Yttrium	89-1	13941717	13992461	13961235	13965138	0.18	cps
Yttrium	89-2	1982992	1972431	2004547	1986656	0.82	cps
Zinc	66-2	770717	763343	774057	769372	0.71	cps
Zirconium	90-1	13090950	13204436	13141332	13145573	0.43	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P7
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 16:58:05	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2818924	2821258	2809202	2816461	0.23	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:06:01	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	92	69	30.20	cps
Antimony	121-1	10504	14600	18413	14506	27.27	cps
Arsenic	75-2	74	106	122	101	24.30	cps
Barium	135-1	75	117	108	100	22.05	cps
Barium	137-1	225	192	158	192	17.39	cps
Beryllium	9-1	189	194	172	185	6.24	cps
Bismuth	209-1	13714189	13597119	13325216	13545508	1.47	cps
Bismuth	209-2	7287795	7220722	7109191	7205902	1.25	cps
Boron	10-1	1417	1417	1442	1425	1.01	cps
Boron	11-1	7477	7110	6960	7183	3.70	cps
Cadmium	111-1	490	483	517	497	3.55	cps
Cadmium	106-1	4818	4751	5001	4857	2.67	cps
Cadmium	108-1	13	33	17	21	52.90	cps
Calcium	43-1	292	275	408	325	22.35	cps
Calcium	44-1	10671	11755	11280	11235	4.84	cps
Chromium	52-2	1173	1363	1200	1246	8.26	cps
Cobalt	59-2	157	133	137	142	8.87	cps
Copper	63-2	8336	7986	8052	8125	2.29	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	33	37	30	33	10.01	cps
Gadolinium	160-1	92	117	117	108	13.32	cps
Gadolinium	160-2	70	37	57	54	30.81	cps
Holmium	165-1	19336705	19151352	19214542	19234200	0.49	cps
Holmium	165-2	9013574	9007619	8824559	8948584	1.20	cps
Indium	115-1	14629432	14399678	14485796	14504969	0.80	cps
Indium	115-2	2618521	2620810	2611541	2616957	0.18	cps
Iron	56-2	6707	7002	6780	6830	2.25	cps
Iron	57-2	206	139	167	170	19.66	cps
Lead	206-1	3828	3445	3473	3582	5.97	cps
Lead	207-1	3289	3273	3389	3317	1.90	cps
Lead	208-1	15154	15154	14548	14952	2.34	cps
Lithium	6-1	1814951	1792843	1786436	1798077	0.83	cps
Magnesium	24-2	342	300	258	300	13.89	cps
Manganese	55-2	150	120	157	142	13.73	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:06:01	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	992	1709	1717	1472	28.27	cps
Molybdenum	95-1	1142	1317	1967	1475	29.47	cps
Molybdenum	96-1	1325	1684	2192	1734	25.13	cps
Molybdenum	97-1	542	1117	1292	983	39.90	cps
Molybdenum	98-1	1725	2817	3401	2648	32.12	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	167	217	200	194	13.09	cps
Phosphorus	31-2	308	175	258	247	27.25	cps
Potassium	39-2	43490	44693	44484	44222	1.45	cps
Rhodium	103-1	13414578	13315113	13325283	13351658	0.41	cps
Rhodium	103-2	6306043	6398953	6279687	6328228	0.99	cps
Scandium	45-1	7840328	7789075	7905585	7844996	0.74	cps
Scandium	45-2	363465	363278	364978	363907	0.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	111	119	85	105	16.68	cps
Selenium	82-1	90	-63	29	19	415.31	cps
Silicon	28-1	394415	395540	396696	395550	0.29	cps
Silver	109-1	525	517	567	536	5.00	cps
Silver	107-1	2050	2250	2167	2156	4.66	cps
Sodium	23-2	26649	26424	26950	26675	0.99	cps
Strontium	86-1	5084	5943	5560	5529	7.78	cps
Strontium	88-1	442	475	400	439	8.56	cps
Sulfur	34-1	614067	610668	612695	612477	0.28	cps
Terbium	159-1	19938576	19629521	19589478	19719192	0.97	cps
Terbium	159-2	9037698	8963126	8866153	8955659	0.96	cps
Thallium	203-1	433	425	367	408	8.90	cps
Thallium	205-1	1092	925	1133	1050	10.50	cps
Tin	118-1	1917	1992	2375	2095	11.74	cps
Titanium	47-1	142	183	250	192	28.51	cps
Uranium	238-1	317	200	267	261	22.42	cps
Vanadium	51-2	43	50	37	43	15.38	cps
Yttrium	89-1	14309346	14011416	14006196	14108986	1.23	cps
Yttrium	89-2	1980654	1988025	1972082	1980254	0.40	cps
Zinc	66-2	143	140	197	160	19.87	cps
Zirconium	90-1	1267	1425	1408	1367	6.37	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P7
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:06:01	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	275	392	308	23.56	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:21:48	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	475	108	278	66.59	cps
Antimony	121-1	608	875	925	803	21.21	cps
Arsenic	75-2	56	43	63	54	19.20	cps
Barium	135-1	75	83	108	89	19.52	cps
Barium	137-1	100	142	125	122	17.16	cps
Beryllium	9-1	106	61	83	83	26.67	cps
Bismuth	209-1	37619981	43863036	46310829	42597949	10.52	cps
Bismuth	209-2	16333112	14441739	14055637	14943496	8.16	cps
Boron	10-1	642	508	633	594	12.56	cps
Boron	11-1	2409	2809	2842	2686	8.98	cps
Cadmium	111-1	1030	1272	1302	1201	12.45	cps
Cadmium	106-1	10671	12848	13107	12209	10.96	cps
Cadmium	108-1	42	33	21	32	32.84	cps
Calcium	43-1	217	175	367	253	39.88	cps
Calcium	44-1	10413	10797	11180	10797	3.55	cps
Chromium	52-2	790	680	740	737	7.48	cps
Cobalt	59-2	140	113	153	136	15.02	cps
Copper	63-2	6758	6908	6638	6768	2.00	cps
Dysprosium	156-1	50	25	17	31	56.77	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	183	200	150	178	14.32	cps
Erbium	164-2	40	37	37	38	5.09	cps
Gadolinium	160-1	258	308	308	292	9.90	cps
Gadolinium	160-2	127	97	97	107	16.24	cps
Holmium	165-1	53908037	63341776	65797093	61015635	10.29	cps
Holmium	165-2	20427480	18347469	17745197	18840049	7.47	cps
Indium	115-1	40704658	46454084	49288203	45482315	9.62	cps
Indium	115-2	6097232	5321690	5142842	5520588	9.19	cps
Iron	56-2	8073	8839	7130	8014	10.68	cps
Iron	57-2	167	211	194	191	11.77	cps
Lead	206-1	4201	5007	4495	4568	8.93	cps
Lead	207-1	3790	3512	3978	3760	6.25	cps
Lead	208-1	17194	17410	17766	17457	1.66	cps
Lithium	6-1	5527669	6322018	6698626	6182771	9.67	cps
Magnesium	24-2	342	300	308	317	6.96	cps
Manganese	55-2	103	123	107	111	9.64	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:21:48	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	808	667	842	772	12.03	cps
Molybdenum	95-1	367	283	233	294	22.88	cps
Molybdenum	96-1	450	400	492	447	10.26	cps
Molybdenum	97-1	208	267	267	247	13.62	cps
Molybdenum	98-1	417	575	425	472	18.87	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	270	207	227	234	13.81	cps
Phosphorus	31-2	242	483	300	342	36.91	cps
Potassium	39-2	35761	35836	35610	35736	0.32	cps
Rhodium	103-1	36817591	43447958	44745517	41670355	10.20	cps
Rhodium	103-2	14110024	12969696	12327230	13135650	6.87	cps
Scandium	45-1	21647034	25408581	26507116	24520910	10.39	cps
Scandium	45-2	814891	732999	710756	752882	7.28	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	106	113	124	114	8.16	cps
Selenium	82-1	-236	-162	75	-108	-150.59	cps
Silicon	28-1	347295	335750	368626	350557	4.76	cps
Silver	109-1	308	250	308	289	11.66	cps
Silver	107-1	1325	1258	1533	1372	10.45	cps
Sodium	23-2	20448	20056	20507	20337	1.21	cps
Strontium	86-1	4984	5193	5360	5179	3.63	cps
Strontium	88-1	342	425	392	386	10.86	cps
Sulfur	34-1	454261	462949	467958	461722	1.50	cps
Terbium	159-1	55256563	64761412	67123489	62380488	10.07	cps
Terbium	159-2	20337075	18424419	17601406	18787633	7.47	cps
Thallium	203-1	242	242	308	264	14.59	cps
Thallium	205-1	500	592	642	578	12.44	cps
Tin	118-1	1075	1025	1317	1139	13.70	cps
Titanium	47-1	142	142	208	164	23.49	cps
Uranium	238-1	275	258	342	292	15.12	cps
Vanadium	51-2	33	43	50	42	19.87	cps
Yttrium	89-1	39343071	45517806	48264024	44374967	10.30	cps
Yttrium	89-2	4449635	4053754	3883370	4128920	7.04	cps
Zinc	66-2	163	173	197	178	9.62	cps
Zirconium	90-1	1467	1709	1942	1706	13.93	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	NO VIAL	Instrumnet Name :	P7
Client Sample ID :	NO VIAL	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:21:48	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	300	367	289	29.04	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01RE	Instrumnet Name :	P7
Client Sample ID :	RD-2RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:25:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4243	4284	4651	4393	5.12	cps
Antimony	121-1	20775	23203	25466	23148	10.13	cps
Arsenic	75-2	381	348	383	371	5.34	cps
Barium	135-1	194651	189035	190395	191360	1.53	cps
Barium	137-1	334840	332451	333741	333677	0.36	cps
Beryllium	9-1	117	133	111	120	9.61	cps
Bismuth	209-1	13910197	13795434	13625264	13776965	1.04	cps
Bismuth	209-2	6443915	6462488	6459389	6455264	0.15	cps
Boron	10-1	8119	8786	7902	8269	5.57	cps
Boron	11-1	40998	41608	41600	41402	0.84	cps
Cadmium	111-1	1348	993	1109	1150	15.74	cps
Cadmium	106-1	4851	4551	4634	4679	3.31	cps
Cadmium	108-1	79	108	71	86	22.87	cps
Calcium	43-1	5723652	5784079	5733242	5746991	0.57	cps
Calcium	44-1	91205348	91470425	90541933	91072569	0.53	cps
Chromium	52-2	2717	2587	2564	2623	3.15	cps
Cobalt	59-2	1273	1273	1313	1287	1.79	cps
Copper	63-2	93607	90994	88683	91095	2.70	cps
Dysprosium	156-1	483	517	483	494	3.89	cps
Dysprosium	156-2	190	230	167	196	16.38	cps
Erbium	164-1	467	417	442	442	5.66	cps
Erbium	164-2	223	160	250	211	21.90	cps
Gadolinium	160-1	425	608	475	503	18.85	cps
Gadolinium	160-2	227	273	297	266	13.42	cps
Holmium	165-1	19006713	19009479	19179541	19065244	0.52	cps
Holmium	165-2	8532442	8532521	8646808	8570590	0.77	cps
Indium	115-1	13681348	13684220	13776063	13713877	0.39	cps
Indium	115-2	2342310	2336688	2357141	2345379	0.45	cps
Iron	56-2	997482	999532	1001209	999408	0.19	cps
Iron	57-2	27053	26792	26781	26875	0.57	cps
Lead	206-1	6974	6724	6196	6631	5.99	cps
Lead	207-1	5735	5824	5323	5627	4.74	cps
Lead	208-1	27685	26967	24682	26445	5.93	cps
Lithium	6-1	1690480	1657327	1656487	1668098	1.16	cps
Magnesium	24-2	10449805	10448810	10492424	10463680	0.24	cps
Manganese	55-2	131283	131077	133327	131895	0.94	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01RE	Instrumnet Name :	P7
Client Sample ID :	RD-2RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:25:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5327	4709	5260	5098	6.64	cps
Molybdenum	95-1	4934	4618	4959	4837	3.94	cps
Molybdenum	96-1	5210	5526	6152	5629	8.52	cps
Molybdenum	97-1	3009	3209	3009	3075	3.76	cps
Molybdenum	98-1	7853	7452	8319	7875	5.51	cps
Neodymium	150-1	707	727	460	631	23.53	cps
Neodymium	150-2	343	213	277	278	23.40	cps
Nickel	60-2	2010	2000	2030	2014	0.76	cps
Phosphorus	31-2	392	292	325	336	15.15	cps
Potassium	39-2	292251	286405	293126	290594	1.26	cps
Rhodium	103-1	12116758	12140376	12118439	12125191	0.11	cps
Rhodium	103-2	5454039	5462585	5504988	5473870	0.50	cps
Scandium	45-1	6947430	6937524	6900788	6928581	0.35	cps
Scandium	45-2	308487	307012	311637	309046	0.76	cps
Selenium	77-2	30	37	33	33	10.01	cps
Selenium	78-2	106	78	70	85	21.94	cps
Selenium	82-1	-29	-115	160	5	2701.43	cps
Silicon	28-1	36384686	36143101	35916612	36148133	0.65	cps
Silver	109-1	11030	10421	9053	10168	9.95	cps
Silver	107-1	44269	41542	36588	40800	9.54	cps
Sodium	23-2	5161249	5194417	5222323	5192663	0.59	cps
Strontium	86-1	1184458	1196848	1191988	1191098	0.52	cps
Strontium	88-1	10610442	10639770	10670955	10640389	0.28	cps
Sulfur	34-1	2821398	2826249	2809473	2819040	0.31	cps
Terbium	159-1	19551506	19461546	19439939	19484331	0.30	cps
Terbium	159-2	8588498	8468441	8539156	8532031	0.71	cps
Thallium	203-1	1117	767	600	828	31.86	cps
Thallium	205-1	2650	1934	1575	2053	26.67	cps
Tin	118-1	20841	20925	20658	20808	0.66	cps
Titanium	47-1	1975	2325	2075	2125	8.49	cps
Uranium	238-1	110505	112800	111883	111729	1.03	cps
Vanadium	51-2	2927	2837	3054	2939	3.70	cps
Yttrium	89-1	13042687	13081266	13166630	13096861	0.48	cps
Yttrium	89-2	1756056	1750509	1765878	1757481	0.44	cps
Zinc	66-2	13556	13753	13770	13693	0.87	cps
Zirconium	90-1	5860	6318	6618	6266	6.10	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01RE	Instrumnet Name :	P7
Client Sample ID :	RD-2RE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:25:16	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1408	1333	1650	1464	11.30	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	RD-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:28:45	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4534	4501	4784	4607	3.36	cps
Antimony	121-1	14767	15876	17662	16102	9.07	cps
Arsenic	75-2	396	389	406	397	2.10	cps
Barium	135-1	190451	190487	189364	190100	0.34	cps
Barium	137-1	333387	334342	331269	332999	0.47	cps
Beryllium	9-1	139	178	150	156	12.88	cps
Bismuth	209-1	13461388	13411392	13397394	13423391	0.25	cps
Bismuth	209-2	6367256	6321752	6420528	6369845	0.78	cps
Boron	10-1	8478	8319	8519	8439	1.25	cps
Boron	11-1	40497	40940	40697	40711	0.54	cps
Cadmium	111-1	1001	864	870	912	8.48	cps
Cadmium	106-1	4884	4726	4659	4757	2.43	cps
Cadmium	108-1	50	71	50	57	21.13	cps
Calcium	43-1	5686006	5784481	5734252	5734913	0.86	cps
Calcium	44-1	91431221	91392817	90977733	91267257	0.28	cps
Chromium	52-2	2784	2597	2837	2739	4.60	cps
Cobalt	59-2	1340	1223	1240	1268	4.98	cps
Copper	63-2	77326	76911	76284	76840	0.68	cps
Dysprosium	156-1	525	467	525	506	6.66	cps
Dysprosium	156-2	220	213	197	210	5.72	cps
Erbium	164-1	475	383	408	422	11.22	cps
Erbium	164-2	220	213	183	206	9.50	cps
Gadolinium	160-1	608	483	542	544	11.49	cps
Gadolinium	160-2	277	293	230	267	12.31	cps
Holmium	165-1	18807329	18845617	18960911	18871285	0.42	cps
Holmium	165-2	8601145	8543473	8616274	8586964	0.45	cps
Indium	115-1	13713643	13682948	13689952	13695515	0.12	cps
Indium	115-2	2331363	2333291	2343917	2336190	0.29	cps
Iron	56-2	1004495	1001172	1005842	1003836	0.24	cps
Iron	57-2	27153	29771	27125	28017	5.42	cps
Lead	206-1	5585	5368	5146	5366	4.09	cps
Lead	207-1	4590	4668	4634	4631	0.84	cps
Lead	208-1	21074	21441	20907	21141	1.29	cps
Lithium	6-1	1543429	1537230	1530296	1536985	0.43	cps
Magnesium	24-2	10467933	10504652	10453267	10475284	0.25	cps
Manganese	55-2	131060	132668	131979	131902	0.61	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	RD-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:28:45	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4484	4401	5185	4690	9.19	cps
Molybdenum	95-1	4651	4292	4768	4570	5.42	cps
Molybdenum	96-1	5185	5018	5426	5210	3.94	cps
Molybdenum	97-1	2725	3125	3084	2978	7.39	cps
Molybdenum	98-1	7152	7127	7319	7199	1.45	cps
Neodymium	150-1	773	740	780	764	2.80	cps
Neodymium	150-2	227	277	183	229	20.41	cps
Nickel	60-2	2024	1813	2024	1954	6.21	cps
Phosphorus	31-2	350	283	350	328	11.74	cps
