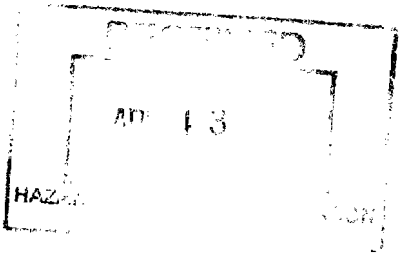
INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME LRT CITY/STATE _____
CASE NO. 7354A SDG NO. 7354A SDG NOS. TO FOLLOW _____ _____ _____ SAS NO. _____
CONTRACT NO. _____ ASP DATE 12/91

All documents delivered in the complete SDG file must be original documents where possible. (REFERENCE EXHIBIT B, SECTION II AND III.)

		PAGE NOS. FROM	PAGE NOS. TO	CHECK LAB	CHECK NYSDEC
1.	Inventory Sheet (Form DC-2) (Do not number)	—	—	✓	—
2.	Cover Page / CASE NARRATIVE	1	2	✓	—
3.	Inorganic Analysis Data Sheet (FORM I - IN)	3	20	✓	—
4.	Initial & Continuing Calibration Verification (FORM IIA - IN)	21	32	✓	—
5.	CRDL Standards For AA and ICP (FORM IIB - IN)	33	35	✓	—
6.	Blanks (FORM III - IN)	36	43	✓	—
7.	ICP Interference Check Sample (FORM IV - IN)	44	44	✓	—
8.	Spike Sample Recovery (FORM VA - IN)	45	45	✓	—
9.	Post Digest Spike Sample Recovery (FORM VB - IN)	—	—	✓	—
10.	Duplicates (FORM VI - IN)	46	46	✓	—
11.	Laboratory Control Sample (FORM VII - IN)	47	49	✓	—
12.	Standard Addition Results (FORM VIII - IN)	—	—	—	—
13.	ICP Serial Dilutions (FORM IX - IN)	50	50	✓	—
14.	Instrument Detection Limits (FORM X - IN)	51	53	✓	—
15.	ICP Interelement Correction Factors (FORM XIA - IN)	54	54	✓	—
16.	ICP Interference Correction Factors (FORM XIB - IN)	55	56	✓	—
17.	ICP Linear Ranges (FORM XII - IN)	57	57	✓	—
18.	Preparation Log (FORM XIII - IN)	59	61	✓	—
19.	Analysis Run Log (FORM XIV - IN)	62	71	✓	—
✓ 20.	ICP Raw Data	72	259	✓	—
✓ 21.	Furnace AA Raw Data				—
✓ 22.	Mercury Raw Data	260	702	✓	—

FORM DC-2-IN-1



AGFA -T607354 (TAL-metals)

INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET (Cont.)

CASE NO. 7354A SDG NO. 7354A SDG NOS. TO FOLLOW _____ _____ _____ SAS NO. _____

	PAGE NOS: FROM	TO	CHECK LAB	NYSDEC
23. Cyanide Raw Data				
✓ 24. Preparation Logs Raw Data	703	733	✓	
25. Percent Solids Determination Log				
26. Contract Lab Sample Information Sheet (CLSIS)				
27. NYSDEC Shipping/Receiving Documents				
Airbill (No. of Shipments ____)				
✓ Chain-of-custody Records	734	735	✓	
Sample Tags				
✓ Sample Log-in Sheet (Lab & DC1)	736	737	✓	
✓ SDG Cover Sheet	738	738	✓	
28. Misc Shipping/Receiving Records (list all individual records) Telephone Logs				
_____				
_____				
29. Internal Lab Sample Transfer Records & Transfer Sheets (describe or list)				
✓ I-C-P-C	739	740	✓	
✓ Metals Dep. Batch sheet	741	741	✓	
30. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records _____				
Analysis Records _____				
Description _____				
31. Other Records (describe or list)				
Telephone Communications Log				
✓ ID C Study	742	751	✓	
_____				
32. Comments:				

Completed by (CLP Lab)

M. Amirsoleymani (Signature) — M. Amirsoleymani, QA Officer (Print Name & Title) — 9/3/96 (Date)

Audited by (NYSDEC)

_____ (Signature) — _____ (Print Name & Title) — _____ (Date)

FORM DC-2-IN-2

To be included with all lab data and with each workplan

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS Method #	*BNA GC/MS Method #	*VOA GC Method #	*Pest PCBs Method #	*Metals TAL-metals ASP 12/91	*Other
MW-5	T607354-01					"	
MW-7S	-02					"	
R-BLK1	-03					"	
MW-7D	-04					"	
F-BLK	-05					"	
MW-1	-06					"	
MW-6	-07					"	
MW-11	-08					"	
MW-4	-09					"	
MW-2	-10					"	
R-BLK2	-11					"	
MW-10	-12					"	
MW-9	-13					"	
MW-3	-14					"	
MW-2A	-15					"	
R-BLK3	-16					"	
TBLK	-17					"	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Analyzed
T607354-01	water	TAL-metals ASP 12/91	7-24-96	* see below
-02				
-03				
-04				
-05				
-06				
-07				
-08				
-09				
-10				
-11				
-12				
-13				
-14				
-15				
-16				
-17				

* ICP analyzed on 8/21/96

Hg " " on 8/7/96
8/9/96
8/12/96

Laboratory Resources INC.
'erboro Division
Hollister Road
Peterboro, New Jersey 07608
FAX: 201-288-5311
201-288-3700

SDG CASE NARRATIVE

INORGANICS (TAL-METALS) NYASP 12/91

Lab Name: LRI Client: AGFA

Project: Peerless Photo Site Job No.: T607354

CASE No. : 7354A SDG No. : 735401

The following samples are included in this Sample Delivery Group:

LAB ID #	Matrix	CLIENT ID #	ID to be used on forms
T607354-01	water	MW-5	MW-5
T607354-02	water	MW-7S	MW-7S
T607354-03	water	Rinsate Blk-1	R-BLK1
T607354-04	water	MW-7D	MW-7D
T607354-05	water	Field Blank	F-BLK
T607354-06	water	MW-1	MW-1
T607354-07	water	MW-6	MW-6
T607354-08	water	MW-11	MW-11
T607354-09	water	MW-4	MW-4
T607354-10	water	MW-2	MW-2
T607354-11	water	Rinsate Blk-2	R-BLK2
T607354-12	water	MW-10	MW-10
T607354-13	water	MW-9	MW-9
T607354-14	water	MW-3	MW-3
T607354-15	water	MW-2A	MW-2A
T607354-16	water	Rinsate Blk-3	R-BLK3
T607354-17	water	Trip Blank	T-BLK

Detailed Documentation of Problems Encountered With These samples:

General

1. Please note that for the cross reference check the Lab sample ID. with Client ID. is listed above on this case narrative.

2. All the above water samples for TAL-Metals and Cyanide analysis as per Chain-of-Custody were performed at LRI NJ- Div. for the above work order in one data package with CASE # 7354A and SDG # 735401.

METALS:

- Please note that the client sample number with the sample description is too many characters, therefore as per the software being used for data processing (Ward Scientific Software) only six characters can be used for EPA sample number. Never-the-less for the cross reference check the Lab sample ID. with Client ID. is listed above on this case narrative.

- Please be advised that LRI uses the Ward Scientific Software for data processing of CLP Inorganic Packages, the software is designed to accommodate one SDG at a time made of twenty samples or less of the same matrix.

1. The Inorganic ASP CLP data package contains respectively in this order: Case narrative followed by Forms I to XIV, ICP raw data, Mercury raw data and finally the last part is General such as sample preparation log and Chain-of-Custody, Sample Log-in-sheet, Internal Chain-of-Custody followed by metals department batch sheet and IDL study.

2. Sample T607354-01 (MW-5) was analyzed for QC (duplicate and digestion spike) for ICP and Mercury in a batch of 20 samples, the same sample was analyzed for ICP serial dilution and it covers the above work order.

3. On August 07, 1996, Mercury analysis run the CCV-3 failed at low recovery, it was immediately re-run and all CLP requirements were met on the re-analysis, all samples were re-run, PBW and LCSW was acceptable. Mercury QC sample MW-5 along with other QC was re-preped and re-run due to failed CCV, and MS was later re-preped due to wong spike.