Potassium	39-2	290823	296539	290321	292561	1.18	cps
Rhodium	103-1	12207118	12027149	12072830	12102366	0.77	cps
Rhodium	103-2	5502543	5474529	5499560	5492211	0.28	cps
Scandium	45-1	7013710	7003673	6883344	6966909	1.04	cps
Scandium	45-2	309745	308405	312114	310088	0.61	cps
Selenium	77-2	40	20	43	34	36.64	cps
Selenium	78-2	100	113	80	98	17.23	cps
Selenium	82-1	-126	79	-63	-37	-286.19	cps
Silicon	28-1	35702936	36253210	36019136	35991761	0.77	cps
Silver	109-1	5476	5576	5376	5476	1.83	cps
Silver	107-1	22697	22422	22105	22408	1.32	cps
Sodium	23-2	5193443	5216742	5179209	5196465	0.36	cps
Strontium	86-1	1187629	1197579	1196028	1193746	0.45	cps
Strontium	88-1	10658291	10716573	10684704	10686522	0.27	cps
Sulfur	34-1	2819702	2860106	2843920	2841243	0.72	cps
Terbium	159-1	19365787	19676333	19331744	19457955	0.98	cps
Terbium	159-2	8511808	8437813	8467986	8472535	0.44	cps
Thallium	203-1	400	300	317	339	15.81	cps
Thallium	205-1	750	758	642	717	9.08	cps
Tin	118-1	16853	17804	17829	17495	3.18	cps
Titanium	47-1	2467	2484	2034	2328	10.97	cps
Uranium	238-1	112362	113412	112998	112924	0.47	cps
Vanadium	51-2	3107	3237	3540	3295	6.75	cps
Yttrium	89-1	13268786	13296849	13243331	13269655	0.20	cps
Yttrium	89-2	1759952	1754806	1760313	1758357	0.18	cps
Zinc	66-2	13373	13446	13540	13453	0.62	cps
Zirconium	90-1	5668	5410	5643	5574	2.56	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01DUPRE	Instrumnet Name :	P7
Client Sample ID :	RD-2DUPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:28:45	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1283	1384	1308	1325	3.93	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01LREX5	Instrumnet Name :	P7
Client Sample ID :	RD-2LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 17:32:13	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017	1217	1133	1122	8.97	cps
Antimony	121-1	3434	3667	3776	3626	4.82	cps
Arsenic	75-2	89	94	87	90	4.28	cps
Barium	135-1	41672	42115	40761	41516	1.66	cps
Barium	137-1	72088	73696	71467	72417	1.59	cps
Beryllium	9-1	117	117	133	122	7.87	cps
Bismuth	209-1	13654022	13679002	13689663	13674229	0.13	cps
Bismuth	209-2	6631621	7120784	7049993	6934132	3.81	cps
Boron	10-1	2300	2375	2300	2325	1.86	cps
Boron	11-1	11263	11638	11271	11391	1.88	cps
Cadmium	111-1	588	598	553	580	4.16	cps
Cadmium	106-1	4843	4901	4484	4743	4.76	cps
Cadmium	108-1	25	17	8	17	50.01	cps
Calcium	43-1	1240797	1241068	1227979	1236614	0.60	cps
Calcium	44-1	20603735	20609369	20324747	20512617	0.79	cps
Chromium	52-2	1600	1647	1613	1620	1.48	cps
Cobalt	59-2	367	327	297	330	10.64	cps
Copper	63-2	36305	34928	34781	35338	2.38	cps
Dysprosium	156-1	100	150	83	111	31.23	cps
Dysprosium	156-2	57	50	53	53	6.25	cps
Erbium	164-1	142	108	200	150	30.93	cps
Erbium	164-2	83	43	83	70	33.00	cps
Gadolinium	160-1	100	192	258	183	43.36	cps
Gadolinium	160-2	103	100	113	106	6.58	cps
Holmium	165-1	19882618	19667830	19681318	19743922	0.61	cps
Holmium	165-2	8984350	9051162	8933673	8989729	0.66	cps
Indium	115-1	14424459	14552453	14581350	14519421	0.58	cps
Indium	115-2	2509095	2534988	2522232	2522105	0.51	cps
Iron	56-2	231266	228986	229272	229841	0.54	cps
Iron	57-2	6190	6335	5868	6131	3.90	cps
Lead	206-1	2156	2095	1989	2080	4.05	cps
Lead	207-1	1961	2145	1822	1976	8.18	cps
Lead	208-1	8429	8629	8073	8377	3.36	cps
Lithium	6-1	1623141	1593231	1580948	1599107	1.36	cps
Magnesium	24-2	2355718	2354737	2351617	2354024	0.09	cps
Manganese	55-2	29947	30572	30518	30346	1.14	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01LREX5	Instrumnet Name :	P7
Client Sample ID :	RD-2LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 17:32:13	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1150	1317	1275	1247	6.95	cps
Molybdenum	95-1	1092	1317	1192	1200	9.40	cps
Molybdenum	96-1	1408	1508	1525	1481	4.26	cps
Molybdenum	97-1	833	800	908	847	6.55	cps
Molybdenum	98-1	1850	1800	2209	1953	11.41	cps
Neodymium	150-1	133	207	167	169	21.74	cps
Neodymium	150-2	63	40	50	51	22.90	cps
Nickel	60-2	667	603	640	637	4.99	cps
Phosphorus	31-2	300	217	300	272	17.67	cps
Potassium	39-2	98476	100286	99566	99443	0.92	cps
Rhodium	103-1	13234620	13225902	13084253	13181592	0.64	cps
Rhodium	103-2	6155126	6147921	6131064	6144704	0.20	cps
Scandium	45-1	7551229	7576410	7524753	7550797	0.34	cps
Scandium	45-2	337628	342075	339681	339795	0.66	cps
Selenium	77-2	13	13	0	9	86.60	cps
Selenium	78-2	93	83	98	91	8.19	cps
Selenium	82-1	-1	283	-223	20	1284.39	cps
Silicon	28-1	8499363	8532283	8497220	8509622	0.23	cps
Silver	109-1	2425	2017	2200	2214	9.24	cps
Silver	107-1	9776	8459	8959	9065	7.33	cps
Sodium	23-2	1177527	1183984	1179808	1180440	0.28	cps
Strontium	86-1	268491	263780	266707	266326	0.89	cps
Strontium	88-1	2289077	2281557	2281000	2283878	0.20	cps
Sulfur	34-1	1097192	1098955	1104460	1100202	0.34	cps
Terbium	159-1	20186435	20152047	19953058	20097180	0.63	cps
Terbium	159-2	8914118	8952568	8955373	8940686	0.26	cps
Thallium	203-1	142	150	183	158	13.92	cps
Thallium	205-1	333	325	325	328	1.47	cps
Tin	118-1	2092	2092	1950	2045	4.00	cps
Titanium	47-1	517	600	617	578	9.27	cps
Uranium	238-1	23147	23155	23439	23247	0.72	cps
Vanadium	51-2	883	867	850	867	1.92	cps
Yttrium	89-1	14112097	13974796	14034057	14040317	0.49	cps
Yttrium	89-2	1885402	1893414	1900897	1893237	0.41	cps
Zinc	66-2	3097	3144	3207	3149	1.75	cps
Zirconium	90-1	1934	1667	1900	1834	7.93	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01LREX5	Instrumnet Name :	P7
Client Sample ID :	RD-2LRE	Dilution Factor :	5
Date & Time Acquired ::	2017-05-08 17:32:13	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	383	383	422	15.95	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:35:43	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1096089	1095721	1092184	1094665	0.20	cps
Antimony	121-1	8143912	8227710	8238427	8203350	0.63	cps
Arsenic	75-2	250650	250917	251793	251120	0.24	cps
Barium	135-1	10076427	10135593	10126608	10112876	0.32	cps
Barium	137-1	17476094	17502324	17601946	17526788	0.38	cps
Beryllium	9-1	969625	960695	968633	966318	0.51	cps
Bismuth	209-1	13070709	12731204	13035069	12945661	1.44	cps
Bismuth	209-2	6195594	6196678	6263322	6218532	0.62	cps
Boron	10-1	281015	277636	283107	280586	0.98	cps
Boron	11-1	1375800	1371044	1403560	1383468	1.27	cps
Cadmium	111-1	1718639	1698015	1735595	1717416	1.10	cps
Cadmium	106-1	210060	210077	211286	210474	0.33	cps
Cadmium	108-1	139217	139099	139427	139248	0.12	cps
Calcium	43-1	7612555	7530125	7562254	7568311	0.55	cps
Calcium	44-1	119744799	119223549	120934549	119967632	0.73	cps
Chromium	52-2	2092319	2091096	2093031	2092149	0.05	cps
Cobalt	59-2	3439107	3461307	3453700	3451371	0.33	cps
Copper	63-2	5207530	5246827	5220953	5225103	0.38	cps
Dysprosium	156-1	858	667	775	767	12.54	cps
Dysprosium	156-2	187	247	250	228	15.65	cps
Erbium	164-1	8753	9220	8953	8976	2.61	cps
Erbium	164-2	3941	3917	4347	4068	5.95	cps
Gadolinium	160-1	1267	1183	1433	1295	9.83	cps
Gadolinium	160-2	510	610	663	594	13.10	cps
Holmium	165-1	18487867	18413037	18783402	18561435	1.06	cps
Holmium	165-2	8418349	8401203	8481639	8433730	0.50	cps
Indium	115-1	12862501	12681642	13011986	12852043	1.29	cps
Indium	115-2	2203198	2209478	2224913	2212530	0.51	cps
Iron	56-2	90279260	89959341	91182063	90473555	0.70	cps
Iron	57-2	2164922	2168933	2170060	2167971	0.12	cps
Lead	206-1	7790927	7850637	7931639	7857734	0.90	cps
Lead	207-1	6223662	6157510	6260985	6214052	0.84	cps
Lead	208-1	30233109	29988347	30466670	30229375	0.79	cps
Lithium	6-1	1472094	1455171	1456961	1461409	0.64	cps
Magnesium	24-2	24907168	24788641	24761914	24819241	0.31	cps
Manganese	55-2	2385615	2390784	2400121	2392173	0.31	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:35:43	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9000362	8996384	8996588	8997778	0.02	cps
Molybdenum	95-1	7458757	7485874	7510355	7484995	0.34	cps
Molybdenum	96-1	9069009	9051343	9109798	9076717	0.33	cps
Molybdenum	97-1	4530856	4547953	4537587	4538799	0.19	cps
Molybdenum	98-1	12361580	12404210	12444692	12403494	0.34	cps
Neodymium	150-1	1333	1220	1513	1356	10.91	cps
Neodymium	150-2	273	293	240	269	10.02	cps
Nickel	60-2	921869	927979	930301	926717	0.47	cps
Phosphorus	31-2	400	325	317	347	13.22	cps
Potassium	39-2	7287678	7296663	7217746	7267362	0.59	cps
Rhodium	103-1	11815417	11681944	11730873	11742745	0.58	cps
Rhodium	103-2	5321028	5383592	5356876	5353832	0.59	cps
Scandium	45-1	6865825	6853338	6895031	6871398	0.31	cps
Scandium	45-2	309924	307009	310101	309012	0.56	cps
Selenium	77-2	4761	4641	4881	4761	2.52	cps
Selenium	78-2	16463	16244	16389	16365	0.68	cps
Selenium	82-1	114479	113060	113210	113583	0.69	cps
Silicon	28-1	40062051	39533978	40110125	39902051	0.80	cps
Silver	109-1	4306377	4300902	4334585	4313955	0.42	cps
Silver	107-1	17402026	17392922	17527142	17440697	0.43	cps
Sodium	23-2	33314585	33398870	33142618	33285358	0.39	cps
Strontium	86-1	3448353	3448229	3439355	3445312	0.15	cps
Strontium	88-1	30747531	30546916	31092609	30795685	0.90	cps
Sulfur	34-1	2770010	2728260	2769351	2755874	0.87	cps
Terbium	159-1	18924393	19009276	19072964	19002211	0.39	cps
Terbium	159-2	8334915	8283626	8400334	8339625	0.70	cps
Thallium	203-1	9071288	9110763	9195556	9125869	0.70	cps
Thallium	205-1	21634091	21468092	21847234	21649805	0.88	cps
Tin	118-1	12962335	12956141	13162034	13026837	0.90	cps
Titanium	47-1	1771549	1763035	1766022	1766868	0.24	cps
Uranium	238-1	31665269	31361034	32150684	31725663	1.26	cps
Vanadium	51-2	1672095	1672893	1672867	1672618	0.03	cps
Yttrium	89-1	13112074	12895986	12978586	12995549	0.84	cps
Yttrium	89-2	1731066	1733399	1740383	1734949	0.28	cps
Zinc	66-2	710608	717612	717368	715196	0.56	cps
Zirconium	90-1	12616184	12487833	12580375	12561464	0.53	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:35:43	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2714174	2686238	2710140	2703517	0.56	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSDRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:39:07	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100247	1111100	1084639	1098662	1.21	cps
Antimony	121-1	8253324	8232594	8206163	8230694	0.29	cps
Arsenic	75-2	248433	250851	250946	250077	0.57	cps
Barium	135-1	10204287	10178774	10109700	10164254	0.48	cps
Barium	137-1	17679880	17914198	17502809	17698963	1.17	cps
Beryllium	9-1	971689	967992	968204	969295	0.21	cps
Bismuth	209-1	12892884	13123368	12755424	12923892	1.44	cps
Bismuth	209-2	6148835	6177265	6150853	6158984	0.26	cps
Boron	10-1	284288	290646	287870	287601	1.11	cps
Boron	11-1	1413930	1415081	1424731	1417914	0.42	cps
Cadmium	111-1	1719966	1733484	1735983	1729811	0.50	cps
Cadmium	106-1	213375	215055	208266	212232	1.67	cps
Cadmium	108-1	140661	140143	138617	139807	0.76	cps
Calcium	43-1	7607861	7564066	7557142	7576357	0.36	cps
Calcium	44-1	120937640	120931890	119179786	120349772	0.84	cps
Chromium	52-2	2091007	2084801	2092341	2089383	0.19	cps
Cobalt	59-2	3432390	3439907	3442545	3438281	0.15	cps
Copper	63-2	5181823	5199622	5186827	5189424	0.18	cps
Dysprosium	156-1	717	692	775	728	5.88	cps
Dysprosium	156-2	233	267	180	227	19.29	cps
Erbium	164-1	9737	9445	9704	9629	1.66	cps
Erbium	164-2	3994	4241	4024	4086	3.30	cps
Gadolinium	160-1	1350	1292	1275	1306	3.02	cps
Gadolinium	160-2	573	804	597	658	19.26	cps
Holmium	165-1	18767454	18955742	18782177	18835124	0.56	cps
Holmium	165-2	8540046	8392722	8393088	8441952	1.01	cps
Indium	115-1	12985328	12941753	12803841	12910307	0.73	cps
Indium	115-2	2212264	2219096	2206538	2212633	0.28	cps
Iron	56-2	90453971	90426471	90320069	90400171	0.08	cps
Iron	57-2	2167417	2168859	2161362	2165879	0.18	cps
Lead	206-1	7976063	8003057	7963293	7980804	0.25	cps
Lead	207-1	6252901	6256364	6299869	6269711	0.42	cps
Lead	208-1	30605007	30707355	30758697	30690353	0.25	cps
Lithium	6-1	1458092	1455565	1452577	1455411	0.19	cps
Magnesium	24-2	24557976	24677175	24533296	24589482	0.31	cps
Manganese	55-2	2387134	2386000	2377366	2383500	0.22	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSDRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:39:07	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9096719	9044170	9090607	9077165	0.32	cps
Molybdenum	95-1	7666545	7531786	7554079	7584137	0.95	cps
Molybdenum	96-1	9210805	9186268	9149024	9182032	0.34	cps
Molybdenum	97-1	4565700	4557601	4571145	4564815	0.15	cps
Molybdenum	98-1	12434685	12484342	12397697	12438908	0.35	cps
Neodymium	150-1	1247	1533	1280	1353	11.58	cps
Neodymium	150-2	293	297	297	296	0.65	cps
Nickel	60-2	922701	928345	926501	925849	0.31	cps
Phosphorus	31-2	258	425	333	339	24.63	cps
Potassium	39-2	7246581	7295554	7180769	7240968	0.80	cps
Rhodium	103-1	11765799	11910737	11784970	11820502	0.67	cps
Rhodium	103-2	5331751	5358033	5339997	5343260	0.25	cps
Scandium	45-1	6879094	6892755	6755558	6842469	1.10	cps
Scandium	45-2	306086	306475	306598	306386	0.09	cps
Selenium	77-2	4808	4708	4718	4744	1.16	cps
Selenium	78-2	16628	16183	16220	16344	1.51	cps
Selenium	82-1	113724	113967	113904	113865	0.11	cps
Silicon	28-1	40080808	39773270	39853870	39902649	0.40	cps
Silver	109-1	4336475	4348582	4316093	4333717	0.38	cps
Silver	107-1	17533293	17570126	17423174	17508864	0.44	cps
Sodium	23-2	33266742	33730681	33053421	33350281	1.04	cps
Strontium	86-1	3435817	3459763	3422579	3439387	0.55	cps
Strontium	88-1	30906995	31028372	30572586	30835984	0.77	cps
Sulfur	34-1	2760420	2740493	2718850	2739921	0.76	cps
Terbium	159-1	19149509	19023158	19055175	19075947	0.34	cps
Terbium	159-2	8363745	8346747	8389814	8366769	0.26	cps
Thallium	203-1	9240599	9280084	9226321	9249001	0.30	cps
Thallium	205-1	21993754	21760427	21879404	21877861	0.53	cps
Tin	118-1	13133605	13308004	13182181	13207930	0.68	cps
Titanium	47-1	1773312	1779915	1752792	1768673	0.80	cps
Uranium	238-1	31525491	32423650	32135139	32028093	1.43	cps
Vanadium	51-2	1670066	1667023	1668288	1668459	0.09	cps
Yttrium	89-1	12951066	12943586	12919714	12938122	0.13	cps
Yttrium	89-2	1737525	1749916	1733873	1740438	0.48	cps
Zinc	66-2	711150	709368	710847	710455	0.13	cps
Zirconium	90-1	12589436	12552334	12557535	12566435	0.16	cps

Reviewed By:jaswal
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LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01MSDRE	Instrumnet Name :	P7
Client Sample ID :	RD-2MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:39:07	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2705317	2713506	2711928	2710250	0.16	cps

Reviewed By:jaswal
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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01ARE	Instrumnet Name :	P7
Client Sample ID :	RD-2ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:42:32	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1101393	1117679	1105979	1108350	0.76	cps
Antimony	121-1	8317998	8313962	8293686	8308549	0.16	cps
Arsenic	75-2	252656	254706	252915	253426	0.44	cps
Barium	135-1	10201780	10295077	10189409	10228755	0.56	cps
Barium	137-1	17767444	17976353	17753650	17832482	0.70	cps
Beryllium	9-1	977966	984135	974541	978881	0.50	cps
Bismuth	209-1	12967504	13052233	12829343	12949693	0.87	cps
Bismuth	209-2	6106239	6172207	6197545	6158663	0.77	cps
Boron	10-1	291116	295177	292484	292926	0.71	cps
Boron	11-1	1428360	1445731	1440893	1438328	0.62	cps
Cadmium	111-1	1740094	1737916	1729866	1735959	0.31	cps
Cadmium	106-1	212487	213052	213392	212977	0.21	cps
Cadmium	108-1	142150	141060	141982	141730	0.41	cps
Calcium	43-1	7634010	7615687	7578213	7609303	0.37	cps
Calcium	44-1	121951403	122110144	121533053	121864867	0.24	cps
Chromium	52-2	2103956	2121132	2109268	2111452	0.42	cps
Cobalt	59-2	3472375	3491624	3499907	3487969	0.40	cps
Copper	63-2	5242111	5284638	5252689	5259813	0.42	cps
Dysprosium	156-1	708	725	958	797	17.53	cps
Dysprosium	156-2	260	243	297	267	10.23	cps
Erbium	164-1	9395	9112	9395	9301	1.76	cps
Erbium	164-2	4084	4237	4367	4230	3.35	cps
Gadolinium	160-1	1233	1442	1300	1325	8.03	cps
Gadolinium	160-2	653	587	570	603	7.31	cps
Holmium	165-1	18832888	18855353	18781747	18823329	0.20	cps
Holmium	165-2	8415786	8452584	8443540	8437303	0.23	cps
Indium	115-1	12919891	12976992	12939143	12945342	0.22	cps
Indium	115-2	2203297	2218851	2237048	2219732	0.76	cps
Iron	56-2	91695541	91826891	91123402	91548611	0.41	cps
Iron	57-2	2188025	2205090	2185032	2192716	0.49	cps
Lead	206-1	8001966	8059232	8092586	8051261	0.57	cps
Lead	207-1	6330137	6350443	6352065	6344215	0.19	cps
Lead	208-1	30751797	30931121	31029228	30904049	0.46	cps
Lithium	6-1	1445983	1453536	1441732	1447083	0.41	cps
Magnesium	24-2	25025073	25106281	24899121	25010159	0.42	cps
Manganese	55-2	2407475	2432409	2418919	2419601	0.52	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01ARE	Instrumnet Name :	P7
Client Sample ID :	RD-2ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:42:32	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9048953	9087114	9181356	9105808	0.75	cps
Molybdenum	95-1	7632207	7627574	7630917	7630233	0.03	cps
Molybdenum	96-1	9152519	9314411	9227854	9231595	0.88	cps
Molybdenum	97-1	4569950	4626884	4584111	4593648	0.65	cps
Molybdenum	98-1	12398984	12546065	12538157	12494402	0.66	cps
Neodymium	150-1	1307	1380	1293	1327	3.52	cps
Neodymium	150-2	323	293	277	298	7.94	cps
Nickel	60-2	935736	936025	934029	935263	0.12	cps
Phosphorus	31-2	325	308	325	319	3.01	cps
Potassium	39-2	7339366	7396274	7307155	7347598	0.61	cps
Rhodium	103-1	11685953	11844820	11800152	11776975	0.70	cps
Rhodium	103-2	5354827	5400535	5387066	5380809	0.44	cps
Scandium	45-1	6891522	7011566	6857315	6920134	1.17	cps
Scandium	45-2	307461	311869	309532	309621	0.71	cps
Selenium	77-2	4951	5011	4788	4916	2.35	cps
Selenium	78-2	16882	16561	16602	16682	1.05	cps
Selenium	82-1	114652	114949	114885	114829	0.14	cps
Silicon	28-1	40467313	40026192	39743821	40079109	0.91	cps
Silver	109-1	4413371	4392776	4375307	4393818	0.43	cps
Silver	107-1	17783460	17738153	17649433	17723682	0.38	cps
Sodium	23-2	33517492	33952693	33442218	33637468	0.82	cps
Strontium	86-1	3467891	3500307	3452588	3473596	0.70	cps
Strontium	88-1	31021408	31620611	30882978	31174999	1.26	cps
Sulfur	34-1	2763805	2754979	2731182	2749989	0.61	cps
Terbium	159-1	19195441	19203456	19037853	19145583	0.49	cps
Terbium	159-2	8511054	8386779	8391414	8429749	0.84	cps
Thallium	203-1	9177784	9251769	9320186	9249913	0.77	cps
Thallium	205-1	21975063	22191291	22094708	22087021	0.49	cps
Tin	118-1	13231709	13238013	13201233	13223651	0.15	cps
Titanium	47-1	1782764	1806057	1775231	1788017	0.90	cps
Uranium	238-1	32202482	32121912	32147984	32157459	0.13	cps
Vanadium	51-2	1685061	1690043	1692606	1689237	0.23	cps
Yttrium	89-1	12962978	13206945	13005903	13058608	1.00	cps
Yttrium	89-2	1740462	1746696	1755141	1747433	0.42	cps
Zinc	66-2	721658	725598	724674	723976	0.28	cps
Zirconium	90-1	12700950	12814700	12570342	12695331	0.96	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I2979-01ARE	Instrumnet Name :	P7
Client Sample ID :	RD-2ARE	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:42:32	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2733456	2744808	2721658	2733308	0.42	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:45:56	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1138668	1132028	1141195	1137297	0.42	cps
Antimony	121-1	7913242	7750179	7747523	7803648	1.22	cps
Arsenic	75-2	253652	252527	254388	253522	0.37	cps
Barium	135-1	9507796	9471094	9457800	9478897	0.27	cps
Barium	137-1	16509959	16378154	16541355	16476489	0.53	cps
Beryllium	9-1	1025245	1015533	1014588	1018455	0.58	cps
Bismuth	209-1	13265061	13084757	13104952	13151590	0.75	cps
Bismuth	209-2	6504293	6494942	6587801	6529012	0.78	cps
Boron	10-1	146418	144659	146420	145833	0.70	cps
Boron	11-1	728912	729911	738501	732442	0.72	cps
Cadmium	111-1	1729402	1710990	1718971	1719788	0.54	cps
Cadmium	106-1	213678	212032	212502	212738	0.40	cps
Cadmium	108-1	139866	137779	139019	138888	0.76	cps
Calcium	43-1	1834450	1817207	1819591	1823749	0.51	cps
Calcium	44-1	30172027	30060209	30032264	30088167	0.25	cps
Chromium	52-2	2123022	2117435	2125703	2122053	0.20	cps
Cobalt	59-2	3536208	3524859	3523417	3528161	0.20	cps
Copper	63-2	5132855	5091541	5144300	5122899	0.54	cps
Dysprosium	156-1	242	175	225	214	16.22	cps
Dysprosium	156-2	37	60	47	48	24.50	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	30	40	27	32	21.53	cps
Gadolinium	160-1	175	208	208	197	9.76	cps
Gadolinium	160-2	110	83	60	84	29.63	cps
Holmium	165-1	19387823	19038371	18931691	19119295	1.25	cps
Holmium	165-2	8895195	8789367	8895540	8860034	0.69	cps
Indium	115-1	13881318	13678208	13807896	13789141	0.75	cps
Indium	115-2	2454884	2474796	2470097	2466592	0.42	cps
Iron	56-2	89830194	89783058	89664816	89759356	0.09	cps
Iron	57-2	2151966	2144969	2137917	2144950	0.33	cps
Lead	206-1	7240355	7152056	7112701	7168371	0.91	cps
Lead	207-1	6137111	6099779	6131732	6122874	0.33	cps
Lead	208-1	28895611	28507441	28603485	28668846	0.71	cps
Lithium	6-1	1576918	1596568	1583071	1585519	0.63	cps
Magnesium	24-2	14633114	14667493	14818894	14706500	0.67	cps
Manganese	55-2	2337483	2325020	2336196	2332899	0.29	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:45:56	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6858329	6784376	6738586	6793764	0.89	cps
Molybdenum	95-1	3510343	3450943	3470165	3477150	0.87	cps
Molybdenum	96-1	4534435	4492851	4500281	4509189	0.49	cps
Molybdenum	97-1	2190859	2168556	2170198	2176538	0.57	cps
Molybdenum	98-1	6044458	5904305	5921056	5956606	1.28	cps
Neodymium	150-1	713	593	547	618	13.92	cps
Neodymium	150-2	57	53	60	57	5.89	cps
Nickel	60-2	940723	938342	938103	939056	0.15	cps
Phosphorus	31-2	64474	64766	65235	64825	0.59	cps
Potassium	39-2	7313906	7276276	7296142	7295441	0.26	cps
Rhodium	103-1	12535189	12507268	12378890	12473782	0.67	cps
Rhodium	103-2	5681809	5703703	5705417	5696976	0.23	cps
Scandium	45-1	7431716	7356132	7359984	7382611	0.58	cps
Scandium	45-2	339785	341037	341224	340682	0.23	cps
Selenium	77-2	5034	4958	4964	4985	0.85	cps
Selenium	78-2	16669	16274	16751	16564	1.54	cps
Selenium	82-1	110094	110613	109229	109979	0.64	cps
Silicon	28-1	3446174	3443178	4319545	3736299	13.52	cps
Silver	109-1	9243333	9312961	9284179	9280157	0.38	cps
Silver	107-1	37388918	37438624	37436590	37421377	0.08	cps
Sodium	23-2	28357395	28050183	28447741	28285107	0.74	cps
Strontium	86-1	2212554	2207024	2194562	2204713	0.42	cps
Strontium	88-1	19830119	19623177	19691170	19714822	0.54	cps
Sulfur	34-1	1164745	1151400	1158987	1158377	0.58	cps
Terbium	159-1	19478223	19609917	19151691	19413277	1.22	cps
Terbium	159-2	8781879	8810797	8774700	8789125	0.22	cps
Thallium	203-1	8876161	8743337	8685496	8768331	1.11	cps
Thallium	205-1	20867330	20853121	20650034	20790162	0.58	cps
Tin	118-1	6551779	6403299	6431571	6462216	1.22	cps
Titanium	47-1	897885	886713	887042	890547	0.71	cps
Uranium	238-1	30436330	29995898	30065881	30166036	0.78	cps
Vanadium	51-2	1724877	1713017	1722109	1720001	0.36	cps
Yttrium	89-1	13725135	13750230	13562468	13679278	0.75	cps
Yttrium	89-2	1892602	1898588	1896694	1895961	0.16	cps
Zinc	66-2	724360	721014	722338	722571	0.23	cps
Zirconium	90-1	12604169	12736325	12597327	12645940	0.62	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P7
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:45:56	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2724879	2712570	2727852	2721767	0.30	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:53:52	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	50	100	75	33.33	cps
Antimony	121-1	10096	13632	17270	13666	26.25	cps
Arsenic	75-2	126	94	113	111	14.24	cps
Barium	135-1	117	150	133	133	12.50	cps
Barium	137-1	333	150	183	222	43.94	cps
Beryllium	9-1	261	272	322	285	11.41	cps
Bismuth	209-1	13735549	13697381	13702092	13711674	0.15	cps
Bismuth	209-2	7269425	7248697	6750632	7089584	4.14	cps
Boron	10-1	4009	3717	4259	3995	6.79	cps
Boron	11-1	18537	17694	18795	18342	3.14	cps
Cadmium	111-1	564	488	522	525	7.32	cps
Cadmium	106-1	5059	4501	5009	4857	6.36	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Calcium	43-1	408	400	292	367	17.75	cps
Calcium	44-1	11613	11205	11430	11416	1.79	cps
Chromium	52-2	1330	1287	1343	1320	2.24	cps
Cobalt	59-2	140	157	130	142	9.47	cps
Copper	63-2	10317	10858	10707	10627	2.62	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	17	13	13	14	13.35	cps
Erbium	164-1	25	83	67	58	51.51	cps
Erbium	164-2	17	27	20	21	24.12	cps
Gadolinium	160-1	108	67	133	103	32.77	cps
Gadolinium	160-2	37	67	63	56	29.59	cps
Holmium	165-1	19402773	19349694	19514475	19422314	0.43	cps
Holmium	165-2	9085013	9153932	8932368	9057104	1.25	cps
Indium	115-1	14665672	14576559	14483412	14575214	0.63	cps
Indium	115-2	2615956	2611831	2624731	2617506	0.25	cps
Iron	56-2	6807	7296	7686	7263	6.06	cps
Iron	57-2	178	189	139	169	15.58	cps
Lead	206-1	3289	3689	3645	3541	6.19	cps
Lead	207-1	3128	3084	2962	3058	2.82	cps
Lead	208-1	13959	14298	14209	14155	1.24	cps
Lithium	6-1	1705939	1699432	1705965	1703779	0.22	cps
Magnesium	24-2	400	317	517	411	24.44	cps
Manganese	55-2	130	140	100	123	16.88	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:53:52	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1192	1483	1959	1545	25.06	cps
Molybdenum	95-1	1492	1809	2567	1956	28.25	cps
Molybdenum	96-1	1709	2392	2667	2256	21.88	cps
Molybdenum	97-1	958	1108	1625	1231	28.42	cps
Molybdenum	98-1	2400	2892	3984	3092	26.22	cps
Neodymium	150-1	0	33	7	13	132.27	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	227	220	257	234	8.33	cps
Phosphorus	31-2	242	225	200	222	9.44	cps
Potassium	39-2	44685	45654	45036	45125	1.09	cps
Rhodium	103-1	13286420	13429363	13353736	13356506	0.54	cps
Rhodium	103-2	6396945	6336505	6357392	6363614	0.48	cps
Scandium	45-1	7748627	7882227	7717887	7782913	1.12	cps
Scandium	45-2	360519	364161	363413	362698	0.53	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	93	109	93	98	9.81	cps
Selenium	82-1	-105	-49	-234	-129	-73.61	cps
Silicon	28-1	391762	389417	391658	390946	0.34	cps
Silver	109-1	775	817	800	797	2.63	cps
Silver	107-1	3309	3384	3309	3334	1.30	cps
Sodium	23-2	28119	27276	27476	27623	1.59	cps
Strontium	86-1	5593	5768	5184	5515	5.43	cps
Strontium	88-1	542	617	575	578	6.50	cps
Sulfur	34-1	580700	590168	592215	587694	1.05	cps
Terbium	159-1	20018226	19819460	19904833	19914173	0.50	cps
Terbium	159-2	8979236	8952632	9042290	8991386	0.51	cps
Thallium	203-1	583	667	625	625	6.67	cps
Thallium	205-1	1542	1617	1784	1647	7.51	cps
Tin	118-1	2134	2084	2434	2217	8.54	cps
Titanium	47-1	117	117	117	117	0.00	cps
Uranium	238-1	375	367	350	364	3.50	cps
Vanadium	51-2	73	77	80	77	4.35	cps
Yttrium	89-1	14121526	14150453	14166381	14146120	0.16	cps
Yttrium	89-2	1993850	1983074	1991932	1989619	0.29	cps
Zinc	66-2	243	277	230	250	9.61	cps
Zirconium	90-1	1183	1484	1400	1356	11.43	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P7
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 17:53:52	DataFile Name :	085CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	458	350	367	23.07	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 17:57:22	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61896	64674	63779	63450	2.24	cps
Antimony	121-1	404290	410397	408574	407754	0.77	cps
Arsenic	75-2	14183	13935	13927	14015	1.04	cps
Barium	135-1	481075	478308	475031	478138	0.63	cps
Barium	137-1	841340	838986	835051	838459	0.38	cps
Beryllium	9-1	55842	55613	56221	55892	0.55	cps
Bismuth	209-1	13220329	13164309	13289316	13224651	0.47	cps
Bismuth	209-2	7114000	6653008	7112722	6959910	3.82	cps
Boron	10-1	18420	18946	17703	18356	3.40	cps
Boron	11-1	89112	90999	89941	90017	1.05	cps
Cadmium	111-1	90791	91275	90933	91000	0.27	cps
Cadmium	106-1	15826	16360	15935	16040	1.76	cps
Cadmium	108-1	7485	7102	6927	7171	3.98	cps
Calcium	43-1	117195	114752	112719	114888	1.95	cps
Calcium	44-1	1865341	1864019	1862756	1864039	0.07	cps
Chromium	52-2	117218	116952	118814	117661	0.86	cps
Cobalt	59-2	190246	191180	192662	191363	0.64	cps
Copper	63-2	297323	299441	295459	297408	0.67	cps
Dysprosium	156-1	67	50	50	56	17.32	cps
Dysprosium	156-2	23	17	13	18	28.64	cps
Erbium	164-1	542	617	458	539	14.70	cps
Erbium	164-2	190	210	240	213	11.80	cps
Gadolinium	160-1	183	133	175	164	16.34	cps
Gadolinium	160-2	57	93	97	82	26.99	cps
Holmium	165-1	19140993	19421588	19108553	19223711	0.90	cps
Holmium	165-2	8965643	8974421	9040553	8993539	0.46	cps
Indium	115-1	14289213	14325534	14243370	14286039	0.29	cps
Indium	115-2	2575184	2597395	2591953	2588177	0.45	cps
Iron	56-2	5097103	5098670	5123779	5106517	0.29	cps
Iron	57-2	125079	127163	125583	125941	0.86	cps
Lead	206-1	371404	376661	376381	374815	0.79	cps
Lead	207-1	310200	314614	312851	312555	0.71	cps
Lead	208-1	1455542	1473383	1463736	1464220	0.61	cps
Lithium	6-1	1678473	1675474	1659770	1671239	0.60	cps
Magnesium	24-2	824705	829290	830590	828195	0.37	cps
Manganese	55-2	146200	145723	146645	146190	0.32	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 17:57:22	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	441035	440664	441770	441156	0.13	cps
Molybdenum	95-1	365481	367820	360140	364480	1.08	cps
Molybdenum	96-1	429864	433481	428430	430592	0.60	cps
Molybdenum	97-1	228562	228552	227436	228183	0.28	cps
Molybdenum	98-1	592475	594677	596601	594585	0.35	cps
Neodymium	150-1	87	53	47	62	34.44	cps
Neodymium	150-2	7	17	27	17	59.99	cps
Nickel	60-2	53270	52276	52831	52793	0.94	cps
Phosphorus	31-2	258	317	317	297	11.33	cps
Potassium	39-2	489957	485975	487740	487891	0.41	cps
Rhodium	103-1	13145147	13240070	13233168	13206129	0.40	cps
Rhodium	103-2	6324552	6294792	6298141	6305828	0.26	cps
Scandium	45-1	7594679	7732832	7590233	7639248	1.06	cps
Scandium	45-2	356608	355654	360259	357507	0.68	cps
Selenium	77-2	280	283	257	273	5.32	cps
Selenium	78-2	1006	1074	954	1011	5.97	cps
Selenium	82-1	5596	5925	5990	5837	3.62	cps
Silicon	28-1	1808336	1826657	1802687	1812560	0.69	cps
Silver	109-1	211933	211814	212153	211967	0.08	cps
Silver	107-1	855281	858026	856044	856450	0.17	cps
Sodium	23-2	1662300	1659492	1665848	1662547	0.19	cps
Strontium	86-1	133020	134769	132296	133362	0.95	cps
Strontium	88-1	1106785	1123672	1103265	1111241	0.98	cps
Sulfur	34-1	594695	595945	588732	593124	0.65	cps
Terbium	159-1	19410583	19635054	19526926	19524188	0.57	cps
Terbium	159-2	8947887	8870700	8988252	8935613	0.67	cps
Thallium	203-1	430806	430089	431886	430927	0.21	cps
Thallium	205-1	1032432	1028152	1035110	1031898	0.34	cps
Tin	118-1	646031	646113	646721	646288	0.06	cps
Titanium	47-1	93395	97379	95500	95424	2.09	cps
Uranium	238-1	1374470	1398582	1377801	1383618	0.94	cps
Vanadium	51-2	91447	91441	92836	91908	0.87	cps
Yttrium	89-1	13944821	14016062	13942387	13967757	0.30	cps
Yttrium	89-2	1966728	1958139	1971004	1965290	0.33	cps
Zinc	66-2	40115	40155	40072	40114	0.10	cps
Zirconium	90-1	621985	627192	620895	623357	0.54	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-05ADLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0012ADL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 17:57:22	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	140121	138716	138517	139118	0.63	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:00:51	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	125	125	111	21.65	cps
Antimony	121-1	2875	3651	3967	3498	16.06	cps
Arsenic	75-2	78	81	128	96	29.12	cps
Barium	135-1	775	683	800	753	8.16	cps
Barium	137-1	1383	1542	1425	1450	5.66	cps
Beryllium	9-1	161	278	200	213	27.89	cps
Bismuth	209-1	13400191	13441599	13501643	13447811	0.38	cps
Bismuth	209-2	7171147	7202973	7126818	7166979	0.53	cps
Boron	10-1	2792	2625	2484	2634	5.86	cps
Boron	11-1	13348	13223	13281	13284	0.47	cps
Cadmium	111-1	576	514	519	537	6.39	cps
Cadmium	106-1	5260	4893	4943	5032	3.95	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	19889	18946	19046	19294	2.68	cps
Calcium	44-1	324858	321459	317329	321215	1.17	cps
Chromium	52-2	1330	1403	1413	1382	3.29	cps
Cobalt	59-2	147	193	153	164	15.35	cps
Copper	63-2	14007	13463	13513	13661	2.20	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	42	42	39	12.37	cps
Erbium	164-2	20	43	10	24	69.97	cps
Gadolinium	160-1	92	133	125	117	18.90	cps
Gadolinium	160-2	50	33	77	53	40.99	cps
Holmium	165-1	19530966	19366763	19108123	19335284	1.10	cps
Holmium	165-2	9011033	9026020	9050094	9029049	0.22	cps
Indium	115-1	14503433	14477026	14347515	14442658	0.58	cps
Indium	115-2	2598061	2617841	2606211	2607371	0.38	cps
Iron	56-2	7513	7524	7346	7461	1.34	cps
Iron	57-2	161	156	172	163	5.21	cps
Lead	206-1	2361	2300	2373	2345	1.66	cps
Lead	207-1	2161	2028	1950	2047	5.22	cps
Lead	208-1	9746	9513	9307	9522	2.31	cps
Lithium	6-1	1689630	1695134	1705472	1696745	0.47	cps
Magnesium	24-2	6060	5826	5426	5771	5.55	cps
Manganese	55-2	3554	3637	3651	3614	1.45	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:00:51	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1350	1517	1867	1578	16.71	cps
Molybdenum	95-1	1125	1784	1825	1578	24.89	cps
Molybdenum	96-1	1317	1542	2175	1678	26.53	cps
Molybdenum	97-1	825	958	1083	956	13.52	cps
Molybdenum	98-1	1709	2667	3201	2525	29.94	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	290	320	207	272	21.57	cps
Phosphorus	31-2	317	208	150	225	37.59	cps
Potassium	39-2	110443	112113	112281	111612	0.91	cps
Rhodium	103-1	13241282	13347951	13166489	13251908	0.69	cps
Rhodium	103-2	6335846	6400498	6364726	6367023	0.51	cps
Scandium	45-1	7833878	7741674	7651796	7742449	1.18	cps
Scandium	45-2	358771	359581	358381	358911	0.17	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	94	96	85	92	6.47	cps
Selenium	82-1	-188	-29	26	-64	-173.79	cps
Silicon	28-1	1326740	1325818	1322675	1325078	0.16	cps
Silver	109-1	1325	1308	1425	1353	4.67	cps
Silver	107-1	5284	5351	5584	5406	2.91	cps
Sodium	23-2	163574	164062	161298	162978	0.91	cps
Strontium	86-1	15751	16735	16585	16357	3.24	cps
Strontium	88-1	93756	92398	93798	93317	0.85	cps
Sulfur	34-1	611276	612571	605423	609756	0.62	cps
Terbium	159-1	19652376	19698396	19621896	19657556	0.20	cps
Terbium	159-2	8967179	8997234	8958199	8974204	0.23	cps
Thallium	203-1	842	533	533	636	27.99	cps
Thallium	205-1	1342	1333	1509	1395	7.08	cps
Tin	118-1	1742	1900	2175	1939	11.31	cps
Titanium	47-1	175	267	233	225	20.62	cps
Uranium	238-1	225	317	317	286	18.50	cps
Vanadium	51-2	190	183	150	174	12.29	cps
Yttrium	89-1	14026539	13958946	14121661	14035715	0.58	cps
Yttrium	89-2	1977155	1978003	1956969	1970709	0.60	cps
Zinc	66-2	477	513	460	483	5.64	cps
Zirconium	90-1	1742	1625	1759	1709	4.25	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3029-08DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0009DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:00:51	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	275	325	300	8.33	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:04:21	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	125	83	94	28.37	cps
Antimony	121-1	2292	2592	2767	2550	9.42	cps
Arsenic	75-2	70	78	87	78	10.65	cps
Barium	135-1	667	617	833	706	16.08	cps
Barium	137-1	1200	1150	1183	1178	2.16	cps
Beryllium	9-1	206	194	167	189	10.60	cps
Bismuth	209-1	13603548	13610578	13490343	13568156	0.50	cps
Bismuth	209-2	7132833	7198793	7246090	7192572	0.79	cps
Boron	10-1	2050	2092	2267	2136	5.38	cps
Boron	11-1	10871	10696	10921	10829	1.09	cps
Cadmium	111-1	496	538	567	533	6.68	cps
Cadmium	106-1	4709	5251	5460	5140	7.53	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	19772	18796	19230	19266	2.54	cps
Calcium	44-1	320521	316386	316496	317801	0.74	cps
Chromium	52-2	1520	1590	1513	1541	2.76	cps
Cobalt	59-2	130	113	117	120	7.35	cps
Copper	63-2	13980	13730	13940	13883	0.97	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	27	40	40	36	21.64	cps
Gadolinium	160-1	133	108	150	131	16.06	cps
Gadolinium	160-2	50	80	63	64	23.32	cps
Holmium	165-1	19625121	19606544	19472503	19568056	0.43	cps
Holmium	165-2	9124242	8994356	9109960	9076186	0.78	cps
Indium	115-1	14689758	14711188	14659853	14686933	0.18	cps
Indium	115-2	2614152	2618665	2639990	2624269	0.53	cps
Iron	56-2	8069	8030	8436	8178	2.74	cps
Iron	57-2	200	256	233	230	12.18	cps
Lead	206-1	2256	2178	2156	2197	2.39	cps
Lead	207-1	1906	1856	1711	1824	5.54	cps
Lead	208-1	8979	8701	8629	8770	2.11	cps
Lithium	6-1	1715379	1717194	1703387	1711987	0.44	cps
Magnesium	24-2	5926	6260	5610	5932	5.48	cps
Manganese	55-2	3467	3514	3370	3450	2.12	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:04:21	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	883	967	1200	1017	16.15	cps
Molybdenum	95-1	642	783	992	806	21.86	cps
Molybdenum	96-1	833	1092	1192	1039	17.80	cps
Molybdenum	97-1	492	625	717	611	18.51	cps
Molybdenum	98-1	1042	1283	1800	1375	28.18	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	320	300	293	304	4.56	cps
Phosphorus	31-2	250	292	292	278	8.66	cps
Potassium	39-2	111365	114430	112768	112855	1.36	cps
Rhodium	103-1	13439169	13505556	13344276	13429667	0.60	cps
Rhodium	103-2	6341419	6391646	6410374	6381147	0.56	cps
Scandium	45-1	7858671	7795995	7716245	7790304	0.92	cps
Scandium	45-2	358458	361797	361442	360566	0.51	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	61	78	107	82	28.56	cps
Selenium	82-1	-102	111	12	7	1497.55	cps
Silicon	28-1	1373236	1365057	1356772	1365022	0.60	cps
Silver	109-1	1067	1342	1275	1228	11.68	cps
Silver	107-1	4509	5351	5184	5014	8.89	cps
Sodium	23-2	164450	165957	163296	164568	0.81	cps
Strontium	86-1	16059	16794	16151	16335	2.45	cps
Strontium	88-1	91718	94410	93705	93278	1.50	cps
Sulfur	34-1	614330	619187	624952	619490	0.86	cps
Terbium	159-1	19921509	19816176	20019284	19918990	0.51	cps
Terbium	159-2	8979683	9126593	9088944	9065073	0.84	cps
Thallium	203-1	258	283	317	286	10.23	cps
Thallium	205-1	667	767	650	694	9.09	cps
Tin	118-1	1450	1734	1667	1617	9.16	cps
Titanium	47-1	208	217	175	200	11.02	cps
Uranium	238-1	250	217	158	208	22.27	cps
Vanadium	51-2	177	183	157	172	8.06	cps
Yttrium	89-1	14347566	14139132	14338632	14275110	0.83	cps
Yttrium	89-2	1973461	1984457	1979966	1979295	0.28	cps
Zinc	66-2	447	450	540	479	11.06	cps
Zirconium	90-1	1092	1300	1392	1261	12.19	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-01DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:04:21	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	383	300	333	13.23	cps

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On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:07:50	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	483	550	525	6.92	cps
Antimony	121-1	1592	2059	2375	2009	19.62	cps
Arsenic	75-2	2476	2437	2511	2475	1.50	cps
Barium	135-1	2900	2725	2700	2775	3.93	cps
Barium	137-1	4943	5193	4984	5040	2.66	cps
Beryllium	9-1	172	167	189	176	6.58	cps
Bismuth	209-1	13711906	13619719	13682744	13671456	0.34	cps
Bismuth	209-2	7233155	7229505	6738210	7066957	4.03	cps
Boron	10-1	1734	1834	1725	1764	3.42	cps
Boron	11-1	9178	8695	8945	8939	2.71	cps
Cadmium	111-1	509	541	498	516	4.28	cps
Cadmium	106-1	4926	5118	4776	4940	3.47	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	137669	139234	138249	138384	0.57	cps
Calcium	44-1	2247265	2242951	2229796	2240004	0.41	cps
Chromium	52-2	1360	1233	1357	1317	5.48	cps
Cobalt	59-2	520	600	517	546	8.65	cps
Copper	63-2	13273	13506	13590	13456	1.22	cps
Dysprosium	156-1	0	25	33	19	89.21	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	25	125	58	69	73.32	cps
Erbium	164-2	37	47	27	37	27.27	cps
Gadolinium	160-1	150	158	175	161	7.90	cps
Gadolinium	160-2	63	77	67	69	10.08	cps
Holmium	165-1	19594235	19706684	19416103	19572341	0.75	cps
Holmium	165-2	9131231	9007641	8994425	9044432	0.83	cps
Indium	115-1	14765248	14798100	14617953	14727100	0.65	cps
Indium	115-2	2636911	2627782	2617625	2627439	0.37	cps
Iron	56-2	2716514	2692510	2712875	2707300	0.48	cps
Iron	57-2	67416	67728	66651	67265	0.82	cps
Lead	206-1	10199	10182	10110	10163	0.47	cps
Lead	207-1	8925	8247	8614	8596	3.95	cps
Lead	208-1	40475	39574	40453	40167	1.28	cps
Lithium	6-1	1747315	1737478	1731677	1738823	0.45	cps
Magnesium	24-2	101845	100687	99362	100631	1.23	cps
Manganese	55-2	514184	508627	507844	510218	0.68	cps