4. ICP analysis date 8/21/96, all samples were re-run due to failed CCB for Al, all samples were rerun and all CLP requirements were met on the re-analysis.

I certify that this 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 hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

09-03-96

Moe Amirsoleymani
CLP/ASP, QA/QC Manager

NYSDEC ASP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

SOW No.: 3/90_

NYSDEC Sample No.	Lab Sample ID.
F-BLK	0735405
MW-1	0735406
MW-10	0735412
MW-11	0735408
MW-2	0735410
MW-2A	0735415
MW-3	0735414
MW-4	0735409
MW-5	0735401
MW-5D	0735401D
MW-5S	0735401S
MW-6	0735407
MW-7D	0735404
MW-7S	0735402
MW-9	0735413
R-BLK1	0735403
R-BLK2	0735411
R-BLK3	0735416
T-BLK	0735417

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES
If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Lab Manager: Michael Polidori

Date: 9/03/96 Senior Analyst

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-5

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735401___

Level (low/med): LOW__ Date Received: 07/24/96

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	262			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	39.8	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	7550			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	308			P
7439-92-1	Lead	2.1	B		P
7439-95-4	Magnesium	3690	B		P
7439-96-5	Manganese	47.0			P
7439-97-6	Mercury	0.09	B		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	2370	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	17700			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	13.8	B		P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-7S

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735402

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	321			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	39.2	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	13700			P
7440-47-3	Chromium	10.1			P
7440-48-4	Cobalt	2.4	B		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	428			P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	7540			P
7439-96-5	Manganese	253			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	14.7	B		P
7440-09-7	Potassium	1990	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	12800			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	36.5			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

R-BLK1

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735403

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	150	B		P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	1.4	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	501	B		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	24.0	U		P
7439-92-1	Lead	2.2	B		P
7439-95-4	Magnesium	69.8	B		P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	120	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	173	U		P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	17.7	B		P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-7D

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735404

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	806			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	41.9	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	16900			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	1050			P
7439-92-1	Lead	3.4			P
7439-95-4	Magnesium	6590			P
7439-96-5	Manganese	462			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	21.6	B		P
7440-09-7	Potassium	3670	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	11300			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.4	B		P
7440-66-6	Zinc	25.0			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

F-BLK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735405

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	164	B		P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	1.5	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	593	B		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	24.0	U		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	89.4	B		P
7439-96-5	Manganese	1.8	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	194	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	256	B		P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	20.0			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-1

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735406

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1060			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	59.5	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	9800			P
7440-47-3	Chromium	6.7	B		P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	4.4	B		P
7439-89-6	Iron	2510			P
7439-92-1	Lead	4.6			P
7439-95-4	Magnesium	4200	B		P
7439-96-5	Manganese	276			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	5.7	B		P
7440-09-7	Potassium	2460	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.2	B		P
7440-23-5	Sodium	12900			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	2.8	B		P
7440-66-6	Zinc	26.3			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-6

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735407

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	218			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	24.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	192			P
7440-70-2	Calcium	14700			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	1.2	B		P
7439-89-6	Iron	141			P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	5990			P
7439-96-5	Manganese	28.2			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	6.7	B		P
7440-09-7	Potassium	2590	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	16300			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	35.4			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-11

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735408

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	180	B		P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	22.4	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	177			P
7440-70-2	Calcium	13200			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.1	B		P
7440-50-8	Copper	5.9	B		P
7439-89-6	Iron	53.2	B		P
7439-92-1	Lead	3.9			P
7439-95-4	Magnesium	5480			P
7439-96-5	Manganese	24.8			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	15.3	B		P
7440-09-7	Potassium	2280	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	14400			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	30.3			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-4

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735409

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	220			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	79.9	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	10.9			P
7440-70-2	Calcium	11500			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	161			P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	6220			P
7439-96-5	Manganese	258			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	4370	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	17400			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	44.4			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-2

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735410

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	829			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	51.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	84.7			P
7440-70-2	Calcium	8950			P
7440-47-3	Chromium	7.7	B		P
7440-48-4	Cobalt	2.4	B		P
7440-50-8	Copper	4.5	B		P
7439-89-6	Iron	2110			P
7439-92-1	Lead	3.0			P
7439-95-4	Magnesium	4570	B		P
7439-96-5	Manganese	256			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	11.7	B		P
7440-09-7	Potassium	2460	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	2.4	B		P
7440-66-6	Zinc	41.2			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

R-BLK2

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735411

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	177	B		P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	1.4	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	671	B		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	24.0	U		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	84.2	B		P
7439-96-5	Manganese	1.0	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	214	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	255	B		P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	20.8			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-10

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735412

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	249			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	20.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	14.9			P
7440-70-2	Calcium	7580			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	150			P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	3700	B		P
7439-96-5	Manganese	29.4			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	1610	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	8510			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	23.8			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-9

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735413

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2940			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	68.7	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	18.1			P
7440-70-2	Calcium	9000			P
7440-47-3	Chromium	15.6			P
7440-48-4	Cobalt	7.8	B		P
7440-50-8	Copper	20.4	B		P
7439-89-6	Iron	9580			P
7439-92-1	Lead	14.7			P
7439-95-4	Magnesium	4740	B		P
7439-96-5	Manganese	871			P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	11.4	B		P
7440-09-7	Potassium	2600	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.4	B		P
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	10.3	B		P
7440-66-6	Zinc	61.0			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-3

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735414

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	242			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	21.3	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	13.4			P
7440-70-2	Calcium	6750			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	2.9	B		P
7439-89-6	Iron	199			P
7439-92-1	Lead	3.8			P
7439-95-4	Magnesium	3560	B		P
7439-96-5	Manganese	5.7	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	1610	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	9120			P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	19.6	B		P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

MW-2A

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735415

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	257			P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	7.9	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	8.8			P
7440-70-2	Calcium	5020			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	3.3	B		P
7439-89-6	Iron	397			P
7439-92-1	Lead	2.1	B		P
7439-95-4	Magnesium	1900	B		P
7439-96-5	Manganese	14.2	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	6.0	B		P
7440-09-7	Potassium	823	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.2	B		P
7440-23-5	Sodium	4780	B		P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	144			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

R-BLK3

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735416

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	189	B		P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	2.8	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	821	B		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	48.4	B		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	111	B		P
7439-96-5	Manganese	3.8	B		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	163	B		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	281	B		P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	21.0			P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