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LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:07:50	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	983	1100	1042	1042	5.60	cps
Molybdenum	95-1	975	833	1200	1003	18.44	cps
Molybdenum	96-1	1000	1050	1350	1133	16.70	cps
Molybdenum	97-1	608	683	692	661	6.94	cps
Molybdenum	98-1	1433	1525	1775	1578	11.21	cps
Neodymium	150-1	40	33	33	36	10.82	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	310	313	323	316	2.20	cps
Phosphorus	31-2	333	283	417	344	19.56	cps
Potassium	39-2	182819	177433	180561	180271	1.50	cps
Rhodium	103-1	13525833	13697427	13592208	13605156	0.64	cps
Rhodium	103-2	6432809	6337571	6368220	6379533	0.76	cps
Scandium	45-1	7883241	7817258	7849994	7850164	0.42	cps
Scandium	45-2	364432	356348	359612	360131	1.13	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	72	106	100	93	19.29	cps
Selenium	82-1	-24	-75	-66	-55	-50.06	cps
Silicon	28-1	2197273	2217225	2179424	2197974	0.86	cps
Silver	109-1	1008	1000	1183	1064	9.73	cps
Silver	107-1	4225	3959	4709	4298	8.85	cps
Sodium	23-2	209195	205319	207838	207450	0.95	cps
Strontium	86-1	67803	67484	69419	68235	1.52	cps
Strontium	88-1	548347	547159	545099	546868	0.30	cps
Sulfur	34-1	686736	686485	683201	685474	0.29	cps
Terbium	159-1	20121333	19883548	19853202	19952695	0.74	cps
Terbium	159-2	9065215	8956222	8858803	8960080	1.15	cps
Thallium	203-1	233	283	233	250	11.55	cps
Thallium	205-1	533	667	583	594	11.33	cps
Tin	118-1	1375	1583	1450	1470	7.18	cps
Titanium	47-1	483	317	483	428	22.50	cps
Uranium	238-1	283	258	283	275	5.25	cps
Vanadium	51-2	143	117	150	137	12.91	cps
Yttrium	89-1	14260883	14383623	14241928	14295478	0.54	cps
Yttrium	89-2	1998335	1979196	1971501	1983011	0.70	cps
Zinc	66-2	383	440	343	389	12.49	cps
Zirconium	90-1	1333	1175	1475	1328	11.30	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-02DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:07:50	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	200	425	308	36.56	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:11:19	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	250	200	228	11.18	cps
Antimony	121-1	1175	1342	1467	1328	11.02	cps
Arsenic	75-2	17	46	48	37	47.69	cps
Barium	135-1	108	108	125	114	8.45	cps
Barium	137-1	150	183	150	161	11.94	cps
Beryllium	9-1	233	233	217	228	4.22	cps
Bismuth	209-1	13391332	13623509	13621657	13545500	0.99	cps
Bismuth	209-2	7192167	7138423	7218422	7183004	0.57	cps
Boron	10-1	1458	1450	1492	1467	1.50	cps
Boron	11-1	7185	7327	7385	7299	1.41	cps
Cadmium	111-1	513	490	552	518	6.02	cps
Cadmium	106-1	5084	4984	5226	5098	2.38	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	417	500	458	458	9.09	cps
Calcium	44-1	15175	13857	14524	14519	4.54	cps
Chromium	52-2	1267	1277	1320	1288	2.20	cps
Cobalt	59-2	110	130	97	112	14.95	cps
Copper	63-2	10274	10110	10014	10133	1.30	cps
Dysprosium	156-1	8	0	42	17	132.30	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	92	92	58	81	23.89	cps
Erbium	164-2	20	17	33	23	37.78	cps
Gadolinium	160-1	142	117	133	131	9.75	cps
Gadolinium	160-2	37	37	53	42	22.78	cps
Holmium	165-1	19200339	19233924	19089443	19174569	0.39	cps
Holmium	165-2	9015424	8874896	9067394	8985905	1.11	cps
Indium	115-1	14578154	14556235	14490098	14541496	0.32	cps
Indium	115-2	2612623	2616421	2633255	2620766	0.42	cps
Iron	56-2	9553	10271	9898	9907	3.62	cps
Iron	57-2	222	228	233	228	2.44	cps
Lead	206-1	3184	3351	3401	3312	3.43	cps
Lead	207-1	2711	2806	2795	2771	1.86	cps
Lead	208-1	12792	12514	13220	12842	2.77	cps
Lithium	6-1	1727082	1727587	1737635	1730768	0.34	cps
Magnesium	24-2	433	517	525	492	10.31	cps
Manganese	55-2	253	237	247	246	3.42	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:11:19	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	775	642	703	9.58	cps
Molybdenum	95-1	383	383	608	458	28.34	cps
Molybdenum	96-1	500	625	817	647	24.64	cps
Molybdenum	97-1	275	308	317	300	7.35	cps
Molybdenum	98-1	533	733	992	753	30.53	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	173	260	217	217	20.00	cps
Phosphorus	31-2	208	158	275	214	27.37	cps
Potassium	39-2	45822	45546	47184	46184	1.90	cps
Rhodium	103-1	13371894	13353131	13476121	13400382	0.49	cps
Rhodium	103-2	6369494	6339006	6420441	6376314	0.65	cps
Scandium	45-1	7908356	7840525	7872973	7873951	0.43	cps
Scandium	45-2	361745	363365	368011	364374	0.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	83	87	78	83	5.63	cps
Selenium	82-1	37	-85	-197	-82	-143.79	cps
Silicon	28-1	597065	595504	601277	597949	0.50	cps
Silver	109-1	458	425	517	467	9.94	cps
Silver	107-1	2017	1783	2108	1970	8.51	cps
Sodium	23-2	28536	28929	29647	29037	1.94	cps
Strontium	86-1	5660	5493	5493	5549	1.73	cps
Strontium	88-1	1067	858	933	953	11.08	cps
Sulfur	34-1	631352	632417	631036	631602	0.11	cps
Terbium	159-1	19497426	19577378	19602938	19559247	0.28	cps
Terbium	159-2	8847597	8928269	8949418	8908428	0.60	cps
Thallium	203-1	192	300	258	250	21.86	cps
Thallium	205-1	642	517	675	611	13.66	cps
Tin	118-1	1467	1408	1500	1458	3.18	cps
Titanium	47-1	167	225	258	217	21.42	cps
Uranium	238-1	175	92	167	144	31.78	cps
Vanadium	51-2	60	33	23	39	48.75	cps
Yttrium	89-1	14272387	14263521	14112883	14216264	0.63	cps
Yttrium	89-2	1971973	1978276	1992692	1980981	0.54	cps
Zinc	66-2	497	460	463	473	4.28	cps
Zirconium	90-1	1067	892	1158	1039	13.04	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-03DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:11:19	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	158	183	175	8.25	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:14:48	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	83	86	14.78	cps
Antimony	121-1	1308	1508	1684	1500	12.51	cps
Arsenic	75-2	46	52	65	54	17.50	cps
Barium	135-1	775	758	675	736	7.28	cps
Barium	137-1	1133	1192	1242	1189	4.56	cps
Beryllium	9-1	206	144	178	176	17.39	cps
Bismuth	209-1	13402240	13271233	13341276	13338249	0.49	cps
Bismuth	209-2	7118429	6720954	6737969	6859117	3.28	cps
Boron	10-1	1450	1417	1308	1392	5.32	cps
Boron	11-1	6268	6252	5701	6074	5.31	cps
Cadmium	111-1	483	513	505	501	3.09	cps
Cadmium	106-1	4834	5051	4884	4923	2.31	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	19063	19839	19731	19544	2.15	cps
Calcium	44-1	323283	324089	325688	324353	0.38	cps
Chromium	52-2	1387	1280	1387	1351	4.56	cps
Cobalt	59-2	70	83	90	81	12.55	cps
Copper	63-2	13580	13623	13596	13600	0.16	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	23	30	17	23	28.56	cps
Gadolinium	160-1	117	125	117	119	4.03	cps
Gadolinium	160-2	30	47	50	42	25.38	cps
Holmium	165-1	19257692	19203378	19241246	19234105	0.14	cps
Holmium	165-2	8997102	8992383	9021984	9003823	0.18	cps
Indium	115-1	14601842	14568576	14539706	14570041	0.21	cps
Indium	115-2	2621210	2606677	2600967	2609618	0.40	cps
Iron	56-2	7119	7346	7296	7254	1.65	cps
Iron	57-2	189	228	144	187	22.29	cps
Lead	206-1	2411	2439	2139	2330	7.12	cps
Lead	207-1	2095	1884	1928	1969	5.65	cps
Lead	208-1	9907	9479	8451	9279	8.06	cps
Lithium	6-1	1745449	1739582	1744877	1743302	0.19	cps
Magnesium	24-2	5626	5785	5735	5715	1.42	cps
Manganese	55-2	3537	3557	3681	3592	2.16	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:14:48	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	742	725	653	21.41	cps
Molybdenum	95-1	283	625	592	500	37.68	cps
Molybdenum	96-1	433	558	692	561	23.02	cps
Molybdenum	97-1	258	358	375	331	19.09	cps
Molybdenum	98-1	592	875	1100	856	29.77	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	237	200	250	229	11.31	cps
Phosphorus	31-2	217	175	250	214	17.57	cps
Potassium	39-2	113431	109553	113834	112273	2.11	cps
Rhodium	103-1	13474220	13291641	13418776	13394879	0.70	cps
Rhodium	103-2	6355353	6345733	6350953	6350680	0.08	cps
Scandium	45-1	7844311	7811897	7722258	7792822	0.81	cps
Scandium	45-2	361367	358923	359480	359923	0.36	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	102	106	120	109	8.97	cps
Selenium	82-1	-29	-74	15	-29	-152.77	cps
Silicon	28-1	1352728	1348258	1333801	1344929	0.74	cps
Silver	109-1	842	967	1108	972	13.72	cps
Silver	107-1	3500	4267	4342	4036	11.54	cps
Sodium	23-2	163582	162546	163986	163371	0.45	cps
Strontium	86-1	16702	16001	15910	16204	2.67	cps
Strontium	88-1	94562	93404	92615	93527	1.05	cps
Sulfur	34-1	648599	645510	638085	644065	0.84	cps
Terbium	159-1	19831962	19629310	19538626	19666633	0.76	cps
Terbium	159-2	8982772	8923866	8951652	8952763	0.33	cps
Thallium	203-1	292	208	217	239	19.21	cps
Thallium	205-1	367	442	525	444	17.82	cps
Tin	118-1	1559	1300	1283	1381	11.17	cps
Titanium	47-1	267	217	300	261	16.06	cps
Uranium	238-1	167	242	183	197	19.97	cps
Vanadium	51-2	153	177	170	167	7.21	cps
Yttrium	89-1	14119761	14217929	14050616	14129435	0.60	cps
Yttrium	89-2	1991826	1962493	1975424	1976581	0.74	cps
Zinc	66-2	327	307	347	327	6.12	cps
Zirconium	90-1	975	942	983	967	2.28	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-05DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0010DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:14:48	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	217	183	200	8.33	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:18:18	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	117	92	108	13.32	cps
Antimony	121-1	1183	1200	1559	1314	16.13	cps
Arsenic	75-2	2482	2332	2269	2361	4.64	cps
Barium	135-1	3017	2950	2834	2934	3.16	cps
Barium	137-1	4868	5034	4984	4962	1.72	cps
Beryllium	9-1	217	183	150	183	18.18	cps
Bismuth	209-1	13212367	13431341	13400571	13348093	0.89	cps
Bismuth	209-2	6657678	7130488	7109946	6966037	3.84	cps
Boron	10-1	1367	1233	1208	1270	6.71	cps
Boron	11-1	6260	6535	6377	6391	2.16	cps
Cadmium	111-1	534	458	524	505	8.25	cps
Cadmium	106-1	5218	4743	5201	5054	5.34	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	151812	151408	148581	150600	1.17	cps
Calcium	44-1	2453830	2463331	2459151	2458770	0.19	cps
Chromium	52-2	1900	1810	1607	1772	8.48	cps
Cobalt	59-2	463	370	443	426	11.55	cps
Copper	63-2	13480	13717	13937	13711	1.67	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	0	50	83	44	94.38	cps
Erbium	164-2	20	23	20	21	9.11	cps
Gadolinium	160-1	50	142	167	119	51.43	cps
Gadolinium	160-2	90	43	37	57	51.28	cps
Holmium	165-1	18918543	19114436	19189572	19074184	0.73	cps
Holmium	165-2	8967741	8888487	8896235	8917488	0.49	cps
Indium	115-1	14310737	14489266	14542088	14447364	0.84	cps
Indium	115-2	2594306	2597039	2600814	2597386	0.13	cps
Iron	56-2	2673627	2684995	2665802	2674808	0.36	cps
Iron	57-2	65753	66645	66211	66203	0.67	cps
Lead	206-1	7730	7608	7775	7704	1.12	cps
Lead	207-1	6418	6730	6496	6548	2.47	cps
Lead	208-1	30120	29658	29497	29758	1.09	cps
Lithium	6-1	1695327	1682322	1704970	1694206	0.67	cps
Magnesium	24-2	111931	112655	113403	112663	0.65	cps
Manganese	55-2	564929	563663	568174	565588	0.41	cps

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:18:18	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	900	933	917	1.82	cps
Molybdenum	95-1	758	892	958	870	11.71	cps
Molybdenum	96-1	1008	1042	1075	1042	3.20	cps
Molybdenum	97-1	508	450	683	547	22.19	cps
Molybdenum	98-1	1192	1317	1550	1353	13.44	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	397	457	367	407	11.27	cps
Phosphorus	31-2	250	392	325	322	22.00	cps
Potassium	39-2	194364	195307	196306	195326	0.50	cps
Rhodium	103-1	13126311	13116882	13384726	13209306	1.15	cps
Rhodium	103-2	6285434	6225781	6286226	6265814	0.55	cps
Scandium	45-1	7715140	7777561	7787582	7760094	0.51	cps
Scandium	45-2	358666	361257	360584	360169	0.37	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	106	85	93	94	10.92	cps
Selenium	82-1	-245	-341	-34	-206	-76.13	cps
Silicon	28-1	2310891	2319193	2326811	2318965	0.34	cps
Silver	109-1	1033	1042	1067	1047	1.66	cps
Silver	107-1	4150	4209	4609	4323	5.77	cps
Sodium	23-2	230868	231069	228834	230257	0.54	cps
Strontium	86-1	73237	72684	73179	73034	0.42	cps
Strontium	88-1	589170	596250	605120	596847	1.34	cps
Sulfur	34-1	701068	717543	713345	710652	1.20	cps
Terbium	159-1	19490658	19559744	19734309	19594904	0.64	cps
Terbium	159-2	8815824	8907115	8915623	8879521	0.62	cps
Thallium	203-1	267	133	158	186	38.08	cps
Thallium	205-1	283	383	325	331	15.20	cps
Tin	118-1	1392	1233	1292	1306	6.13	cps
Titanium	47-1	242	233	342	272	22.15	cps
Uranium	238-1	167	192	167	175	8.25	cps
Vanadium	51-2	97	107	103	102	4.98	cps
Yttrium	89-1	13804708	14007157	14036326	13949397	0.90	cps
Yttrium	89-2	1957891	1959504	1961482	1959626	0.09	cps
Zinc	66-2	390	473	503	456	12.89	cps
Zirconium	90-1	950	1267	1167	1128	14.35	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-06DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-0011DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:18:18	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	200	250	258	24.36	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:21:48	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	67	83	20.00	cps
Antimony	121-1	767	833	1033	878	15.81	cps
Arsenic	75-2	30	31	39	33	14.70	cps
Barium	135-1	100	125	75	100	25.00	cps
Barium	137-1	150	150	158	153	3.15	cps
Beryllium	9-1	189	178	144	170	13.58	cps
Bismuth	209-1	13531615	13337337	13428348	13432434	0.72	cps
Bismuth	209-2	7178369	7241648	6715203	7045074	4.08	cps
Boron	10-1	1058	1083	1042	1061	1.98	cps
Boron	11-1	4843	5168	5260	5090	4.30	cps
Cadmium	111-1	515	462	506	494	5.77	cps
Cadmium	106-1	4901	4743	5059	4901	3.23	cps
Cadmium	108-1	8	21	25	18	48.05	cps
Calcium	43-1	475	467	408	450	8.07	cps
Calcium	44-1	13382	13390	13740	13504	1.52	cps
Chromium	52-2	1270	1143	1160	1191	5.78	cps
Cobalt	59-2	80	127	107	104	22.42	cps
Copper	63-2	9560	9847	9924	9777	1.96	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	42	83	33	53	50.76	cps
Erbium	164-2	17	3	33	18	84.55	cps
Gadolinium	160-1	133	117	75	108	27.74	cps
Gadolinium	160-2	37	67	63	56	29.59	cps
Holmium	165-1	18971055	18674954	18944510	18863506	0.87	cps
Holmium	165-2	8896848	8976526	8888079	8920484	0.55	cps
Indium	115-1	14451585	14377908	14473443	14434312	0.35	cps
Indium	115-2	2618416	2613693	2625097	2619069	0.22	cps
Iron	56-2	6824	6952	7035	6937	1.53	cps
Iron	57-2	106	89	178	124	38.08	cps
Lead	206-1	2934	2823	2734	2830	3.54	cps
Lead	207-1	2706	2378	2756	2613	7.85	cps
Lead	208-1	11891	11425	11580	11632	2.04	cps
Lithium	6-1	1762697	1746744	1747588	1752343	0.51	cps
Magnesium	24-2	333	533	342	403	28.09	cps
Manganese	55-2	207	167	197	190	10.96	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:21:48	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	558	625	567	9.64	cps
Molybdenum	95-1	217	225	425	289	40.83	cps
Molybdenum	96-1	317	492	542	450	26.26	cps
Molybdenum	97-1	192	183	325	233	34.07	cps
Molybdenum	98-1	375	567	575	506	22.38	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	247	207	230	9.05	cps
Phosphorus	31-2	267	225	308	267	15.63	cps
Potassium	39-2	46332	46449	47644	46808	1.55	cps
Rhodium	103-1	13183186	13226549	13044273	13151336	0.72	cps
Rhodium	103-2	6311085	6326769	6350161	6329338	0.31	cps
Scandium	45-1	7818817	7719511	7724683	7754337	0.72	cps
Scandium	45-2	362312	363577	365061	363650	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	98	87	91	92	6.15	cps
Selenium	82-1	-267	134	-53	-62	-322.09	cps
Silicon	28-1	600356	604408	601074	601946	0.36	cps
Silver	109-1	400	467	542	469	15.10	cps
Silver	107-1	1767	1875	2167	1936	10.69	cps
Sodium	23-2	24880	25247	25097	25075	0.74	cps
Strontium	86-1	5476	5818	5476	5590	3.53	cps
Strontium	88-1	975	1083	875	978	10.66	cps
Sulfur	34-1	637218	641214	636048	638160	0.42	cps
Terbium	159-1	19399284	19382174	19526993	19436150	0.41	cps
Terbium	159-2	8988553	8911254	8873795	8924534	0.66	cps
Thallium	203-1	233	267	133	211	32.87	cps
Thallium	205-1	475	433	392	433	9.62	cps
Tin	118-1	1000	1100	1242	1114	10.90	cps
Titanium	47-1	225	5934	208	2122	155.52	cps
Uranium	238-1	133	100	75	103	28.48	cps
Vanadium	51-2	40	47	37	41	12.39	cps
Yttrium	89-1	14141887	13966561	13960526	14022991	0.73	cps
Yttrium	89-2	1979338	1973574	1993857	1982256	0.53	cps
Zinc	66-2	313	340	343	332	4.95	cps
Zirconium	90-1	883	933	933	917	3.15	cps

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Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	I3030-07DLX20	Instrumnet Name :	P7
Client Sample ID :	S83-EB-2017-1DL	Dilution Factor :	20
Date & Time Acquired ::	2017-05-08 18:21:48	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	275	283	233	34.07	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:25:18	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1239661	1233274	1246520	1239818	0.53	cps
Antimony	121-1	8011804	7970462	7925319	7969195	0.54	cps
Arsenic	75-2	264539	262447	266715	264567	0.81	cps
Barium	135-1	9542708	9417148	9398852	9452902	0.83	cps
Barium	137-1	16521295	16474788	16434797	16476960	0.26	cps
Beryllium	9-1	1106216	1101768	1094726	1100903	0.53	cps
Bismuth	209-1	13006544	12861770	12820216	12896176	0.76	cps
Bismuth	209-2	6544967	6548916	6589955	6561279	0.38	cps
Boron	10-1	145794	146217	144946	145652	0.44	cps
Boron	11-1	727481	734959	745198	735879	1.21	cps
Cadmium	111-1	1744704	1744387	1735603	1741565	0.30	cps
Cadmium	106-1	219044	216268	216883	217398	0.67	cps
Cadmium	108-1	141419	140891	141667	141326	0.28	cps
Calcium	43-1	1891732	1905827	1894020	1897193	0.40	cps
Calcium	44-1	31617710	31433010	31338880	31463200	0.45	cps
Chromium	52-2	2209117	2214123	2227883	2217041	0.44	cps
Cobalt	59-2	3666815	3638344	3674455	3659872	0.52	cps
Copper	63-2	5284426	5275574	5330960	5296987	0.56	cps
Dysprosium	156-1	275	200	100	192	45.80	cps
Dysprosium	156-2	43	27	43	38	25.46	cps
Erbium	164-1	92	50	117	86	39.11	cps
Erbium	164-2	43	40	30	38	18.36	cps
Gadolinium	160-1	217	192	175	194	10.79	cps
Gadolinium	160-2	97	80	60	79	23.27	cps
Holmium	165-1	19049999	19020666	18964323	19011663	0.23	cps
Holmium	165-2	8834850	8839881	8957276	8877336	0.78	cps
Indium	115-1	14116704	13974740	13854617	13982020	0.94	cps
Indium	115-2	2529752	2535125	2558431	2541103	0.60	cps
Iron	56-2	93907066	93314424	94367005	93862832	0.56	cps
Iron	57-2	2252589	2237530	2261312	2250477	0.53	cps
Lead	206-1	7089801	7079902	6654708	6941470	3.58	cps
Lead	207-1	5990851	5967523	5963751	5974042	0.25	cps
Lead	208-1	28180159	27990046	27562615	27910940	1.13	cps
Lithium	6-1	1765722	1723146	1728734	1739201	1.33	cps
Magnesium	24-2	15778299	15646955	15654306	15693187	0.47	cps
Manganese	55-2	2459682	2448218	2470988	2459630	0.46	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:25:18	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6943464	6867576	6864769	6891937	0.65	cps
Molybdenum	95-1	3539053	3541141	3509340	3529845	0.50	cps
Molybdenum	96-1	4566349	4545787	4555795	4555977	0.23	cps
Molybdenum	97-1	2190990	2180242	2200035	2190422	0.45	cps
Molybdenum	98-1	6013917	6020745	5959872	5998178	0.56	cps
Neodymium	150-1	727	727	553	669	14.96	cps
Neodymium	150-2	87	67	53	69	24.36	cps
Nickel	60-2	970681	966289	977636	971535	0.59	cps
Phosphorus	31-2	71053	69672	69521	70082	1.20	cps
Potassium	39-2	7913905	7788586	7850443	7850978	0.80	cps
Rhodium	103-1	12717789	12687446	12505159	12636798	0.91	cps
Rhodium	103-2	5777342	5732053	5801355	5770250	0.61	cps
Scandium	45-1	7790295	7645099	7638880	7691425	1.11	cps
Scandium	45-2	361962	358903	360428	360431	0.42	cps
Selenium	77-2	5171	5401	4894	5155	4.92	cps
Selenium	78-2	17644	17609	18102	17785	1.55	cps
Selenium	82-1	111897	112217	111632	111915	0.26	cps
Silicon	28-1	3633859	3644282	3645303	3641148	0.17	cps
Silver	109-1	9420491	9359343	9250004	9343279	0.92	cps
Silver	107-1	38007574	37930217	37471145	37802979	0.77	cps
Sodium	23-2	30096348	29924850	30071238	30030812	0.31	cps
Strontium	86-1	2253183	2252029	2239555	2248256	0.34	cps
Strontium	88-1	20058603	20169231	20147424	20125086	0.29	cps
Sulfur	34-1	1263201	1254225	1246721	1254716	0.66	cps
Terbium	159-1	19432179	19131954	19143509	19235881	0.88	cps
Terbium	159-2	8859227	8907065	8965550	8910614	0.60	cps
Thallium	203-1	8736353	8732047	8800854	8756418	0.44	cps
Thallium	205-1	20638946	20388448	20570417	20532604	0.63	cps
Tin	118-1	6489576	6511868	6493443	6498296	0.18	cps
Titanium	47-1	930237	933665	936765	933556	0.35	cps
Uranium	238-1	29334393	28939502	29015398	29096431	0.72	cps
Vanadium	51-2	1804138	1799547	1808743	1804143	0.25	cps
Yttrium	89-1	13939283	13716026	13709886	13788398	0.95	cps
Yttrium	89-2	1962944	1953688	1965384	1960672	0.31	cps
Zinc	66-2	759537	753089	761875	758167	0.60	cps
Zirconium	90-1	12952075	12858343	12904053	12904824	0.36	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:25:18	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2767232	2764260	2782349	2771280	0.35	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:28:43	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	133	97	38.65	cps
Antimony	121-1	25056	28814	33658	29176	14.78	cps
Arsenic	75-2	272	283	302	286	5.24	cps
Barium	135-1	508	417	358	428	17.68	cps
Barium	137-1	700	708	667	692	3.19	cps
Beryllium	9-1	300	289	306	298	2.85	cps
Bismuth	209-1	13483411	13367409	13447340	13432720	0.44	cps
Bismuth	209-2	7201918	7229476	7233129	7221508	0.24	cps
Boron	10-1	3225	3334	3175	3245	2.49	cps
Boron	11-1	16793	14933	14716	15481	7.38	cps
Cadmium	111-1	629	593	588	603	3.72	cps
Cadmium	106-1	5209	5176	4968	5118	2.56	cps
Cadmium	108-1	46	21	17	28	56.78	cps
Calcium	43-1	367	317	383	356	9.76	cps
Calcium	44-1	11805	11322	11547	11558	2.09	cps
Chromium	52-2	1320	1327	1263	1303	2.67	cps
Cobalt	59-2	173	203	213	197	10.58	cps
Copper	63-2	8649	8409	8659	8573	1.65	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	37	20	17	24	43.83	cps
Gadolinium	160-1	108	108	83	100	14.43	cps
Gadolinium	160-2	40	57	43	47	18.90	cps
Holmium	165-1	19079639	19406468	19218498	19234868	0.85	cps
Holmium	165-2	9041721	8953777	8974027	8989842	0.51	cps
Indium	115-1	14403490	14294333	14237120	14311648	0.59	cps
Indium	115-2	2608679	2623137	2637851	2623222	0.56	cps
Iron	56-2	10637	10815	10788	10747	0.89	cps
Iron	57-2	194	300	222	239	22.90	cps
Lead	206-1	4317	4284	4106	4236	2.68	cps
Lead	207-1	3673	3278	3506	3486	5.68	cps
Lead	208-1	17283	16154	15982	16473	4.29	cps
Lithium	6-1	1764374	1754857	1749936	1756389	0.42	cps
Magnesium	24-2	600	333	417	450	30.32	cps
Manganese	55-2	190	150	177	172	11.83	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:28:43	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2784	3676	4484	3648	23.32	cps
Molybdenum	95-1	4001	4868	6293	5054	22.91	cps
Molybdenum	96-1	4293	5668	7352	5771	26.55	cps
Molybdenum	97-1	2317	3259	3951	3176	25.82	cps
Molybdenum	98-1	6410	7852	10688	8317	26.17	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	233	197	217	216	8.52	cps
Phosphorus	31-2	208	183	200	197	6.45	cps
Potassium	39-2	45028	45119	45504	45217	0.56	cps
Rhodium	103-1	13248664	13386533	13295222	13310139	0.53	cps
Rhodium	103-2	6290614	6324536	6360897	6325349	0.56	cps
Scandium	45-1	7762888	7775408	7803764	7780687	0.27	cps
Scandium	45-2	364029	364444	363546	364006	0.12	cps
Selenium	77-2	3	13	3	7	86.65	cps
Selenium	78-2	104	137	124	122	13.82	cps
Selenium	82-1	-86	-273	120	-80	-247.10	cps
Silicon	28-1	396798	398258	396252	397103	0.26	cps
Silver	109-1	892	867	733	831	10.25	cps
Silver	107-1	3734	3634	2909	3425	13.15	cps
Sodium	23-2	26499	26775	26299	26524	0.90	cps
Strontium	86-1	5076	5610	5368	5351	4.99	cps
Strontium	88-1	1000	1050	933	995	5.89	cps
Sulfur	34-1	608974	610701	615012	611562	0.51	cps
Terbium	159-1	19758400	19469439	19578235	19602025	0.74	cps
Terbium	159-2	8952792	8980297	8964634	8965908	0.15	cps
Thallium	203-1	1592	1442	1308	1447	9.79	cps
Thallium	205-1	4067	3659	3276	3667	10.80	cps
Tin	118-1	4276	4359	5210	4615	11.20	cps
Titanium	47-1	100	125	175	133	28.64	cps
Uranium	238-1	1158	1267	1183	1203	4.72	cps
Vanadium	51-2	77	70	47	64	24.44	cps
Yttrium	89-1	14033358	13953543	14096857	14027919	0.51	cps
Yttrium	89-2	1980802	1990973	1990048	1987274	0.28	cps
Zinc	66-2	173	230	263	222	20.48	cps
Zirconium	90-1	2075	2192	2292	2186	4.96	cps

Reviewed By:jaswal
On:5/10/2017 9:37:40 AM
Inst Id :P7
LB :LB87344

LB Number :	LB87344	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2017-05-08 18:28:43	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	475	567	481	17.37	cps

Sop ID :- M6020/6020A - Metal ICP-MS

CHEMTECH **Water Sample Preparation Sheet**

PB98733

I2944, I2979

PrepBatch ID : PB98733
SDG No :
Matrix : Water
Method : M6020/6020A
Initial Volume : 50 ML
Final Volume : 50 ML
Hot Plate Temp : 1. 96°C 2. 3.