T-BLK

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

Matrix (soil/water): WATER Lab Sample ID: 0735417

Level (low/med): LOW Date Received: 07/24/96

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	174	B		P
7440-36-0	Antimony	6.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	1.1	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	450	B		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	1.0	U		P
7439-89-6	Iron	24.0	U		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	70.2	B		P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	0.08	U		CV
7440-02-0	Nickel	3.0	U		P
7440-09-7	Potassium	82.0	U		P
7782-49-2	Selenium	3.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	173	U		P
7440-28-0	Thallium	6.0	U		P
7440-62-2	Vanadium	1.0	U		P
7440-66-6	Zinc	16.2	B		P
5955-70-0	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum	50000.0	49145.14	98.3	50000.0	49793.14	99.6	49872.55	99.7	P
Antimony	500.0	497.78	99.6	500.0	505.66	101.1	515.39	103.1	P
Arsenic	500.0	488.01	97.6	500.0	500.69	100.1	498.21	99.6	P
Barium	500.0	489.32	97.9	500.0	498.28	99.7	502.24	100.4	P
Beryllium	500.0	483.28	96.7	500.0	488.55	97.7	489.02	97.8	P
Cadmium	500.0	481.99	96.4	500.0	488.63	97.7	491.58	98.3	P
Calcium	50000.0	50031.66	100.1	50000.0	50587.08	101.2	50583.91	101.2	P
Chromium	500.0	489.02	97.8	500.0	494.86	99.0	495.61	99.1	P
Cobalt	500.0	492.39	98.5	500.0	497.42	99.5	497.14	99.4	P
Copper	500.0	493.84	98.8	500.0	501.33	100.3	502.85	100.6	P
Iron	50000.0	49638.41	99.3	50000.0	50221.54	100.4	50356.73	100.7	P
Lead	500.0	488.42	97.7	500.0	495.76	99.2	497.96	99.6	P
Magnesium	50000.0	48975.07	98.0	50000.0	49577.61	99.2	49581.29	99.2	P
Manganese	500.0	493.14	98.6	500.0	497.96	99.6	498.03	99.6	P
Mercury	4.0	4.15	103.8	4.0	4.08	102.0	3.78	94.5	CV
Nickel	500.0	491.58	98.3	500.0	501.15	100.2	504.53	100.9	P
Potassium	50000.0	52435.18	104.9	50000.0	53027.33	106.1	53160.70	106.3	P
Selenium	500.0	489.35	97.9	500.0	495.82	99.2	494.22	98.8	P
Silver	500.0	500.24	100.0	500.0	505.41	101.1	505.16	101.0	P
Sodium	50000.0	46547.60	93.1	50000.0	47290.08	94.6	47507.56	95.0	P
Thallium	500.0	505.75	101.2	500.0	514.28	102.9	514.82	103.0	P
Vanadium	500.0	502.04	100.4	500.0	507.20	101.4	504.97	101.0	P
Zinc	500.0	477.56	95.5	500.0	482.00	96.4	480.66	96.1	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				50000.0	49340.34	98.7	49566.08	99.1	P
Antimony				500.0	510.34	102.1	507.08	101.4	P
Arsenic				500.0	498.07	99.6	501.46	100.3	P
Barium				500.0	495.05	99.0	497.76	99.6	P
Beryllium				500.0	482.02	96.4	482.27	96.5	P
Cadmium				500.0	484.36	96.9	485.07	97.0	P
Calcium				50000.0	49868.70	99.7	50065.36	100.1	P
Chromium				500.0	487.43	97.5	489.90	98.0	P
Cobalt				500.0	488.40	97.7	488.54	97.7	P
Copper				500.0	496.33	99.3	498.16	99.6	P
Iron				50000.0	49501.83	99.0	49472.36	98.9	P
Lead				500.0	489.96	98.0	491.07	98.2	P
Magnesium				50000.0	48938.37	97.9	49181.27	98.4	P
Manganese				500.0	489.44	97.9	489.84	98.0	P
Mercury				4.0	4.26	106.5	4.18	104.5	CV
Nickel				500.0	496.47	99.3	496.32	99.3	P
Potassium				50000.0	52684.02	105.4	53163.30	106.3	P
Selenium				500.0	488.04	97.6	484.64	96.9	P
Silver				500.0	498.12	99.6	499.38	99.9	P
Sodium				50000.0	46840.68	93.7	47025.32	94.1	P
Thallium				500.0	506.28	101.3	503.94	100.8	P
Vanadium				500.0	496.08	99.2	495.02	99.0	P
Zinc				500.0	473.03	94.6	471.67	94.3	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				50000.0	49118.05	98.2	49382.75	98.8	P
Antimony				500.0	509.79	102.0	511.46	102.3	P
Arsenic				500.0	497.54	99.5	496.25	99.2	P
Barium				500.0	495.82	99.2	502.31	100.5	P
Beryllium				500.0	479.07	95.8	478.68	95.7	P
Cadmium				500.0	483.13	96.6	483.25	96.6	P
Calcium				50000.0	49646.99	99.3	49708.42	99.4	P
Chromium				500.0	485.49	97.1	485.48	97.1	P
Cobalt				500.0	484.48	96.9	484.98	97.0	P
Copper				500.0	494.59	98.9	498.56	99.7	P
Iron				50000.0	49088.71	98.2	49043.27	98.1	P
Lead				500.0	486.53	97.3	489.50	97.9	P
Magnesium				50000.0	48709.02	97.4	48913.00	97.8	P
Manganese				500.0	485.51	97.1	484.91	97.0	P
Mercury				4.0	4.29	107.2			CV
Nickel				500.0	493.50	98.7	494.88	99.0	P
Potassium				50000.0	52807.64	105.6	53234.45	106.5	P
Selenium				500.0	486.50	97.3	489.30	97.9	P
Silver				500.0	494.22	98.8	494.65	98.9	P
Sodium				50000.0	46635.03	93.3	46892.61	93.8	P
Thallium				500.0	502.49	100.5	503.75	100.8	P
Vanadium				500.0	490.39	98.1	488.46	97.7	P
Zinc				500.0	469.70	93.9	465.11	93.0	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				50000.0	49727.55	99.5	49583.74	99.2	P
Antimony				500.0	521.16	104.2	520.92	104.2	P
Arsenic				500.0	508.00	101.6	505.94	101.2	P
Barium				500.0	508.03	101.6	507.78	101.6	P
Beryllium				500.0	488.24	97.6	487.90	97.6	P
Cadmium				500.0	494.61	98.9	496.10	99.2	P
Calcium				50000.0	50621.07	101.2	50631.59	101.3	P
Chromium				500.0	495.62	99.1	494.70	98.9	P
Cobalt				500.0	492.09	98.4	491.96	98.4	P
Copper				500.0	502.38	100.5	501.37	100.3	P
Iron				50000.0	49822.12	99.6	49861.78	99.7	P
Lead				500.0	496.95	99.4	496.35	99.3	P
Magnesium				50000.0	49353.68	98.7	49330.87	98.7	P
Manganese				500.0	494.24	98.8	491.46	98.3	P
Mercury									NR
Nickel				500.0	504.83	101.0	506.94	101.4	P
Potassium				50000.0	53591.29	107.2	53506.38	107.0	P
Selenium				500.0	498.64	99.7	495.71	99.1	P
Silver				500.0	495.19	99.0	495.65	99.1	P
Sodium				50000.0	46980.30	94.0	46739.54	93.5	P
Thallium				500.0	512.27	102.5	507.90	101.6	P
Vanadium				500.0	494.06	98.8	492.57	98.5	P
Zinc				500.0	477.96	95.6	478.41	95.7	P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum				50000.0	48701.84	97.4			P
Antimony				500.0	510.28	102.1			P
Arsenic				500.0	495.62	99.1			P
Barium				500.0	501.74	100.3			P
Beryllium				500.0	475.52	95.1			P
Cadmium				500.0	484.24	96.8			P
Calcium				50000.0	49395.09	98.8			P
Chromium				500.0	483.72	96.7			P
Cobalt				500.0	480.08	96.0			P
Copper				500.0	493.08	98.6			P
Iron				50000.0	48616.12	97.2			P
Lead				500.0	487.77	97.6			P
Magnesium				50000.0	48117.12	96.2			P
Manganese				500.0	479.72	95.9			P
Mercury									NR
Nickel				500.0	495.71	99.1			P
Potassium				50000.0	52928.66	105.9			P
Selenium				500.0	484.72	96.9			P
Silver				500.0	485.26	97.1			P
Sodium				50000.0	46178.92	92.4			P
Thallium				500.0	503.47	100.7			P
Vanadium				500.0	479.90	96.0			P
Zinc				500.0	463.47	92.7			P
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	4.0	4.06	101.5	4.0	4.18	104.5	4.07	101.8	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				4.0	4.11	102.8	4.18	104.5	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				4.0	4.06	101.5	4.13	103.2	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

Initial Calibration Source: INORGANIC VE

Continuing Calibration Source: INORGANIC VE

Concentration Units: ug/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
'mium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	4.0	4.11	102.8	4.0	4.05	101.2	4.13	103.2	CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Cyanide									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

NYSDEC ASP

9

ICP SERIAL DILUTION

NYSDEC SAMPLE NO.

MW-5 L

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

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
Aluminum	261.81		802.64	B	206.6		P
Antimony	6.00	U	30.00	U			P
Arsenic	5.00	U	25.00	U			P
Barium	39.82	B	42.82	B	7.5		P
Beryllium	1.00	U	5.00	U			P
Cadmium	1.00	U	5.00	U			P
Calcium	7549.01		8143.30	B	7.9		P
Chromium	4.00	U	20.00	U			P
Cobalt	1.00	U	5.80	B			P
Copper	1.00	U	5.00	U			P
Iron	308.33		324.95	B	5.4		P
Lead	2.13	B	10.00	U	100.0		P
Magnesium	3686.01	B	3864.41	B	4.8		P
Manganese	46.95		47.37	B	0.9		P
Mercury							
Nickel	3.00	U	15.00	U			P
Potassium	2373.07	B	2651.70	B	11.7		P
Selenium	3.00	U	15.00	U			P
Silver	1.00	U	5.00	U			P
Sodium	17692.58		18613.68	B	5.2		P
Thallium	6.00	U	30.00	U			P
Vanadium	1.00	U	5.00	U			P
Zinc	13.84	B	14.62	B	5.6		P