Batch# PB98733
ICP Digest Date: 05/05/2017 **Time :** 10:05
Sample Received By :
Dig Technician Signature: PB
Supervisor Signature:
Prep Code: ~~CWI~~ PB050517

End time for Hot Block 12:00

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	0.50ml	mp39423
LCSW	1.00ml	mp39424
LCSW	0.25 ml of each	m3630,m3482,m3481
		PB050517

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00ml	m3879
1:1 HCL	5.00ml	mp39396
PH STRIPS BOX-0.2.5	----------	m3880
		PB050517

Date / Time	Received By	Relinquished By	Location
05/05/17 13:04		PB	ICPlab
	Analysis Group	**Digestion Group**	
	JS		

CHEMTECH **Water Sample Preparation Sheet** **PrepBatch ID :** **PB98733**

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments	Prep Pos
I2949-05	TWP-07	BR	C	Cd	Cl	A	C	
I2949-06	TWP-07	C	C	Cl	Cl	A	C	
I2949-08	TWP-07-DUP	BR	C	Cd	Cl	A	C	
I2949-09	TWP-07-DUP	C	C	Cl	Cl	A	C	
I2949-10	FIELDBLANK	C	C	Cl	Cl	A	C	
I2949-11	FIELDBLANK	C	C	Cl	Cl	A	C	
I2979-01	RD-2	C	C	Cl	Cl	A	—	
I2979-01DUP	RD-2DUP	C	C	Cl	Cl	A	—	
I2979-01MS	RD-2MS	C	C	Cl	Cl	A	MP394423, MP394424 M3630, M3482, M3481	
I2979-01MSD	RD-2MSD	C	C	Cl	Cl	A		
I2979-02	RD-DUP	C	C	Cl	Cl	A	—	
I2979-03	RD-4	C	C	Cl	Cl	A	—	
I2979-04	RD-1	C	C	Cl	Cl	A	—	
I2979-05	RD-5	C	C	Cl	Cl	A	—	
I2979-06	RD-3R	C	C	Cl	Cl	A	—	
PB98733BL	PBW01	C	C	Cl	Cl	A	—	
PB98733BS	LCS01	C	C	Cl	Cl	A	MP394423, MP394424 M3630, M3482, M3481	

PB05to5f17

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black

CHEMTECH **Water Sample Preparation Sheet** **PrepBatch ID :** **PB98733**

Lab Sample	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments	Prep Pos
I2949-05	TWP-07	Brown	Colorless	Cloudy	Clear	<2		
I2949-06	TWP-07	Colorless	Colorless	Clear	Clear	<2		
I2949-08	TWP-07-DUP	Brown	Colorless	Cloudy	Clear	<2		
I2949-09	TWP-07-DUP	Colorless	Colorless	Clear	Clear	<2		
I2949-10	FIELDBLANK	Colorless	Colorless	Clear	Clear	<2		
I2949-11	FIELDBLANK	Colorless	Colorless	Clear	Clear	<2		
I2979-01	RD-2	Colorless	Colorless	Clear	Clear	<2		
I2979-01DUP	RD-2DUP	Colorless	Colorless	Clear	Clear	<2		
I2979-01MS	RD-2MS	Colorless	Colorless	Clear	Clear	<2		
I2979-01MS	RD-2MSD	Colorless	Colorless	Clear	Clear	<2		
D I2979-02	RD-DUP	Colorless	Colorless	Clear	Clear	<2		
I2979-03	RD-4	Colorless	Colorless	Clear	Clear	<2		
I2979-04	RD-1	Colorless	Colorless	Clear	Clear	<2		
I2979-05	RD-5	Colorless	Colorless	Clear	Clear	<2		
I2979-06	RD-3R	Colorless	Colorless	Clear	Clear	<2		
PB98733BL	PBW01	Colorless	Colorless	Clear	Clear	<2		
PB98733BS	LCS01	Colorless	Colorless	Clear	Clear	<2		

PB 07/07/17

* BL=Blank BS=Blank Spike TB=TCLP Blank
* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black

WORKLIST(Hardcopy Internal Chain)

WorkList Name : i2949w6020 WorkList ID : 98140 Date : 5/5/2017 8:30:38 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I2949-05	Metals ICP-TAL	1:1 HNO3 to p	LIRO01	D62	TWP-07	05/02/2017	6020
	Water	I2949-06	Dissolved ICP-TAL Meta	Cool 4 deg C	LIRO01	D62	TWP-07	05/02/2017	6020
	Water	I2949-08	Metals ICP-TAL	1:1 HNO3 to p	LIRO01	D62	TWP-07-DUP	05/02/2017	6020
	Water	I2949-09	Dissolved ICP-TAL Meta	1:1 HNO3 to p	LIRO01	D62	TWP-07-DUP	05/02/2017	6020
	Water	I2949-10	Metals ICP-TAL	1:1 HNO3 to p	LIRO01	D62	FIELDBLANK	05/02/2017	6020
	Water	I2949-11	Dissolved ICP-TAL Meta	1:1 HNO3 to p	LIRO01	D62	FIELDBLANK	05/02/2017	6020
	Water	I2979-01	Metals Group3	1:1 HNO3 to p	LIRO01	E31	RD-2	05/03/2017	6020
	Water	I2979-02	Metals Group3	1:1 HNO3 to p	LIRO01	E31	RD-DUP	05/03/2017	6020
	Water	I2979-03	Metals Group3	1:1 HNO3 to p	LIRO01	E31	RD-4	05/03/2017	6020
	Water	I2979-04	Metals Group3	1:1 HNO3 to p	LIRO01	E31	RD-1	05/03/2017	6020
	Water	I2979-05	Metals Group3	1:1 HNO3 to p	LIRO01	E31	RD-5	05/03/2017	6020
	Water	I2979-06	Metals Group3	1:1 HNO3 to p	LIRO01	E31	RD-3R	05/03/2017	6020

Date/Time 05/05/17 9:45
Received by: PB
Relinquished by: CP

Date/Time 05/05/17 10:35
Received by: CP
Relinquished by: PB

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB87308

Review By jaswal Review On 5/9/2017 12:14:01 PM

STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	TUNE	TUNE	TUNE	05/05/17 09:13		OK
2	S0	S0	CAL1	05/05/17 09:25		OK
3	S2	S2	CAL3	05/05/17 09:34		OK
4	S3	S3	CAL4	05/05/17 09:38		OK
5	S4	S4	CAL5	05/05/17 09:42		OK
6	S5	S5	CAL6	05/05/17 09:46		OK
7	S6	S6	CAL7	05/05/17 09:49		OK
8	S7	S7	CAL8	05/05/17 09:53		OK
9	S8	S8	CAL9	05/05/17 09:56		OK
10	ICV01	ICV01	ICV	05/05/17 10:35		OK
11	ICB01	ICB01	ICB	05/05/17 10:41		OK
12	ICSA01	ICSA01	ICSA	05/05/17 10:45		OK
13	ICSAB01	ICSAB01	ICSAB	05/05/17 10:48		OK
14	CCV19	CCV19	CCV	05/05/17 10:52		OK
15	CCB19	CCB19	CCB	05/05/17 10:59		OK
16	CRI	CRI	CRDL	05/05/17 11:02		OK
17	I2907-05DL	LF015MW047-17042	SAM	05/05/17 11:06	20x for Ni	Confirms
18	I2905-07RE	S49-0434RE	SAM	05/05/17 11:09	Mn high	Dilution
19	I2905-07REDL	S49-0434REDL	SAM	05/05/17 11:13	20X for Mn	Confirms
20	I2905-07DUPRE	S49-0434DUPRE	DUP	05/05/17 11:16	Mn high	Dilution
21	I2905-07DUPREDL	S49-0434DUPREDL	DUP	05/05/17 11:20	20X for Mn	Confirms

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB87308

Review By jaswal Review On 5/9/2017 12:14:01 PM

STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

22	I2905-07LRE	S49-0434LRE	SD	05/05/17 11:23		OK
23	I2905-07LREDL	S49-0434LREDL	SD	05/05/17 11:27	Not required	Not Ok
24	I2905-07MSRE	S49-0434MSRE	MS	05/05/17 11:30	Mn high	Dilution
25	I2905-07MSREDL	S49-0434MSREDL	MS	05/05/17 11:34	20X for Mn	Confirms
26	CCV20	CCV20	CCV	05/05/17 11:37		OK
27	CCB20	CCB20	CCB	05/05/17 11:50		OK
28	I2905-07MSDRE	S49-0434MSDRE	MSD	05/05/17 11:53	Mn high	Dilution
29	I2905-07MSDREDL	S49-0434MSDREDL	MSD	05/05/17 11:57	20X for Mn	Confirms
30	I2905-07ARE	S49-0434ARE	PS	05/05/17 12:00	Mn high	Dilution
31	I2905-07AREDL	S49-0434AREDL	PS	05/05/17 12:04	20X for Mn	Confirms
32	CCV21	CCV21	CCV	05/05/17 12:07		OK
33	CCB21	CCB21	CCB	05/05/17 12:16		OK
34	PB98743BL	PB98743BL	MB	05/05/17 13:18		OK
35	PB98743BS	PB98743BS	LCS	05/05/17 13:22		OK
36	I3000-01	DC32521-01-BS-CL0	SAM	05/05/17 13:25		OK
37	I3000-02	DC32521-02-BS-CL0	SAM	05/05/17 13:29		OK
38	I3000-03	DC32521-03-BS-CL0	SAM	05/05/17 13:32		OK
39	I3000-04	DC32521-04-BS-CL0	SAM	05/05/17 13:36		OK
40	I3000-05	DC32521-05-BS-H-W	SAM	05/05/17 13:41		OK
41	I3000-06	DC32521-06-BS-H-W	SAM	05/05/17 13:44		OK
42	I3000-07	DC32521-07-BS-BR-	SAM	05/05/17 13:48		OK
43	I3000-08	DC32521-08-BS-BR-	SAM	05/05/17 13:51		OK
44	CCV22	CCV22	CCV	05/05/17 13:55		OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB87308

Review By	jaswal	Review On	5/9/2017 12:14:01 PM

STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

45	CCB22	CCB22	CCB	05/05/17 13:58		OK
46	I3000-09	DC32521-09-BS-BR-	SAM	05/05/17 14:01		OK
47	I3000-10	DC32521-10-BS-BR-	SAM	05/05/17 14:05		OK
48	I3000-11	DC32521-11-BS-KI-V	SAM	05/05/17 14:08		OK
49	I3000-12	DC32521-12-BS-KI-V	SAM	05/05/17 14:12		OK
50	I3000-13	DC32521-13-BS-KI-V	SAM	05/05/17 14:15		OK
51	I3000-14	DC32521-14-BS-KI-V	SAM	05/05/17 14:19		OK
52	I3000-15	DC32521-15-FL1-CL	SAM	05/05/17 14:22		OK
53	I3000-16	DC32521-16-FL1-CL	SAM	05/05/17 14:26		OK
54	I3000-17	DC32521-17-FL1-BR	SAM	05/05/17 14:29		OK
55	I3000-18	DC32521-18-FL1-BR	SAM	05/05/17 14:33		OK
56	CCV23	CCV23	CCV	05/05/17 14:36		OK
57	CCB23	CCB23	CCB	05/05/17 14:39		OK
58	I3000-19	DC32521-19-FL1-H-V	SAM	05/05/17 14:43		OK
59	I3000-20	DC32521-20-FL1-H-V	SAM	05/05/17 14:46		OK
60	I3000-22	DC32521-22-FL2-NC	SAM	05/05/17 14:50		OK
61	I3000-23	DC32521-23-FL2-NC	SAM	05/05/17 14:53		OK
62	I3000-24	DC32521-24-FL2-H-V	SAM	05/05/17 14:57		OK
63	I3000-25	DC32521-25-FL2-H-V	SAM	05/05/17 15:00		OK
64	PB98744BL	PB98744BL	MB	05/05/17 15:04		OK
65	PB98744BS	PB98744BS	LCS	05/05/17 15:07		OK
66	I3002-01	DC32463-01-BS-KI-V	SAM	05/05/17 15:11		OK
67	I3002-02	DC32463-02-BS-KI-V	SAM	05/05/17 15:14		OK

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STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

68	CCV24	CCV24	CCV	05/05/17 15:18		OK
69	CCB24	CCB24	CCB	05/05/17 15:21		OK
70	I3002-03	DC32463-03-FL1-BR	SAM	05/05/17 15:25		OK
71	I3002-04	DC32463-04-FL1-BR	SAM	05/05/17 15:28		OK
72	I3002-05	DC32463-05-FL1-BR	SAM	05/05/17 15:32		OK
73	I3002-06	DC32463-06-FL1-BR	SAM	05/05/17 15:35		OK
74	I3002-07	DC32463-07-FL1-BR	SAM	05/05/17 15:38		OK
75	I3002-08	DC32463-08-FL1-BR	SAM	05/05/17 15:42		OK
76	I3002-09	DC32463-09-FL1-BR	SAM	05/05/17 15:45		OK
77	I3002-10	DC32463-10-FL1-BR	SAM	05/05/17 15:49		OK
78	I3002-11	DC32463-11-FL1-BR	SAM	05/05/17 15:52		OK
79	I3002-12	DC32463-12-FL1-BR	SAM	05/05/17 15:56		OK
80	CCV25	CCV25	CCV	05/05/17 16:24		OK
81	CCB25	CCB25	CCB	05/05/17 16:27		OK
82	I3002-13	DC32463-13-FL1-BR	SAM	05/05/17 16:31		OK
83	I3002-14	DC32463-14-FL1-BR	SAM	05/05/17 16:34		OK
84	I3002-15	DC32463-15-FL1-H-V	SAM	05/05/17 16:38		OK
85	I3002-16	DC32463-16-FL1-H-V	SAM	05/05/17 16:41		OK
86	I3002-17	DC32463-17-FL1-H-V	SAM	05/05/17 16:44		OK
87	I3002-18	DC3246-18-FL1-H-W	SAM	05/05/17 16:48		OK
88	I3002-19	DC32463-19-FL1-BR	SAM	05/05/17 16:51		OK
89	I3002-20	DC32463-20-FL1-BR	SAM	05/05/17 16:55		OK
90	I3002-21	DC32463-21-FL1-BR	SAM	05/05/17 16:58		OK

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STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

91	I3002-22	DC32463-22-FL1-BR	SAM	05/05/17 17:02		OK
92	CCV26	CCV26	CCV	05/05/17 17:05		OK
93	CCB26	CCB26	CCB	05/05/17 17:09		OK
94	I3002-23	DC32463-23-FL1-BR	SAM	05/05/17 17:12		OK
95	I3002-24	DC32463-24-FL1-BR	SAM	05/05/17 17:16		OK
96	I3002-25	DC32463-25-FL1-BR	SAM	05/05/17 17:19		OK
97	I3002-26	DC32463-26-FL1-BR	SAM	05/05/17 17:23		OK
98	I3002-27	DC32463-27-FL1-BR	SAM	05/05/17 17:26		OK
99	I3002-28	DC32463-28-FL1-BR	SAM	05/05/17 17:30		OK
100	I3002-29	DC32463-29-FL1-BR	SAM	05/05/17 17:33		OK
101	I3002-30	DC32463-30-FL1-BR	SAM	05/05/17 17:36		OK
102	CCV27	CCV27	CCV	05/05/17 17:48		OK
103	CCB27	CCB27	CCB	05/05/17 17:55		OK
104	PB98733BL	PB98733BL	MB	05/05/17 17:59		OK
105	PB98733BS	PB98733BS	LCS	05/05/17 18:02		OK
106	I2949-05	TWP-07	SAM	05/05/17 18:06	Mn high	Dilution
107	I2949-06	TWP-07	SAM	05/05/17 18:09	Mn high	Dilution
108	I2949-08	TWP-07-DUP	SAM	05/05/17 18:12	Mn high	Dilution
109	I2949-09	TWP-07-DUP	SAM	05/05/17 18:16	Mn high	Dilution
110	I2949-10	FIELDBLANK	SAM	05/05/17 18:20		OK
111	I2949-11	FIELDBLANK	SAM	05/05/17 18:23		OK
112	I2979-01	RD-2	SAM	05/05/17 18:26	CCV29 fail for Fe,Ni	Not Ok
113	I2979-01DUP	RD-2DUP	DUP	05/05/17 18:30	CCV29 fail for Fe,Ni	Not Ok

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Daily Analysis Runlog For Sequence/QCBatch ID # LB87308

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STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

114	CCV28	CCV28	CCV	05/05/17 18:33		OK
115	CCB28	CCB28	CCB	05/05/17 18:40		OK
116	I2979-01L	RD-2L	SD	05/05/17 18:44	CCV29 fail for Fe,Ni	Not Ok
117	I2979-01MS	RD-2MS	MS	05/05/17 18:47	CCV29 fail for Fe,Ni	Not Ok
118	I2979-01MSD	RD-2MSD	MSD	05/05/17 18:51	CCV29 fail for Fe,Ni	Not Ok
119	I2979-01A	RD-2A	PS	05/05/17 18:54	CCV29 fail for Fe,Ni	Not Ok
120	I2979-02	RD-DUP	SAM	05/05/17 18:58		OK
121	I2979-03	RD-4	SAM	05/05/17 19:01		OK
122	I2979-04	RD-1	SAM	05/05/17 19:05		OK
123	I2979-05	RD-5	SAM	05/05/17 19:08		OK
124	I2979-06	RD-3R	SAM	05/05/17 19:12		OK
125	I2989-04	S36-0111	SAM	05/05/17 19:15	CCV29 fail for Fe	Not Ok
126	CCV29	CCV29	CCV	05/05/17 19:19	Fail for Fe,Ni	OK
127	CCB29	CCB29	CCB	05/05/17 19:22	Fail for Cu	OK
128	PB98735BL	PB98735BL	MB	05/05/17 19:32	CCV29 fail for Fe	Not Ok
129	PB98735BS	PB98735BS	LCS	05/05/17 19:36	CCV29 fail for Fe	Not Ok
130	I2989-01	S36-0106	SAM	05/05/17 19:39	CCV29 fail for Fe	Not Ok
131	I2989-01DUP	S36-0106DUP	DUP	05/05/17 19:43	CCV29 fail for Fe	Not Ok
132	I2989-01L	S36-0106L	SD	05/05/17 19:46	CCV29 fail for Fe	Not Ok
133	I2989-02	S36-0106MS	MS	05/05/17 19:50	CCV29 fail for Fe	Not Ok
134	I2989-03	S36-0106MSD	MSD	05/05/17 19:53	CCV29 fail for Fe	Not Ok
135	I2989-01A	S36-0106A	PS	05/05/17 19:57	CCV29 fail for Fe	Not Ok
136	I2989-05	S36-0112	SAM	05/05/17 20:00	CCV29 fail for Fe	Not Ok

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STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

137	I2989-06	S36-0113	SAM	05/05/17 20:04	CCV29 fail for Fe	Not Ok
138	CCV30	CCV30	CCV	05/05/17 20:07	Fail for many parameters	OK
139	CCB30	CCB30	CCB	05/05/17 20:10	Fail for Cu	OK
140	I2989-07	S36-0108	SAM	05/05/17 20:21	CCV30 fail for Fe	Not Ok
141	I2989-08	S36-0109	SAM	05/05/17 20:25	CCV30 fail for Fe	Not Ok
142	I2989-09	S36-0118	SAM	05/05/17 20:28	CCV30 fail for Fe	Not Ok
143	I2989-10	S36-0117	SAM	05/05/17 20:32	CCV30 fail for Fe	Not Ok
144	I2989-11	S36-0114	SAM	05/05/17 20:35	CCV30 fail for Fe	Not Ok
145	I2989-12	S36-0115	SAM	05/05/17 20:39	CCV30 fail for Fe	Not Ok
146	I2989-13	S36-0116	SAM	05/05/17 20:42	CCV30 fail for Fe	Not Ok
147	I2989-01DL	S36-0106DL	SAM	05/05/17 20:46	CCV30 fail for Fe	Not Ok
148	I2989-01DUPDL	S36-0106DUPDL	DUP	05/05/17 20:49	CCV30 fail for Fe	Not Ok
149	I2989-01LDL	S36-0106LDL	SD	05/05/17 20:53	CCV30 fail for Fe	Not Ok
150	CCV31	CCV31	CCV	05/05/17 20:56	Fail for Fe	OK
151	CCB31	CCB31	CCB	05/05/17 20:59	Fail for Sb	OK
152	I2989-02DL	S36-0106MSDL	MS	05/05/17 21:10	CCV31 fail for Fe	Not Ok
153	I2989-03DL	S36-0106MSDDL	MSD	05/05/17 21:14	CCV31 fail for Fe	Not Ok
154	I2989-01ADL	S36-0106ADL	PS	05/05/17 21:17	CCV31 fail for Fe	Not Ok
155	CCV32	CCV32	CCV	05/05/17 21:20		OK
156	CCB32	CCB32	CCB	05/05/17 21:24		OK
157	I2949-05DL	TWP-07DL	SAM	05/05/17 21:27	20X for Mn	Confirms
158	I2949-06DL	TWP-07DL	SAM	05/05/17 21:31	20X for Mn	Confirms
159	I2949-08DL	TWP-07-DUPDL	SAM	05/05/17 21:34	20X for Mn	Confirms

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Daily Analysis Runlog For Sequence/QCBatch ID # LB87308

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STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414,MP39544
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

160	I2949-09DL	TWP-07-DUPDL	SAM	05/05/17 21:38	20X for Mn	Confirms
161	CCV33	CCV33	CCV	05/05/17 21:42		OK
162	CCB33	CCB33	CCB	05/05/17 21:45		OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB87344

Review By jaswal Review On 5/10/2017 9:37:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	TUNE	TUNE	TUNE	05/08/17 11:57		OK
2	S0	S0	CAL1	05/08/17 12:08		OK
3	S2	S2	CAL3	05/08/17 12:17		OK
4	S3	S3	CAL4	05/08/17 12:20		OK
5	S4	S4	CAL5	05/08/17 12:24		OK
6	S5	S5	CAL6	05/08/17 12:28		OK
7	S6	S6	CAL7	05/08/17 12:31		OK
8	S7	S7	CAL8	05/08/17 12:35		OK
9	S8	S8	CAL9	05/08/17 12:38		OK
10	ICV01	ICV01	ICV	05/08/17 12:42		OK
11	ICB01	ICB01	ICB	05/08/17 12:48		OK
12	ICSA01	ICSA01	ICSA	05/08/17 12:51		OK
13	ICSAB01	ICSAB01	ICSAB	05/08/17 12:55		OK
14	CCV34	CCV34	CCV	05/08/17 12:58		OK
15	CCB34	CCB34	CCB	05/08/17 13:14		OK
16	CRI	CRI	CRDL	05/08/17 13:18		OK
17	PB98735BLRE	PB98735BLRE	MB	05/08/17 13:21		OK
18	PB98735BSRE	PB98735BSRE	LCS	05/08/17 13:25		OK
19	I2989-01RE	S36-0106RE	SAM	05/08/17 13:28		OK
20	I2989-01DUPRE	S36-0106DUPRE	DUP	05/08/17 13:31		OK
21	I2989-01LRE	S36-0106LRE	SD	05/08/17 13:35		OK

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ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

22	I2989-02RE	S36-0106MSRE	MS	05/08/17 13:38		OK
23	I2989-03RE	S36-0106MSDRE	MSD	05/08/17 13:42		OK
24	I2989-01ARE	S36-0106ARE	PS	05/08/17 13:45		OK
25	I2989-04RE	S36-0111RE	SAM	05/08/17 13:48		OK
26	CCV35	CCV35	CCV	05/08/17 13:52		OK
27	CCB35	CCB35	CCB	05/08/17 14:02	Fail for Cu	OK
28	I2989-05RE	S36-0112RE	SAM	05/08/17 14:05		OK
29	I2989-06RE	S36-0113RE	SAM	05/08/17 14:09		OK
30	I2989-07RE	S36-0108RE	SAM	05/08/17 14:12		OK
31	I2989-08RE	S36-0109RE	SAM	05/08/17 14:16		OK
32	I2989-09RE	S36-0118RE	SAM	05/08/17 14:19		OK
33	I2989-10RE	S36-0117RE	SAM	05/08/17 14:23		OK
34	I2989-11RE	S36-0114RE	SAM	05/08/17 14:26		OK
35	I2989-12RE	S36-0115RE	SAM	05/08/17 14:30		OK
36	I2989-13RE	S36-0116RE	SAM	05/08/17 14:33		OK
37	I3030-03	S83-EB-2017-1	SAM	05/08/17 14:37		OK
38	CCV36	CCV36	CCV	05/08/17 14:40		OK
39	CCB36	CCB36	CCB	05/08/17 14:50		OK
40	PB98763BL	PB98763BL	MB	05/08/17 14:54		OK
41	PB98763BS	PB98763BS	LCS	05/08/17 14:57		OK
42	I3029-01	S83-0012	SAM	05/08/17 15:01		OK
43	I3029-01DUP	S83-0012DUP	DUP	05/08/17 15:04		OK
44	I3029-01L	S83-0012L	SD	05/08/17 15:08		OK

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ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