NYSDEC ASP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

ICP ID Number: TRACE_____ Date: 07/13/96

Flame AA ID Number : _____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.20		200	25.0	P
Antimony	206.80		60	6.0	P
Arsenic	189.00		10	5.0	P
Barium	234.60		200	1.0	P
Beryllium	313.00		5	1.0	P
Cadmium	226.50		5	1.0	P
Calcium	317.90		5000	8.0	P
Chromium	267.70		10	4.0	P
Cobalt	228.60		50	1.0	P
Copper	324.70		25	1.0	P
Iron	271.40		100	24.0	P
Lead	220.30		3	2.0	P
Magnesium	279.00		5000	6.0	P
Manganese	257.60		15	1.0	P
Mercury			0.2		NR
Nickel	231.60		40	3.0	P
Potassium	766.40		5000	82.0	P
Selenium	196.00		5	3.0	P
Silver	328.00		10	1.0	P
Sodium	330.20		5000	173.0	P
Thallium	190.80		10	6.0	P
Vanadium	292.40		50	1.0	P
Zinc	206.20		20	1.0	P

Comments:

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NYSDEC ASP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: LRI _____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

ICP ID Number: _____ Date: 07/31/96

Flame AA ID Number : TJA1000_____

Furnace AA ID Number : _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M	
Aluminum			200		NR	
Antimony			60		NR	
Arsenic			10		NR	
Barium			200		NR	
Beryllium			5		NR	
Cadmium			5		NR	
Calcium			5000		NR	
Chromium			10		NR	
Cobalt			50		NR	
Copper			25		NR	
Iron			100		NR	
Lead			3		NR	
Magnesium			5000		NR	
Manganese			15		NR	
Mercury	253.70	BD	0.2	0.021	CV	DJB 8/28/96
Nickel			40		NR	
Potassium			5000		NR	
Selenium			5		NR	
Silver			10		NR	
Sodium			5000		NR	
Thallium			10		NR	
Vanadium			50		NR	
Zinc			20		NR	

Comments:

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_____

NYSDEC ASP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

ICP ID Number: Date: 05/01/96

Flame AA ID Number : TJA1000

Furnace AA ID Number :

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M	
Aluminum			200		NR	
Antimony			60		NR	
Arsenic			10		NR	
Barium			200		NR	
Beryllium			5		NR	
Cadmium			5		NR	
Calcium			5000		NR	
Chromium			10		NR	
Cobalt			50		NR	
Copper			25		NR	
Iron			100		NR	
Lead			3		NR	
Magnesium			5000		NR	
Manganese			15		NR	
Mercury	253.70	BD	0.2	0.082	CV	DPR 8/26/96
Nickel			40		NR	
Potassium			5000		NR	
Selenium			5		NR	
Silver			10		NR	
Sodium			5000		NR	
Thallium			10		NR	
Vanadium			50		NR	
Zinc			20		NR	

Comments:

NYSDEC ASP

11A annually

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

ICP ID Number: TRACE Date: 03/27/96

Analyte	Wavelength (nm)	Interelement Correction Factors for : Al	Ca	Fe	Mg	CA
Aluminum	308.20		-0.0002100	-0.0005800	-0.0002000	
Antimony	206.80					
Arsenic	189.00					
Barium	234.60					
Beryllium	313.00					
Cadmium	226.50			0.0000770		
Calcium	317.90	0.0000180		-0.0001100	0.0001000	
Chromium	267.70				0.0000050	
Cobalt	228.60					
Copper	324.70	0.0000040	0.0000090	0.0000220	0.0000090	
Iron	271.40	0.0000180	0.0000370		-0.0009600	
Lead	220.30	0.0002320		0.0000910		0.0000100
Magnesium	279.00		0.0000160	0.0001970		
Manganese	257.60				0.0000190	
Mercury						
Nickel	231.60				0.0000040	
Potassium	766.40		-0.0000100		-0.0000200	
Selenium	196.00			-0.0000300		
Silver	328.00					
Sodium	330.20	0.0000190		0.0001430	0.0000320	
Thallium	190.80	-0.0000100		-0.0001300		
Vanadium	292.40			0.0000360		
Zinc	206.20			0.0000160		