45	I3029-02	S83-0012MS	MS	05/08/17 15:11		OK
46	I3029-03	S83-0012MSD	MSD	05/08/17 15:15		OK
47	I3029-01A	S83-0012A	PS	05/08/17 15:18		OK
48	I3029-04	S83-0009	SAM	05/08/17 15:21		OK
49	I3029-05	S83-0012	SAM	05/08/17 15:25		OK
50	CCV37	CCV37	CCV	05/08/17 15:28		OK
51	CCB37	CCB37	CCB	05/08/17 15:37		OK
52	I3029-06	S83-0012MS	MS	05/08/17 15:41		OK
53	I3029-07	S83-0012MSD	MSD	05/08/17 15:44		OK
54	I3029-05A	S83-0012A	PS	05/08/17 15:47		OK
55	I3029-08	S83-0009	SAM	05/08/17 15:51		OK
56	I3030-01	S83-0010	SAM	05/08/17 15:54		OK
57	I3030-02	S83-0011	SAM	05/08/17 15:58	Mn high	Dilution
58	I3030-03RE	S83-EB-2017-1RE	SAM	05/08/17 16:01	Not used	Not Ok
59	I3030-05	S83-0010	SAM	05/08/17 16:05		OK
60	I3030-06	S83-0011	SAM	05/08/17 16:08		OK
61	I3030-07	S83-EB-2017-1	SAM	05/08/17 16:12		OK
62	CCV38	CCV38	CCV	05/08/17 16:15		OK
63	CCB38	CCB38	CCB	05/08/17 16:19		OK
64	I3029-01DL	S83-0012DL	SAM	05/08/17 16:23	Not required	Not Ok
65	I3029-01DUPDL	S83-0012DUPDL	DUP	05/08/17 16:26	Not required	Not Ok
66	I3029-01LDL	S83-0012LDL	SD	05/08/17 16:30	Not required	Not Ok
67	I3029-02DL	S83-0012MSDL	MS	05/08/17 16:33	Not required	Not Ok

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ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

68	I3029-03DL	S83-0012MSDDL	MSD	05/08/17 16:37	Not required	Not Ok
69	I3029-01ADL	S83-0012ADL	PS	05/08/17 16:40	Not required	Not Ok
70	I3029-04DL	S83-0009DL	SAM	05/08/17 16:44	Not required	Not Ok
71	I3029-05DL	S83-0012DL	SAM	05/08/17 16:47	Not required	Not Ok
72	I3029-06DL	S83-0012MSDL	MS	05/08/17 16:51	Not required	Not Ok
73	I3029-07DL	S83-0012MSDDL	MSD	05/08/17 16:54	Not required	Not Ok
74	CCV39	CCV39	CCV	05/08/17 16:58		OK
75	CCB39	CCB39	CCB	05/08/17 17:06		OK
76	NO VIAL	NO VIAL	SAM	05/08/17 17:21		OK
77	I2979-01RE	RD-2RE	SAM	05/08/17 17:25		OK
78	I2979-01DUPRE	RD-2DUPRE	DUP	05/08/17 17:28		OK
79	I2979-01LRE	RD-2LRE	SD	05/08/17 17:32		OK
80	I2979-01MSRE	RD-2MSRE	MS	05/08/17 17:35		OK
81	I2979-01MSDRE	RD-2MSDRE	MSD	05/08/17 17:39		OK
82	I2979-01ARE	RD-2ARE	PS	05/08/17 17:42		OK
83	CCV40	CCV40	CCV	05/08/17 17:45		OK
84	CCB40	CCB40	CCB	05/08/17 17:53		OK
85	I3029-05ADL	S83-0012ADL	PS	05/08/17 17:57	Not required	Not Ok
86	I3029-08DL	S83-0009DL	SAM	05/08/17 18:00	Not required	Not Ok
87	I3030-01DL	S83-0010DL	SAM	05/08/17 18:04	Not required	Not Ok
88	I3030-02DL	S83-0011DL	SAM	05/08/17 18:07	20X for Mn	Confirms
89	I3030-03DL	S83-EB-2017-1DL	SAM	05/08/17 18:11	Not required	Not Ok
90	I3030-05DL	S83-0010DL	SAM	05/08/17 18:14	Not required	Not Ok

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB87344

Review By	jaswal	Review On	5/10/2017 9:37:40 AM

STD. NAME	STD REF.#
ICAL Standard	MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39407,MP39408
ICV Standard	MP39413
CCV Standard	MP39414
ICSA Standard	MP39415,MP39416
CRI Standard	
Chk Standard	MP39418,MP39420

91	I3030-06DL	S83-0011DL	SAM	05/08/17 18:18	Not required	Not Ok
92	I3030-07DL	S83-EB-2017-1DL	SAM	05/08/17 18:21	Not required	Not Ok
93	CCV41	CCV41	CCV	05/08/17 18:25		OK
94	CCB41	CCB41	CCB	05/08/17 18:28		OK

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Prep Standard - Chemical Standard Summary

Order ID : I2979

Test : Metals Group3

Prepbatch ID : PB98733,

Sequence ID/Qc Batch ID: LB87308,LB87308,LB87308,LB87344,

Standard ID :
MP39398,MP39399,MP39401,MP39402,MP39403,MP39404,MP39405,MP39406,MP39407,MP39408,MP39412,MP39413,
MP39414,MP39415,MP39416,MP39418,MP39419,MP39420,MP39423,MP39424,MP39544,

Chemical ID :
M3298,M3304,M3305,M3306,M3316,M3321,M3323,M3325,M3328,M3333,M3468,M3470,M3471,M3481,M3482,M3498,M3
533,M3535,M3541,M3602,M3612,M3626,M3630,M3668,M3671,M3672,M3676,M3684,M3745,M3758,M3759,M3760,M3783
,M3785,M3787,M3792,M3812,M3813,M3814,M3840,M3845,M3846,M3850,M3852,M3867,M3879,m3880,mp39396,mp3942
3,mp39424,W1152,

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP39398	05/01/2017	05/15/2017	jaswal

FROM 12.500ml of M3850 + 2462.500ml of W1152 + 25.000ml of M3852 = Final Quantity: 2500.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
2902	S8 ICPMS	MP39399	05/01/2017	05/15/2017	jaswal

FROM 1.000ml of M3602 + 2.500ml of M3626 + 2.500ml of M3783 + 5.000ml of M3671 + 5.000ml of M3672 + 5.000ml of M3845 + 79.000ml of MP39398 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3349	S7 ICPMS	MP39401	05/01/2017	05/15/2017	jaswal

FROM 0.500ml of M3298 + 0.500ml of M3304 + 0.500ml of M3333 + 0.500ml of M3468 + 0.500ml of M3470 + 0.500ml of M3535 + 0.500ml of M3668 + 0.500ml of M3759 + 0.950ml of M3602 + 1.000ml of M3760 + 1.000ml of M3792 + 2.000ml of M3785 + 2.450ml of M3626 + 2.450ml of M3783 + 2.500ml of M3850 + 25.000ml of M3840 + 4.950ml of M3671 + 4.950ml of M3672 + 4.950ml of M3845 + 436.800ml of W 1152 + 5.000ml of M3852 = Final Quantity: 500.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3350	S6 ICPMS	MP39402	05/01/2017	05/15/2017	jaswal

FROM 50.000ml of MP39398 + 50.000ml of MP39401 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3351	S5 ICPMS	MP39403	05/01/2017	05/15/2017	jaswal

FROM 25.000ml of MP39401 + 75.000ml of MP39398 = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1145	S4 ICPMS	MP39404	05/01/2017	05/15/2017	jaswal

FROM 12.500ml of MP39401 + 87.500ml of MP39398 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1146	S3 ICPMS	MP39405	05/01/2017	05/15/2017	jaswal

FROM 10.000ml of MP39402 + 90.000ml of MP39398 = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1120	ICPMS ISM01.2 S1(CONC.)	MP39406	05/01/2017	05/09/2017	jaswal

FROM 0.050ml of M3298 + 0.050ml of M3304 + 0.050ml of M3305 + 0.050ml of M3306 + 0.050ml of M3316 + 0.050ml of M3321 + 0.050ml of M3325 + 0.050ml of M3328 + 0.050ml of M3333 + 0.050ml of M3470 + 0.050ml of M3535 + 0.050ml of M3814 + 0.050ml of M3846 + 0.100ml of M3468 + 0.100ml of M3471 + 0.100ml of M3602 + 0.100ml of M3612 + 0.100ml of M3668 + 0.250ml of M3323 + 0.250ml of M3759 + 0.250ml of M3783 + 0.250ml of M3787 + 0.250ml of M3812 + 0.250ml of M3813 + 0.500ml of M3785 + 2.500ml of M3626 + 2.500ml of M3671 + 2.500ml of M3672 + 2.500ml of M3845 + 236.900ml of MP39398 = Final Quantity: 250.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1147	S2 ICPMS	MP39407	05/01/2017	05/09/2017	jaswal

FROM 0.500ml of MP39406 + 99.500ml of MP39398 = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1148	S1 ICPMS	MP39408	05/01/2017	05/09/2017	jaswal

FROM 10.000ml of MP39407 + 90.000ml of MP39398 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3130	100ppm ICV SOL.	MP39412	05/01/2017	05/15/2017	jaswal

FROM 0.250ml of M3498 + 2.500ml of M3758 + 21.500ml of MP39398 = Final Quantity: 25.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1575	ICV ISM01.2 MS	MP39413	05/01/2017	05/15/2017	jaswal

FROM 2.000ml of M3745 + 0.500ml of MP39412 + 97.500ml of MP39398 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1430	CCV ICPMS ISM01.2	MP39414	05/01/2017	05/15/2017	jaswal

FROM 0.250ml of M3298 + 0.250ml of M3304 + 0.250ml of M3333 + 0.250ml of M3468 + 0.250ml of M3470 + 0.250ml of M3535 + 0.250ml of M3668 + 0.250ml of M3759 + 0.475ml of M3602 + 0.500ml of M3760 + 0.500ml of M3792 + 1.000ml of M3785 + 1.225ml of M3626 + 1.225ml of M3783 + 12.500ml of M3840 + 2.475ml of M3671 + 2.475ml of M3672 + 2.475ml of M3845 + 470.900ml of MP39398 = Final Quantity: 500.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1142	ICSA ICPMS	MP39415	05/01/2017	05/15/2017	jaswal

FROM 10.000ml of M3684 + 90.000ml of MP39398 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1143	ICSAB ICPMS	MP39416	05/01/2017	05/15/2017	jaswal

FROM 0.005ml of M3298 + 0.005ml of M3304 + 0.005ml of M3333 + 0.005ml of M3533 + 10.000ml of M3676 + 10.000ml of M3684 + 79.975ml of MP39398 = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3124	ICPMS Internal std P7	MP39418	05/01/2017	05/15/2017	jaswal

FROM 220.000ml of W1152 + 25.000ml of M3867 + 5.000ml of M3852 = Final Quantity: 250.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1135	MG 10PPM ILM05.4 FOR TUNE	MP39419	05/01/2017	05/15/2017	jaswal

FROM 0.100ml of M3671 + 99.900ml of MP39398 = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1172	TUNE SOL 100PPB ICPMS	MP39420	05/01/2017	05/15/2017	jaswal

FROM 1.000ml of M3541 + 1.000ml of MP39419 + 98.000ml of MP39398 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3352	6020 SPIKE LCS-1	MP39423	05/01/2017	05/09/2017	jaswal

FROM 5.000ml of M3298 + 5.000ml of M3304 + 5.000ml of M3305 + 5.000ml of M3306 + 5.000ml of M3316 + 5.000ml of M3321 + 5.000ml of M3323 + 5.000ml of M3325 + 5.000ml of M3328 + 5.000ml of M3333 + 5.000ml of M3471 + 5.000ml of M3612 + 5.000ml of M3812 + 5.000ml of M3814 + 5.000ml of M3846 + 20.000ml of MP39398 = Final Quantity: 100.000 ml

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3353	6020 SPIKE LCS-2	MP39424	05/01/2017	05/15/2017	jaswal

FROM 12.500ml of M3626 + 12.500ml of M3783 + 12.500ml of M3785 + 5.000ml of M3468 + 5.000ml of M3535 + 5.000ml of M3602 + 5.000ml of M3668 + 5.000ml of M3759 + 37.500ml of MP39398 = Final Quantity: 100.000 ml

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STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
3366	CCV PB ONLY	MP39544	05/05/2017	05/22/2017	jaswal

FROM 0.500ml of M3846 + 10.000ml of M3879 + 5.000ml of M3850 + 984.500ml of W1152 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTH1-1 / Thorium 1000 ug/ml	H2-TH01094R	12/15/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3298

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGZR1-1 / Zirconium, 1000 PPM, 125 ml	H2-ZR01095R	12/16/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGNI1-1 / NICKEL 125mL 1000ug/mL	H2-NI02086R	12/03/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3305

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCO1-1 / COBALT 125mL 1000ug/mL	H2-CO02063	10/27/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3306

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTL1-1 / THALLIUM 125mL 1000ug/mL	H2-TL02003R	11/20/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3316

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGAS1-1 / ARSENIC 125mL 1000ug/mL	H2-AS02102R	12/11/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3321

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGV1-1 / VANADIUM 125mL 1000ug/mL	H2-V02090	05/09/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3323

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGBE1-1 / BERYLLIUM 125mL 1000ug/mL	H2-BE02021R	11/20/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3325

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGAG1-1 / SILVER 125mL 1000ug/mL	H2-AG03035R	12/03/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3328

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGU1-1 / Uranium 1000 ug/ml	H2-U01102R	11/20/2017	01/30/2015 / BIN	01/19/2015 / BIN	M3333

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCU1-5 / Copper, 500 ml, 1000 PPM	H2-CU03021	02/13/2018	09/16/2015 / BIN	09/04/2015 / BIN	M3468

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Strontium (Sr) 1000PPM	071415	07/14/2018	09/24/2015 / jaswal	09/24/2015 / jaswal	M3470

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	010615	01/06/2018	09/24/2015 / jaswal	09/24/2015 / jaswal	M3471

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMG10-5 / Magnesium, 500 ml, 10000 PPM	J2-MG03145	07/16/2018	10/02/2015 / BIN	10/02/2015 / BIN	M3481

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCA10-5 / Calcium, 500 ml, 10000 PPM	H2-CA04105	12/03/2017	10/02/2015 / BIN	10/02/2015 / BIN	M3482

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSR10-1 / STRONTIUM 1 X 125 ml	H2-SR02049	11/17/2017	10/13/2015 / jaswal	09/29/2015 / BIN	M3498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSNCL1-1 / TIN/HCL 125mL 1000ug/mL	H2-SN02071	04/03/2018	12/18/2015 / BIN	12/10/2015 / BIN	M3533

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Manganese, Mn, 500 ml, 1000 PPM	072215	07/22/2018	12/18/2015 / BIN	12/07/2015 / BIN	M3535

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	J2-MEB603008	11/06/2018	01/14/2016 / jaswal	01/07/2016 / jaswal	M3541

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	123115	12/31/2018	06/01/2016 / BIN	06/12/2015 / BIN	M3602

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSBF1-1 / ANTIMONY HF, 125mL 1,000ug/mL	J2-SB03035	04/21/2018	05/26/2016 / BIN	05/23/2016 / BIN	M3612

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGK10-5 / Potassium, 500 ml, 10000 PPM	J2-K03054	12/01/2018	06/02/2016 / BIN	05/13/2016 / BIN	M3626

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGNA10-5 / Sodium, 500 ml, 10000 PPM	J2-NA03138	10/01/2018	06/06/2016 / jaswal	05/13/2016 / BIN	M3630

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGZN1-5 / Zinc, 500 ml, 1000 PPM	K2-ZN02116	04/21/2020	08/26/2016 / BIN	08/26/2016 / BIN	M3668

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMG10-5 / Magnesium, 500 ml, 10000 PPM	J2-MG03145	07/16/2018	01/07/2017 / jaswal	06/07/2016 / BIN	M3671

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCA10-5 / Calcium, 500 ml, 10000 PPM	H2-CA04105	12/03/2017	01/07/2017 / jaswal	06/07/2016 / BIN	M3672

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	/ ICSB (ICPMS) STOCK SOLUTION	ICSB-0803	08/16/2017	05/01/2017 / jaswal	08/16/2016 / BIN	M3676

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	ICSA-0803	08/16/2017	05/01/2017 / jaswal	08/16/2016 / BIN	M3684

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV1-0307	08/27/2017	02/27/2017 / jaswal	03/04/2016 / BIN	M3745

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CHEM-QC-4 / CHEM-QC-4, Second Source, 1000 ug/ml, B, Mo, Si, Sn, Ti	K2-MEB651765	09/13/2019	10/03/2016 / bin	09/20/2016 / bin	M3758

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	Z9651Q / CHEM-CLP-4/.25L	K2-MEB651764	09/13/2019	10/03/2016 / bin	09/20/2016 / bin	M3759

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGP10-1 / Phosphorus, 125 ml, 10000 ug/ml	K2-P02069	05/17/2020	10/03/2016 / bin	09/20/2016 / bin	M3760

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGFE10-5 / Iron, 500 ml, 10000 PPM	K2-FE04057	02/27/2020	11/30/2016 / BIN	11/18/2016 / BIN	M3783

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGBA1-1 / BARIUM 125mL 1000ug/mL	K2-BA650002	07/19/2020	11/30/2016 / BIN	11/18/2016 / BIN	M3785

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGB1-1 / BORON 125mL 1000ug/mL	K2-B02134	03/11/2020	11/30/2016 / BIN	11/18/2016 / BIN	M3787

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGS10-1 / SULFUR 125mL 10,000ug/mL	K2-S02040	02/18/2020	12/08/2016 / BIN	12/08/2016 / BIN	M3792

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSE(4)1-1 / SELENIUM 125mL 1000ug/mL	J2-SE02058	06/09/2018	01/30/2017 / BIN	01/30/2017 / BIN	M3812

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGSI1-1 / SILICON 125mL 1000ug/mL	J2-SI03059	12/23/2018	01/30/2017 / BIN	01/30/2017 / BIN	M3813

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGCD1-1 / CADMIUM, 125mL 1000ug/mL	K2-CD650193	07/20/2020	01/30/2017 / BIN	01/30/2017 / BIN	M3814

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	K2-MEB650113	07/08/2020	05/01/2017 / jaswal	01/23/2017 / jaswal	M3840

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Sodium, Na, 500 ml, 10,000 PPM	032917	03/29/2020	04/26/2017 / BIN	03/30/2017 / jaswal	M3845

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGPB1-1 / LEAD 125mL 1000ug/mL	K2-PB03074	04/19/2020	04/04/2017 / jaswal	04/04/2017 / jaswal	M3846

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	0000162118	10/11/2021	04/18/2017 / bhadresh	04/12/2017 / bhadresh	M3850

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)		02/18/2022	05/01/2017 / bhadresh	04/26/2017 / bhadresh	M3852

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	K2-MEB651921	10/03/2020	05/01/2017 / jaswal	01/23/2017 / jaswal	M3867

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	0000163347	02/01/2022	05/05/2017 / bhadresh	05/02/2017 / bhadresh	M3879

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	140440 / TEST PAPERS,PH,0-2.5,.2SENSI, 100PK	hc755454	05/02/2022	05/03/2017 / bhadresh	05/02/2017 / bhadresh	M3880

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Res-Kem General water	DIW / DI Water	Lab certified	02/23/2025	02/23/2010 /	02/23/2010 / divya	W1152

M3298 R: 01/19/15 OP: 01/30/15

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INORGANIC VENTURES is accredited to ISO Guide 34, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (SAI Global File Number (010105).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTH1
Lot Number:	H2-TH01094R
Matrix:	5% (v/v) HNO3
Value/Analyte(s):	1 000 µg/mL Thorium
Starting Material:	Th(NO3)4x4H2O
Starting Material Lot#:	1803
Starting Material Purity:	99.9934%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1000 ± 4 µg/mL

Certified Density: 1.026 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1001 ± 4 µg/mL**
ICP Assay NIST SRM 3159 Lot Number: 992912

Assay Method #2 **1000 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M334 OD: 01/30/15 R: 01/19/15

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGZR1
Lot Number:	H2-ZR01095R
Matrix:	tr. HF
Value/Analyte(s):	1 000 µg/mL Zirconium
Starting Material:	ZrO2
Starting Material Lot#:	1765
Starting Material Purity:	99.9947%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 995 ± 5 µg/mL - weighted mean

Certified Density: 1.000 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **997 ± 3 µg/mL**
ICP Assay NIST SRM 3169 Lot Number: 071226

Assay Method #2 **1000 ± 3 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3305 R:01/19/15 OP: 01/30/15 Ex: 12/03/17

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGNI1
Lot Number:	H2-NI02086R
Matrix:	2% v/v HNO3
Value/Analyte(s):	1 000 µg/mL Nickel
Starting Material:	Ni pieces
Starting Material Lot#:	1559
Starting Material Purity:	99.9998%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 4 µg/mL - weighted mean

Certified Density: 1.011 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1	**1001 ± 3 µg/mL** ICP Assay NIST SRM 3136 Lot Number: 000612
Assay Method #2	**1002 ± 3 µg/mL** EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3306 R:01/19/15 O: 01/30/15 Ex: 10/27/17

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGCO1
Lot Number:	H2-CO02063
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Co
Starting Material:	Cobalt Carbonate
Starting Material Lot#:	1850
Starting Material Purity:	99.9990%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 3 µg/mL - weighted mean

Certified Density: 1.017 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **996 ± 4 µg/mL**
ICP Assay NIST SRM 3113 Lot Number: 000630 Co

Assay Method #2 **999 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3316 R: 01/19/15 OP: 01/30/15 Ex: 01/20/17

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTL1
Lot Number:	H2-TL02003R
Matrix:	0.7% v/v HNO3
Value/Analyte(s):	1 000 µg/mL Thallium
Starting Material:	TlNO3
Starting Material Lot#:	1576
Starting Material Purity:	99.9996%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1003 ± 7 µg/mL - no weighted mean

Certified Density: 1.003 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1003 ± 6 µg/mL**
ICP Assay NIST SRM 3158 Lot Number: 993012

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3321 R:01/19/15 OP:01/30/15 Exp 12/11/17

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGAS1
Lot Number:	H2-AS02102R
Matrix:	2% (v/v) HNO3
Value/Analyte(s):	1 000 µg/mL Arsenic
Starting Material:	As Lump
Starting Material Lot#:	1814
Starting Material Purity:	99.9995%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1001 ± 5 µg/mL - weighted mean

Certified Density: 1.012 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **999 ± 4 µg/mL**
ICP Assay NIST SRM 3103a Lot Number: 100818

Assay Method #2 **1002 ± 3 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3323 R: 01/19/15 Ex: 01/30/15 Ex: 05/09/17

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGV1
Lot Number:	H2-V02090
Matrix:	2% (v/v) HNO3
Value/Analyte(s):	1 000 µg/mL Vanadium
Starting Material:	V2O5
Starting Material Lot#:	1782
Starting Material Purity:	99.9876%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1000 ± 5 µg/mL weighted mean

Certified Density: 1.016 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1000 ± 5 µg/mL**
ICP Assay NIST SRM 3165 Lot Number: 992706

Assay Method #2 **1000 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M 33285 R: 01/19/15 O: 01/30/15 Ex 11/2017

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGBE1
Lot Number:	H2-BE02021R
Matrix:	3% (v/v) HNO3
Value/Analyte(s):	1 000 µg/mL Beryllium
Starting Material:	Be4O(OOCCH3)6
Starting Material Lot#:	1772
Starting Material Purity:	99.9999%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1005 ± 5 µg/mL - no weighted mean

Certified Density: 1.022 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1005 ± 4 µg/mL**
ICP Assay NIST SRM 3105a Lot Number: 090514

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3328 O: 01/30/15 E: 12/03/17
R: 01/19/15

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGAG1
Lot Number:	H2-AG03035R
Matrix:	5% HNO3 (v/v)
Value/Analyte(s):	1 000 µg/mL Silver
Starting Material:	Ag shot
Starting Material Lot#:	1641
Starting Material Purity:	100.0000%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 6 µg/mL - weighted mean

Certified Density: 1.026 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1000 ± 3 µg/mL**
ICP Assay NIST SRM 3151 Lot Number: 992212

Assay Method #2 **1003 ± 2 µg/mL**
Volhard NIST SRM 999b Lot Number: 999b

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGU1
Lot Number:	H2-U01102R
Matrix:	2% HNO3 (v/v)
Value/Analyte(s):	1 000 µg/mL Uranium
Starting Material:	UO2(NO3)2•6H2O
Starting Material Lot#:	1767
Starting Material Purity:	99.9995%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1004 ± 6 µg/mL - no weighted mean

Certified Density: 1.010 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1004 ± 5 µg/mL**
ICP Assay NIST SRM 3164 Lot Number: 080521

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

R: 04/04/15
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M3468

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGCU1
Lot Number:	H2-CU03021
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Cu
Starting Material:	Cu Metal
Starting Material Lot#:	1806
Starting Material Purity:	99.9996%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1004 ± 5 µg/mL - weighted mean

Certified Density: 1.016 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1002 ± 5 µg/mL**
ICP Assay NIST SRM 3114 Lot Number: 121207

Assay Method #2 **1005 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

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Certified Reference Material CRM

M3471

ISO 9001 QS Registered
ISO 17025-34-35-43 Accredited
Scopes: http://AbsoluteStandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	C363101	Nitric Acid	
Lot Number:	**010615**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	010618			
	Storage: 20 °C			
Nominal Concentration (µg/mL):	**1000**			
		5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.24	0.142	Flask Uncertainty	

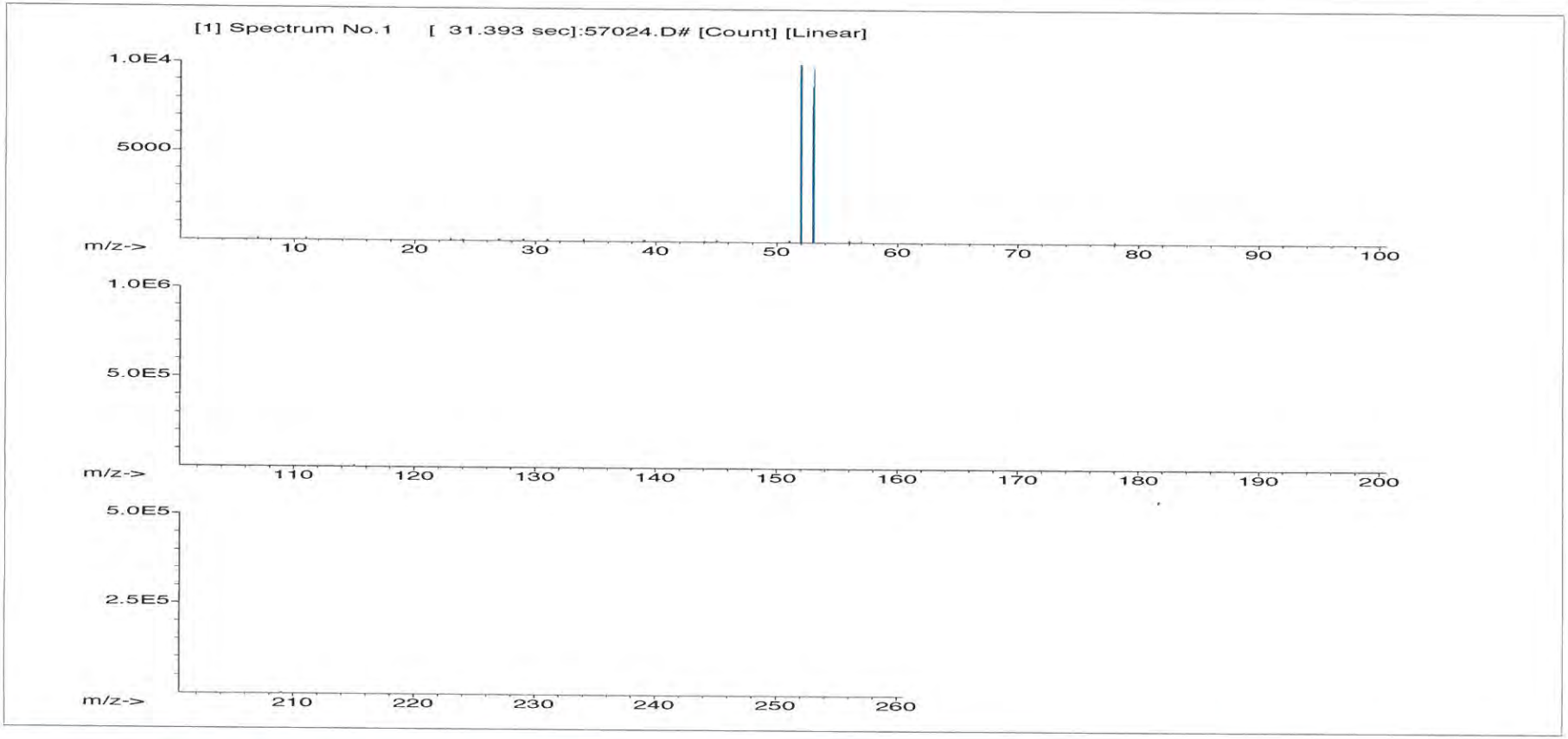
Giovanni Esposito

Formulated By:	Giovanni Esposito	010615

Pedro Rentas

Reviewed By:	Pedro L. Rentas	010615

Compound	Part Number	Lot Number	Dilution Factor	Initial Volume	Uncertainty Pipette	Initial Conc. (µg/mL)	**Final Conc. (µg/mL)**	Expanded Uncertainty (+/-)	MSDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium (III) nitrate nonahydrate (Cr)	58124	093014	0.100	200.0	0.013	10001.0	**1000.0**	0.00201	07789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



M 3481 R: 10/02/15 OP: 10/02/15

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMG10
Lot Number:	J2-MG03145
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Mg
Starting Material:	Mg chips
Starting Material Lot#:	1484
Starting Material Purity:	99.9987%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 9970 ± 24 µg/mL

Certified Density: 1.053 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **9954 ± 58 µg/mL**
ICP Assay NIST SRM 3131a Lot Number: 050302

Assay Method #2 **9973 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3482 OP: 10/02/15 R: 10/02/15
Ex: 12/03/17
B14

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CERTIFICATE OF ANALYSIS

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO Guide 34, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (SAI Global File Number 010105).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGCA10
Lot Number:	H2-CA04105
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Ca
Starting Material:	CaO
Starting Material Lot#:	1748
Starting Material Purity:	99.9971%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 9950 ± 24 µg/mL - weighted mean

Certified Density: 1.040 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1	**9956 ± 50 µg/mL** ICP Assay NIST SRM 3109a Lot Number: 130213
Assay Method #2	**9948 ± 25 µg/mL** EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

IV3498 R:09/29/15

CERTIFICATE OF ANALYSIS

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Ex: 11/17/2017 BH

1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGSR10
Lot Number:	H2-SR02049
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Sr
Starting Material:	SrCO3
Starting Material Lot#:	1716
Starting Material Purity:	99.9989%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10013 ± 33 µg/mL - weighted mean

Certified Density: 1.030 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1	**9955 ± 54 µg/mL** ICP Assay NIST SRM 3153a Lot Number: 990906
Assay Method #2	**10046 ± 41 µg/mL** EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3533 R: 12/10/15
OP: 12/18/15 BH

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGSNCL1
Lot Number:	H2-SN02071
Matrix:	20% (v/v) HCl
Value / Analyte(s):	1 000 µg/mL ea: Sn
Starting Material:	Sn Shot
Starting Material Lot#:	1789
Starting Material Purity:	99.9982%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value:	1000 ± 6 µg/mL
Certified Density:	1.042 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1

NIST SRM Lot Number:

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

M3535

Certified Reference Material CRM

R: 12/10/15
OP: 12/18/15

ANAB ACCREDITED

ISO 9001 QS Registered
ISO 17025-34-35-43 Accredited
Scopes: http://AbsoluteStandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**58025**				
Lot Number:	**072215**	C471305	Nitric Acid		
Description:	**Manganese (Mn)**				
		2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	072218				
	Storage: 20 °C				
Nominal Concentration (µg/mL):	**1000**				
		5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.24	0.148	Flask Uncertainty		

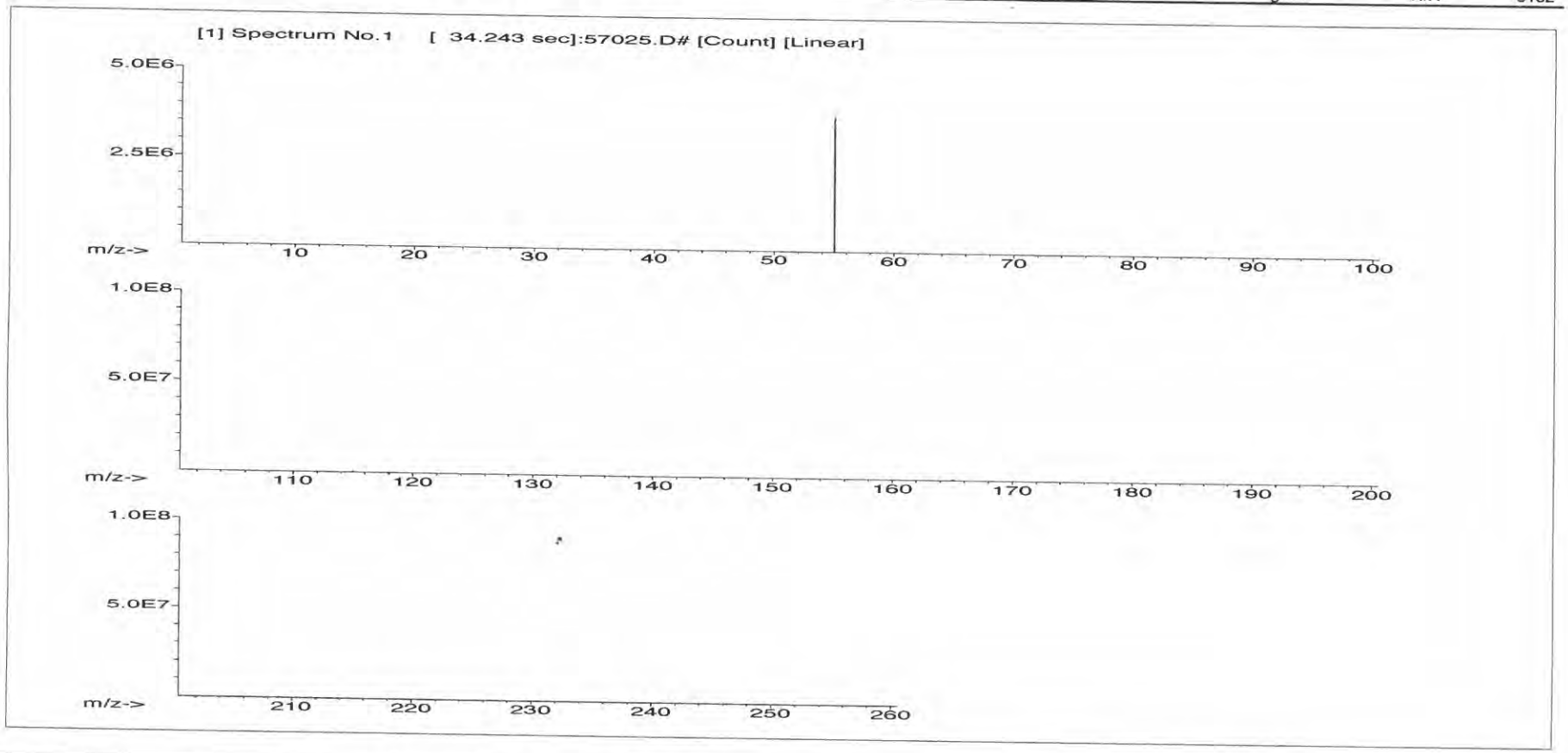
Gabriel Helland

Formulated By:	Gabriel Helland	072215

Pedro Rentas

Reviewed By:	Pedro L. Rentas	072215

Compound	Part Number	Lot Number	Dilution Factor	Initial Volume	Uncertainty Pipette	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (+/-)	MSDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese (II) nitrate Hydrate (Mn)	58125	012115	0.1000	200.0	0.013	10001.5	**1000.0**	0.00201	15710-66-4	5 mg/m3	N/A	3132



INORGANIC VENTURES
300 Technology Drive
Christiansburg, VA 24073 USA

R: 01/07/16 Exp: 11/06/18
Do: 01/14/16

CERTIFICATE OF ANALYSIS

M3541

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO Guide 34, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (SAI Global File Number 010105).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	J2-MEB603008
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Ba, Be, Bi,
Ce, Co, In,
Li, Ni, Pb,
U

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.00 ± 0.05 µg/mL	Beryllium, Be	10.00 ± 0.06 µg/mL
Bismuth, Bi	10.00 ± 0.05 µg/mL	Cerium, Ce	10.00 ± 0.05 µg/mL
Cobalt, Co	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.05 µg/mL
Lead, Pb	10.00 ± 0.05 µg/mL	Lithium, Li	10.00 ± 0.06 µg/mL
Nickel, Ni	10.00 ± 0.05 µg/mL	Uranium, U	10.00 ± 0.06 µg/mL

Certified Density: 1.023 g/mL (measured at 20 ± 1 °C)

Assay Information:

Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

ISO 9001 QS Registered
ISO 17025-34-35-43 Accredited
Scopes: http://AbsoluteStandards.com

CERTIFIED WEIGHT REPORT:

Part Number: **58113**
Lot Number: **123115**
Description: **Aluminum (Al)**

Expiration Date: 123118
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): **10000**

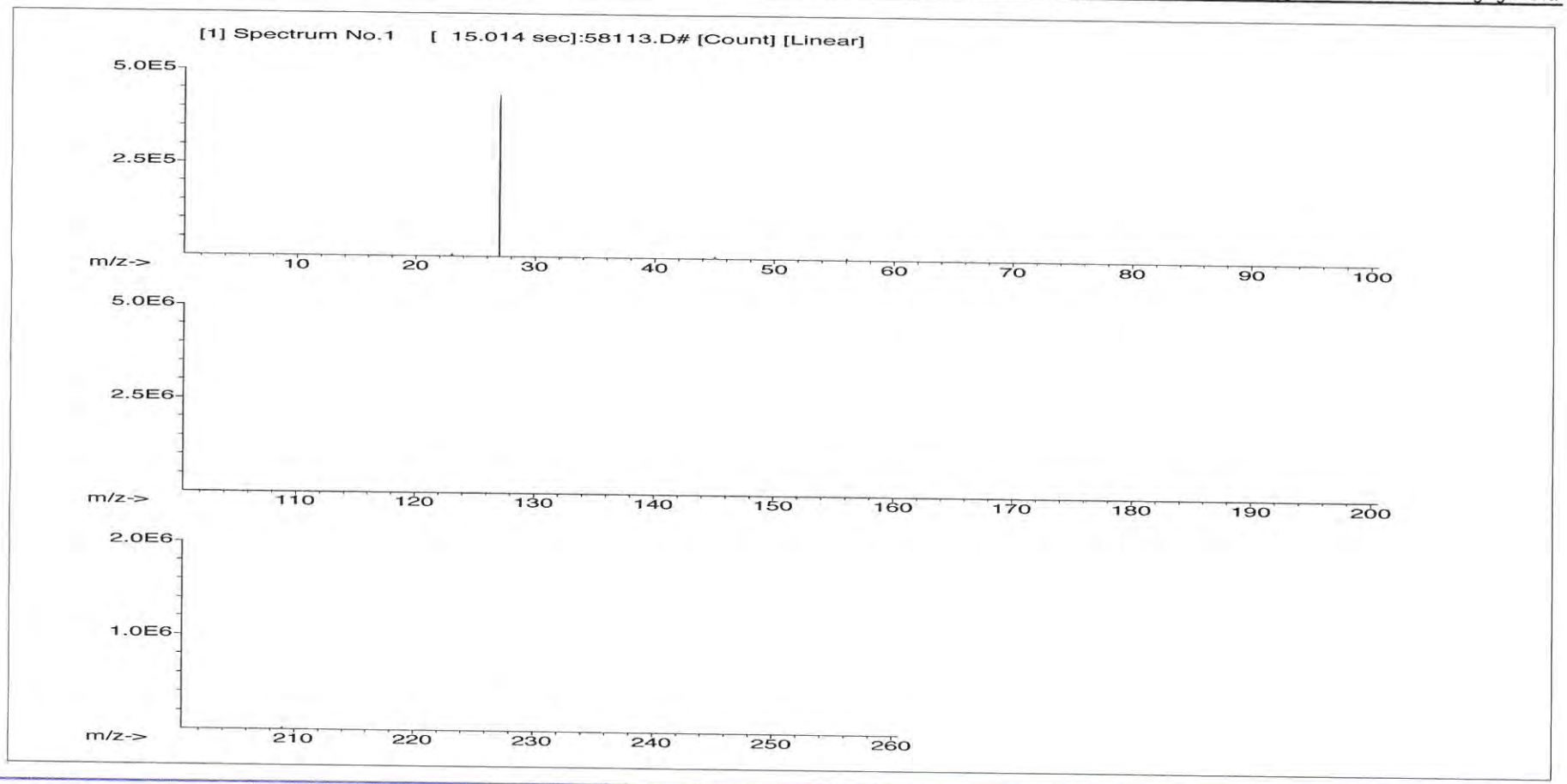
Weight shown below was diluted to (mL): 1999.78

	Lot #		
Solvent:	C471305	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.100	Flask Uncertainty	

Formulated By: Lawrence Barry 123115
Reviewed By: Pedro L. Rentas 123115

M362
ReDate: 06/12/15
Ex: 12/31/18

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity	Uncertainty Purity	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	MSDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALE42013A1	10000.0	99.999	0.10	7.10	281.6625	281.7048	**10001.5**	**20.0**	07784-27-2	5 mg/m3	orl-rat 264 mg/kg 3101a	



M3612 R: 05123/16 Ex: 04/2018
op: 05/26/16

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CERTIFICATE OF ANALYSIS

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ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Certificate

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGSBF1
Lot Number:	J2-SB03035
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea. Sb
Starting Material:	Sb shot
Starting Material Lot#:	1647
Starting Material Purity:	99.9997%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 6 µg/mL - no weighted mean

Certified Density: 1.010 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3102A Lot Number: 061229

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3626
R: 05/13/16
Ex: 12/01/18
Op: 06/02/16

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CERTIFICATE OF ANALYSIS

1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGK10
Lot Number:	J2-K03054
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Potassium
Starting Material:	KNO3
Starting Material Lot#:	1727
Starting Material Purity:	99.9990%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10 003 ± 24 µg/mL

Certified Density: 1.025 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 — **10008 ± 64 µg/mL**
ICP Assay NIST SRM 3141a Lot Number: 140813

Assay Method #2 — **10003 ± 24 µg/mL**
Gravimetric NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3630 R: 05113116

Ex: 10/01/18

BP

INORGANIC VENTURES

CERTIFICATE OF ANALYSIS

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ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGNA10
Lot Number:	J2-NA03138
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Na
Starting Material:	Na2CO3
Starting Material Lot#:	1628 and 1870
Starting Material Purity:	99.9995%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 9991 ± 18 µg/mL

Certified Density: 1.033 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **10015 ± 47 µg/mL**
ICP Assay NIST SRM 3152a Lot Number: 120715

Assay Method #2 **9987 ± 18 µg/mL**
Gravimetric NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3668 R: 8/26/16 Ex: 04/21/20
OP: 08/26/16

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGZN1
Lot Number:	K2-ZN02116
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Zinc
Starting Material:	Zn Shot
Starting Material Lot#:	1887
Starting Material Purity:	99.9994%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 5 µg/mL

Certified Density: 1.011 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **995 ± 3 µg/mL**
ICP Assay NIST SRM 3168a Lot Number: 120629

Assay Method #2 **1001 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3671 Ex: 07/16/18

BH

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ACCREDITED Testing Laboratory Certificate 863.01 ACCREDITED Reference Material Producer Certificate 863.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMG10
Lot Number:	J2-MG03145
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Magnesium
Starting Material:	Mg chips
Starting Material Lot#:	1484
Starting Material Purity:	99.9987%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 9970 ± 24 µg/mL

Certified Density: 1.053 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **9954 ± 58 µg/mL**
ICP Assay NIST SRM 3131a Lot Number: 050302

Assay Method #2 **9973 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3672 Ex: 12/03/17 BH

INORGANIC VENTURES

CERTIFICATE OF ANALYSIS

1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGCA10
Lot Number:	H2-CA04105
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Calcium
Starting Material:	CaO
Starting Material Lot#:	1748
Starting Material Purity:	99.9971%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 9950 ± 24 µg/mL - weighted mean

Certified Density: 1.040 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **9956 ± 50 µg/mL**
ICP Assay NIST SRM 3109a Lot Number: 130213

Assay Method #2 **9948 ± 25 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

ICSB: M3673. M3674 M3675. M3676

Instructions for QATS Reference Material: *ICP-MS ICS* M3677

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS. R: 08/16/11

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled results from the following sources: CLP Pre-award analysis, Quarterly Blind analysis, CLP laboratory referee analysis, and QATS Laboratory analysis.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20	[100000]			[100000]		
Sb	2	(1.5)	-2.5	5.5	22.0	17.6	26.4
As	1	(0.1)	-1.9	2.1	19.0	15.2	22.8
Ba	10	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1	(0)	-2.0	2.0	19.0	15.2	22.8
Cd	1	(0.7)	-1.3	2.7	20.0	16.0	24.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2	21.0	16.8	25.2	40.0	32.0	48.0
Co	1	(1.0)	-1.0	3.0	20.0	16.0	24.0
Cu	2	(8.0)	4.0	12.0	25.0	20.0	30.0
Fe	200	[100000]			[100000]		
Pb	1	(4.0)	2.0	6.0	25.0	20.0	30.0
Mg	500	[100000]			[100000]		
Mn	1	(7.0)	5.0	9.0	27.0	21.6	32.4
Mo		[2000]			[2000]		
Ni	1	(6.0)	4.0	8.0	24.0	19.2	28.8
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1	(0)	-2.0	2.0	18.0	14.4	21.6
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1	(0)	-2.0	2.0	21.0	16.8	25.2
Ti		[2000]			[2000]		
V	5	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	2	(11.0)	7.0	15.0	29.0	23.2	34.8

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
( ) Indicates analyte certified values. The acceptance range is calculated based on +/- 2 times the CRQL.

Instructions for QATS Reference Material: *ICP-MS ICS*

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled results from the following sources: CLP Pre-award analysis, Quarterly Blind analysis, CLP laboratory referee analysis, and QATS Laboratory analysis.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20	[100000]			[100000]		
Sb	2	(1.5)	-2.5	5.5	22.0	17.6	26.4
As	1	(0.1)	-1.9	2.1	19.0	15.2	22.8
Ba	10	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1	(0)	-2.0	2.0	19.0	15.2	22.8
Cd	1	(0.7)	-1.3	2.7	20.0	16.0	24.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2	21.0	16.8	25.2	40.0	32.0	48.0
Co	1	(1.0)	-1.0	3.0	20.0	16.0	24.0
Cu	2	(8.0)	4.0	12.0	25.0	20.0	30.0
Fe	200	[100000]			[100000]		
Pb	1	(4.0)	2.0	6.0	25.0	20.0	30.0
Mg	500	[100000]			[100000]		
Mn	1	(7.0)	5.0	9.0	27.0	21.6	32.4
Mo		[2000]			[2000]		
Ni	1	(6.0)	4.0	8.0	24.0	19.2	28.8
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1	(0)	-2.0	2.0	18.0	14.4	21.6
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1	(0)	-2.0	2.0	21.0	16.8	25.2
Ti		[2000]			[2000]		
V	5	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	2	(11.0)	7.0	15.0	29.0	23.2	34.8

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
( ) Indicates analyte certified values. The acceptance range is calculated based on +/- 2 times the CRQL.

For ICP-MS use: dilute the ICV1 concentrate 50-fold with 1% (v/v) nitric acid; pipet 2 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0508 For the cold vapor analysis of mercury by AA: dilute the ICV5 concentrate 100-fold with 2% (v/v) nitric acid; pipet 1 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide: dilute the ICV6 concentrate 100-fold with Type II water; pipet 1 mL of the concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

ICV1-0307

IV13740
IV13741
IV13742
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(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-0307		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2521	504
Sb	994	199
As	999	200
Ba	497	99
Be	495	99
Cd	496	99
Ca	10026	2005
Cr	490	98
Co	499	100
Cu	492	98
Fe	5082	1016
Pb	1002	200
Mg	6074	1215
Mn	499	100
Ni	503	101
K	10021	2004
Se	1029	206
Ag	501	100
Na	10097	2019
Tl	1028	206
V	501	100
Zn	1025	205

ICV5-0508		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

M3758 R: 09/20/16 Ex: 09/13/19
O: 10/03/16

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CERTIFICATE OF ANALYSIS

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO Guide 34, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CHEM-QC-4
Lot Number:	K2-MEB651765
Matrix:	3% (v/v) HNO3 3% (v/v) HF
Value / Analyte(s):	1 000 µg/mL ea: Boron, Molybdenum, Silicon, Tin, Titanium

Second Source: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Boron, B	1 000 ± 6 µg/mL	Molybdenum, Mo	1 000 ± 4 µg/mL
Silicon, Si	1 000 ± 6 µg/mL	Tin, Sn	1 000 ± 5 µg/mL
Titanium, Ti	1 000 ± 6 µg/mL		

Certified Density: 1.033 g/mL (measured at 20 ± 1 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	110830
Mo	ICP Assay	3134	130418
Mo	Calculated		See Sec. 4.2
Si	ICP Assay	3150	071204
Si	Calculated		See Sec. 4.2
Sn	ICP Assay	3161a	070330
Ti	ICP Assay	3162a	060808
Ti	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3759 R:09/20/16 Ex:09/13/19

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O: 10/03/16

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ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CHEM-CLP-4
Lot Number:	K2-MEB651764
Matrix:	3% (v/v) HNO3 3% (v/v) HF
Value / Analyte(s):	1 000 µg/mL ea: Boron, Molybdenum, Silicon, Tin, Titanium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Boron, B	1 000 ± 6 µg/mL	Molybdenum, Mo	1 000 ± 5 µg/mL
Silicon, Si	1 000 ± 6 µg/mL	Tin, Sn	1 000 ± 4 µg/mL
Titanium, Ti	1 000 ± 6 µg/mL		

Certified Density: 1.030 g/mL (measured at 20 ± 1 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	110830
Mo	ICP Assay	3134	130418
Si	ICP Assay	3150	130912
Sn	ICP Assay	3161a	070330
Sn	Calculated		See Sec. 4.2
Ti	ICP Assay	3162a	130925

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3760 R: 09/20/16 D: 10/03/16 Ex: 05/17/20

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGP10
Lot Number:	K2-P02069
Matrix:	H2O
Value / Analyte(s):	10 000 µg/mL ea: Phosphorus
Starting Material:	H3PO4
Starting Material Lot#:	1881
Starting Material Purity:	100.0000%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 9947 ± 31 µg/mL

Certified Density: 1.015 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **9968 ± 53 µg/mL**
ICP Assay NIST SRM 3139a Lot Number: 060717

Assay Method #2 **9943 ± 21 µg/mL**
Acidimetric NIST SRM 84L Lot Number: 84L

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3783 R: 11/18/16 Ex: 02/27/20
OP: 11/30/16

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGFE10
Lot Number:	K2-FE04057
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 000 µg/mL ea: Iron
Starting Material:	Iron Metal
Starting Material Lot#:	2031
Starting Material Purity:	99.9970%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10 003 ± 26 µg/mL

Certified Density: 1.041 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **9998 ± 26 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

Assay Method #2 **10038 ± 66 µg/mL**
ICP Assay NIST SRM 3126a Lot Number: 140812

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3785, M3786 R: 11/18/16 Ex: 07/19/2020
OP: 11/30/16

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGBA1
Lot Number:	K2-BA650002
Matrix:	0.1% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Barium
Starting Material:	Ba(NO3)2
Starting Material Lot#:	1894
Starting Material Purity:	99.9986%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 999 ± 4 µg/mL

Certified Density: 1.000 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1000 ± 4 µg/mL**
ICP Assay NIST SRM 3104a Lot Number: 140909

Assay Method #2 **999 ± 3 µg/mL**
Gravimetric NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3787 R: 11/18/16 Ex: 03/11/2020
OP: 11/30/16

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGB1
Lot Number:	K2-B02134
Matrix:	H2O
Value / Analyte(s):	1 000 µg/mL ea: Boron
Starting Material:	H3BO3
Starting Material Lot#:	1631
Starting Material Purity:	99.9998%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 6 µg/mL

Certified Density: 1.001 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1003 ± 4 µg/mL**
ICP Assay NIST SRM 3107 Lot Number: 110830

Assay Method #2 **1000 ± 7 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

IV13792 R: 12/08/16
OP : 12/08/16

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGS10
Lot Number:	K2-S02040
Matrix:	H2O
Value / Analyte(s):	10 000 µg/mL ea: Sulfur
Starting Material:	H2SO4
Starting Material Lot#:	11478
Starting Material Purity:	100.0000%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10 048 ± 67 µg/mL

Certified Density: 1.018 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **10048 ± 21 µg/mL**
Acidimetric NIST SRM 84L Lot Number: 84L

Assay Method #2 **10052 ± 75 µg/mL**
ICP Assay NIST SRM 3154 Lot Number: 892205

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3812 R: 01/30/17 DP: 01/30/17

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ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGSE(4)1
Lot.Number:	J2-SE02058
Matrix:	2% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Se
Starting Material:	Se Shot
Starting Material Lot#:	1616
Starting Material Purity:	99.9995%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 4 µg/mL - weighted mean

Certified Density: 1.011 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 **1004 ± 4 µg/mL**
ICP Assay NIST SRM 3149 Lot Number: 100901

Assay Method #2 **1000 ± 5 µg/mL**
Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M38 R: 01/30/17
Ex: 01/30/17

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGSI1
Lot Number:	J2-SI03059
Matrix:	tr. HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Silicon
Starting Material:	Fumed Silica
Starting Material Lot#:	1771
Starting Material Purity:	99.9931%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1 000 ± 6 µg/mL

Certified Density: 1.003 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1	**1000 ± 5 µg/mL** ICP Assay NIST SRM 3150 Lot Number: 130912
Assay Method #2	**1000 ± 7 µg/mL** Calculated NIST SRM Lot Number: See Sec. 4.2

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

M3814 R: 01/30/17
OP: 01/30/17

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ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGCD1
Lot Number:	K2-CD650193
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Cadmium
Starting Material:	Cd shot
Starting Material Lot#:	1816
Starting Material Purity:	99.9999%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 999 ± 5 µg/mL

Certified Density: 1.015 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1 — **999 ± 4 µg/mL**
ICP Assay NIST SRM 3108 Lot Number: 130116

Assay Method #2 — **999 ± 3 µg/mL**
EDTA NIST SRM 928 Lot Number: 928

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

R: 01/23/17

INORGANIC VENTURES

CERTIFICATE OF ANALYSIS

M3838, M3839, M3840, M3841, M3842

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	K2-MEB650113
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea: Silver, Aluminum, Arsenic, Barium, Beryllium, Calcium, Cadmium, Cobalt, Chromium+3, Copper, Iron, Potassium, Magnesium, Manganese, Sodium, Nickel, Lead, Antimony, Selenium, Thallium, Vanadium, Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	20.00 ± 0.11 µg/mL	Antimony, Sb	20.00 ± 0.13 µg/mL
Arsenic, As	20.00 ± 0.18 µg/mL	Barium, Ba	20.00 ± 0.10 µg/mL
Beryllium, Be	20.00 ± 0.13 µg/mL	Cadmium, Cd	20.00 ± 0.10 µg/mL
Calcium, Ca	20.00 ± 0.11 µg/mL	Chromium+3, Cr3	20.00 ± 0.11 µg/mL
Cobalt, Co	20.00 ± 0.11 µg/mL	Copper, Cu	20.00 ± 0.10 µg/mL
Iron, Fe	20.00 ± 0.08 µg/mL	Lead, Pb	20.00 ± 0.11 µg/mL
Magnesium, Mg	20.00 ± 0.11 µg/mL	Manganese, Mn	20.00 ± 0.10 µg/mL
Nickel, Ni	20.00 ± 0.10 µg/mL	Potassium, K	20.00 ± 0.11 µg/mL
Selenium, Se	20.00 ± 0.12 µg/mL	Silver, Ag	20.00 ± 0.10 µg/mL
Sodium, Na	20.00 ± 0.11 µg/mL	Thallium, Tl	20.00 ± 0.11 µg/mL
Vanadium, V	20.00 ± 0.10 µg/mL	Zinc, Zn	20.00 ± 0.10 µg/mL

Certified Density: 1.023 g/mL (measured at 20 ± 1 °C)

Assay Information:

Absolute Standards, Inc.
865-368-1131
www.absolutestandards.com

M3845

R: 03/30/17

Certified Reference Material CRM

ISO 9001 QS Registered
ISO 17025-34-35-43 Accredited
Scopes: http://AbsoluteStandards.com

2013-MET-ALS

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 032917
Description: Sodium (Na)

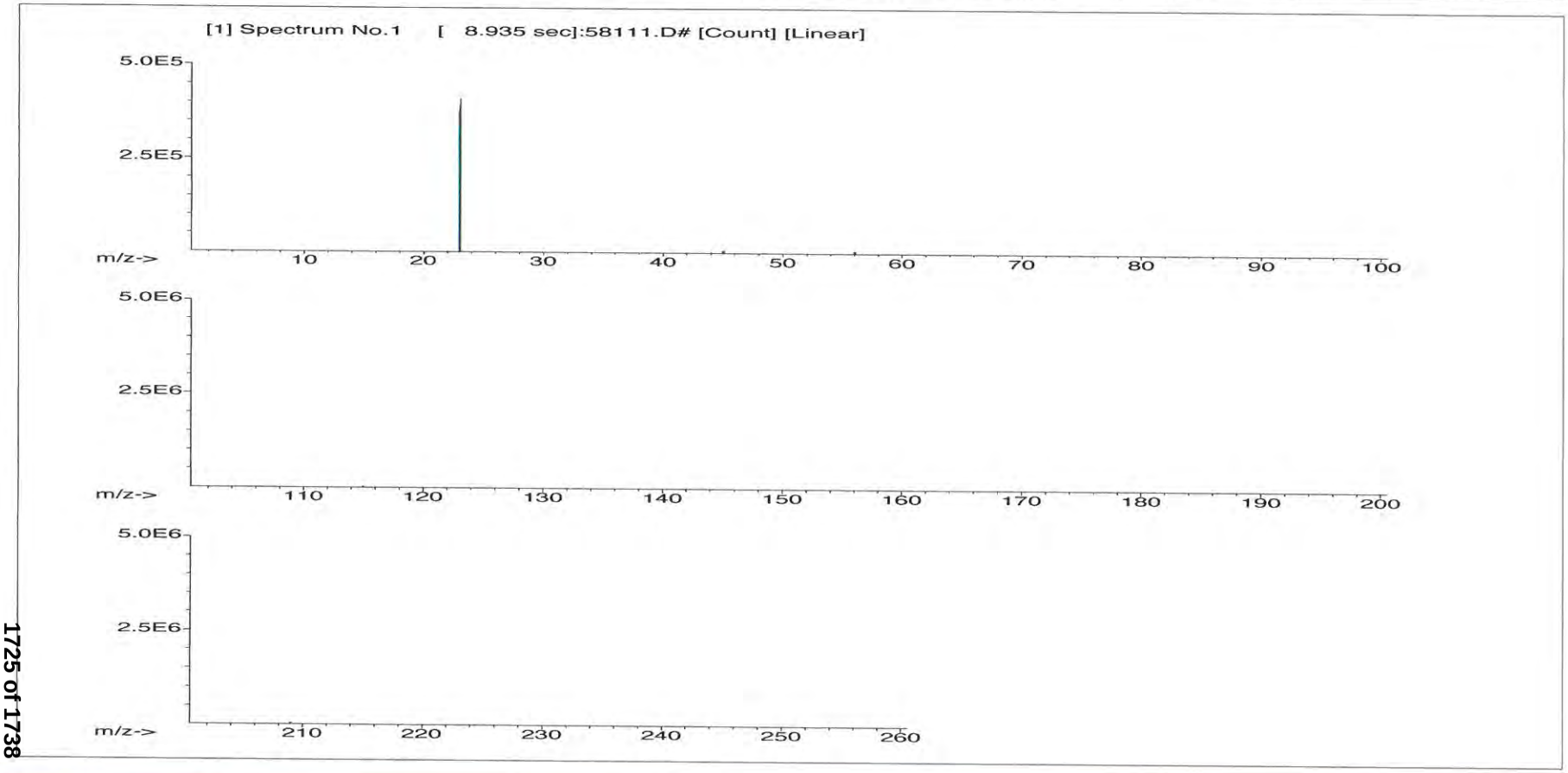
Expiration Date: 032920
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 822-275872-11
Weight shown below was diluted to (mL): 1999.08

	Lot #		
Solvent:	C689589	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	032917
Reviewed By:	Pedro L. Rentas	032917

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015A1	10000	99.999	0.10	27.0	74.0408	74.0521	**10001.5**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3236 mg/kg	3152a



1725 of 1738

M3846 R: 04/04/17

INORGANIC VENTURES

CERTIFICATE OF ANALYSIS

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO Guide 34, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (SAI Global File Number 010105).

ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGPB1
Lot Number:	K2-PB03074
Matrix:	0.5% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Lead
Starting Material:	Lead nitrate
Starting Material Lot#:	1840 and 1908
Starting Material Purity:	99.9994%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value:	1003 ± 4 µg/mL
Certified Density:	1.002 g/mL (measured at 20 ± 1 °C)

Assay Information:

Assay Method #1	**1003 ± 3 µg/mL** EDTA NIST SRM 928 Lot Number: 928
Assay Method #2	**1003 ± 4 µg/mL** ICP Assay NIST SRM 3128 Lot Number: 101026

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

M3850
Rec - 04/12/17
Exp - 10/11/21

Part of AVANTOR™ PERFORMANCE MATERIALS

Material No.: 9530-33
Batch No.: 0000162118
Manufactured Date: 2016/10/12
Retest Date: 2021/10/11

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.7
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	< 1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.191
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	1.3
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	2.2
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	37.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor Performance Materials, LLC.
3477 Corporate Parkway. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

Material No.: 9530-33
Batch No.: 0000162118

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	<1
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	1.0
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	< 0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 3.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	0.4
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	0.8
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	< 0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

ISO
Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008

James Ethier
Jamie Ethier
Vice President Global Quality

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Avantor Performance Materials, LLC.
3477 Corporate Parkway. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

Nitric Acid, 69.0-70.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

M3852
Rec - 04/24/17
Exp - 01/18/22

Part of AVANTOR™ PERFORMANCE MATERIALS

Material No.: 9598-34
Batch No.: 0000165097
Manufactured Date: 2017/01/19
Retest Date: 2022/01/18

Certificate of Analysis

Test	Specification	Result
ACS - Assay (HNO_3)	69.0 - 70.0 %	69.7
Appearance	Passes Test	PT
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 2 ppm	< 1
ACS - Specific Gravity at 60°/60°F	1.416 - 1.420	1.420
Chloride (Cl)	<= 0.04 ppm	< 0.03
Phosphate (PO_4)	<= 0.1 ppm	<0.01
Sulfate (SO_4)	<= 0.4 ppm	< 0.2
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	2.0
Arsenic and Antimony (as As)	<= 5 ppb	< 2
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 1.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 4.0 ppb	< 0.7
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	2.0
Trace Impurities - Chromium (Cr)	<= 10.0 ppb	3.0
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	0.2
Trace Impurities - Gallium (Ga)	<= 20.0 ppb	< 0.2
Trace Impurities - Germanium (Ge)	<= 4.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 10.0 ppb	0.8

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor Performance Materials, LLC.
3477 Corporate Parkway. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

Material No.: 9598-34
Batch No.: 0000165097

Test	Specification	Result
Trace Impurities - Lead (Pb)	<= 0.5 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	0.2
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	< 0.1
Trace Impurities - Molybdenum (Mo)	<= 5.0 ppb	< 3.0
Trace Impurities - Nickel (Ni)	<= 1.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	0.2
Trace Impurities - Potassium (K)	<= 5.0 ppb	< 2.0
Trace Impurities - Silicon (Si)	<= 20.0 ppb	0.8
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 200.0 ppb	2.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 2.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	< 0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

ISO
Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008

James Ethier
Jamie Ethier
Vice President Global Quality

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R: 01/23/17

INORGANIC VENTURES
300 Technology Drive
Christiansburg, VA 24073 | USA
inorganicventures.com

CERTIFICATE OF ANALYSIS

toll: 800.669.6792 - 540.585.3030
fax: 540.585.3012
mail@inorganicventures.com

M3867, M3868, M3869, M3870, M3871
M3872, M3873, M3874, M3875, M3876

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO Guide 34, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	K2-MEB651921
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium, Indium,
6-Lithium, Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.04 µg/mL	Bismuth, Bi	10.00 ± 0.04 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.05 µg/mL
Rhodium, Rh	10.00 ± 0.06 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Certified Density: 1.035 g/mL (measured at 20 ± 1 °C)

Assay Information:

Nitric Acid, 69.0-70.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

M 3879
Rec: - 05/02/17
Exp: - 02/01/22

Part of AVANTOR™ PERFORMANCE MATERIALS

Material No.: 9598-34
Batch No.: 0000163347
Manufactured Date: 2017/01/03
Retest Date: 2022/01/02

Certificate of Analysis

Test	Specification	Result
ACS - Assay (HNO_3)	69.0 - 70.0 %	69.7
Appearance	Passes Test	PT
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 2 ppm	< 1
ACS - Specific Gravity at 60°/60°F	1.416 - 1.420	1.420
Chloride (Cl)	<= 0.04 ppm	< 0.03
Phosphate (PO_4)	<= 0.1 ppm	<0.01
Sulfate (SO_4)	<= 0.4 ppm	< 0.2
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	0.8
Arsenic and Antimony (as As)	<= 5 ppb	< 2
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 1.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 4.0 ppb	< 0.7
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	2.0
Trace Impurities - Chromium (Cr)	<= 10.0 ppb	3.0
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	0.3
Trace Impurities - Gallium (Ga)	<= 20.0 ppb	< 0.2
Trace Impurities - Germanium (Ge)	<= 4.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 10.0 ppb	0.5

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
Avantor Performance Materials, LLC.
3477 Corporate Parkway. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

Material No.: 9598-34
Batch No.: 0000163347

Test	Specification	Result
Trace Impurities - Lead (Pb)	<= 0.5 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	0.2
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	< 0.1
Trace Impurities - Molybdenum (Mo)	<= 5.0 ppb	< 3.0
Trace Impurities - Nickel (Ni)	<= 1.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 5.0 ppb	< 2.0
Trace Impurities - Silicon (Si)	<= 20.0 ppb	0.8
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 200.0 ppb	2.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 2.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	< 0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

ISO
Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008

James Ethier
Jamie Ethier
Vice President Global Quality

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Avantor Performance Materials, LLC.
3477 Corporate Parkway. Center Valley, PA 18034. U.S.A. Phone: 610.573.2600 . Fax: 610.573.2610

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ISO 9001 QS Registered
ISO 17025-34-35-43 Accredited
Scopes: http://AbsoluteStandards.com

~~M3475~~ M3470

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57038**	C471305	Nitric Acid		
Lot Number:	**071415**				
Description:	**Strontium (Sr)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	071418				
	Storage: 20 °C				
Nominal Concentration (µg/mL):	**1000**				
		5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.24	0.148	Flask Uncertainty		

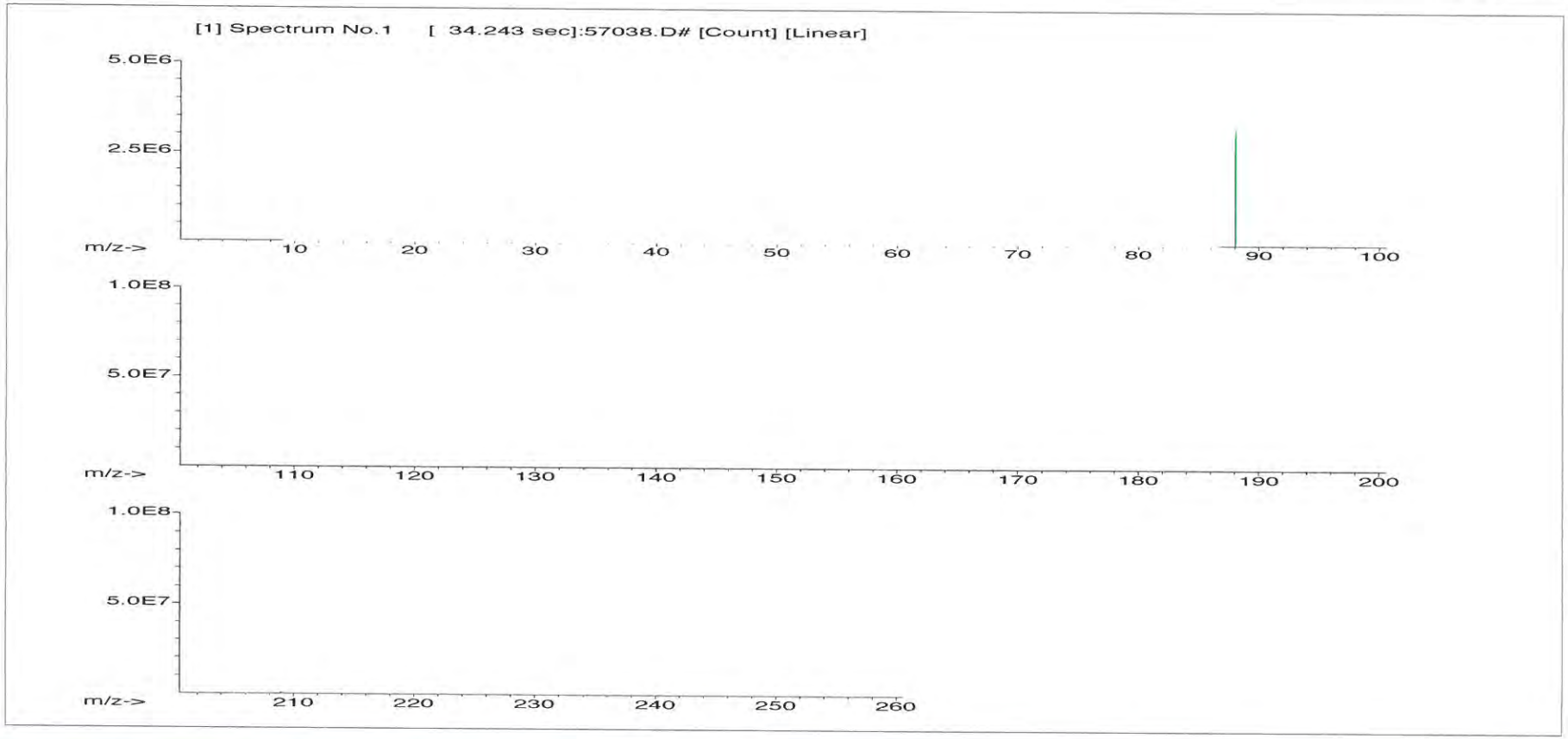
Gabriel Helland

Formulated By:	Gabriel Helland	071415

Pedro Rentas

Reviewed By:	Pedro L. Rentas	071415

Compound	Part Number	Lot Number	Dilution Factor	Initial Volume	Uncertainty Pipette	Initial Conc. (µg/mL)	**Final Conc. (µg/mL)**	Expanded Uncertainty (+/-)	MSDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	58138	032014	0.1000	200.0	0.013	10001.3	**1000.0**	0.00212	10042-76-9	N/A	orl-rat 2750mg/kg	3153a



SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. I2979
COC Number 040689

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LiRo Engineers, Inc.
ADDRESS: 690 Delaware Ave.
CITY: Buffalo STATE: NY ZIP: 14209
ATTENTION: Jon Williams
PHONE: 716-882-5476 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Bern Metals
PROJECT NO.: LOCATION:
PROJECT MANAGER: Steve Frank
e-mail: williamsj@liro.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 10 DAYS *
EDD: 10 DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☒ LEVEL 4: Results + QC (all raw data)
☒ EDD Format: NYSDEC EDD

ANALYSIS

TCL/TAL Lead

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	RD-2	GW		X	5/3/17	1135	1	X									
2.	RD-Dup	"		X	"	1145	1	X									
3.	RD-4	"		X	"	1225	1	X									
4.	RD-1	"		X	"	1320	1	X									
5.	RD-5	"		X	"	1355	1	X									
6.	RD-3R	"		X	"	1435	1	X									
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5/3/17 1530	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 8:30 5-4-17	RECEIVED FOR LAB BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp. 4.5
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: Ice in Cooler?: Yes

Page ____ of ____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

I2979

ORIGIN ID:BUFA (716) 882-5476
ANNETTE GORECKI
LIRO ENGINEERS, INC.
690 DELAWARE AVENUE

BUFFALO, NY 14209
UNITED STATES US

SHIP DATE: 03MAY17
ACTWGT: 10.00 LB
CAD: 3617528/INET3850
DIMS: 12x12x9 IN

BILL SENDER

TO SAMPLE RECIEVING
CHEMTECH
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092
(908) 789-8900 REF:
INV:
PO: DEPT:

8:30
5-4-17
4.5

546J1/8734/53C1

FedEx Express

THU - 04 MAY 8:00A
FIRST OVERNIGHT

TRK# 0201 7790 5551 0736

N1 CDWA

07092
NJ-US EWR

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Maine	2012025
Maryland	296
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5