Comments:

NYSDEC ASP

11B

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

annually

Lab Name: LRI Contract:

Lab Code: LRI Case No.: 7354A SAS No.: SDG No.: 735401

ICP ID Number: TRACE Date: 03/27/96

Analyte	Wavelength (nm)	Interelement Correction Factors for : CR	FE	LL	MG	MN
Aluminum	308.20	-0.0127400				
Antimony	206.80	0.0045400				
Arsenic	189.00	0.0002700				
Barium	234.60					
Beryllium	313.00					
Cadmium	226.50					
Calcium	317.90	0.0042920				
Chromium	267.70					
Cobalt	228.60	-0.0002500				
Copper	324.70	0.0007720				
Iron	271.40	0.0015190				
Lead	220.30		0.0000560	-0.0001700	0.0000110	
Magnesium	279.00					
Manganese	257.60					
Mercury						
Nickel	231.60					
Potassium	766.40	-0.0006000				
Selenium	196.00	-0.0004200	-0.0003000			0.0004590
Silver	328.00					
Sodium	330.20	0.0039040				
Thallium	190.80	0.0003840				
Vanadium	292.40					
Zinc	206.20	0.0014800				

Comments:

NYSDEC ASP

11B

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY) annually

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

ICP ID Number: TRACE_____ Date: 03/27/96

Analyte	Wavelength (nm)	Interelement Correction Factors for : MN	V_	V_	__	__
Aluminum	308.20	-0.0128800	0.0142170			
Antimony	206.80					
Arsenic	189.00					
Barium	234.60					
Beryllium	313.00		0.0003030			
Cadmium	226.50					
Calcium	317.90	0.0044100	0.0060550			
Chromium	267.70					
balt	228.60					
opper	324.70	0.0009360	0.0006910			
Iron	271.40		0.0113220			
Lead	220.30	-0.0002400	-0.0003000			
Magnesium	279.00	-0.0033400	0.0003910			
Manganese	257.60					
Mercury						
Nickel	231.60					
Potassium	766.40	-0.0003600	-0.0004400			
Selenium	196.00	0.0003010	-0.0003500	0.0002140		
Silver	328.00					
Sodium	330.20	0.0045920	0.0064700			
Thallium	190.80	0.0005310	0.0017990			
Vanadium	292.40					
Zinc	206.20					

Comments:

NYSDEC ASP

12
ICP LINEAR RANGES (QUARTERLY)

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A SAS No.: _____ SDG No.: 735401

ICP ID Number: TRACE_____ Date: 05/09/96

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	15.00	400000.0	P
Antimony	15.00	50000.0	P
Arsenic	15.00	10000.0	P
Barium	15.00	100000.0	P
Beryllium	15.00	10000.0	P
Cadmium	15.00	20000.0	P
Calcium	15.00	500000.0	P
Chromium	15.00	50000.0	P
Cobalt	15.00	50000.0	P
Copper	15.00	50000.0	P
Iron	15.00	500000.0	P
Lead	15.00	10000.0	P
Magnesium	15.00	500000.0	P
Manganese	15.00	20000.0	P
Mercury			NR
Nickel	15.00	50000.0	P
Potassium	15.00	100000.0	P
Selenium	15.00	10000.0	P
Silver	15.00	5000.0	P
Sodium	15.00	400000.0	P
Thallium	15.00	20000.0	P
Vanadium	15.00	20000.0	P
Zinc	15.00	20000.0	P

Comments:

NYSDEC ASP

13
PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_7354A_ SAS No.: _____ SDG No.:735401

Method: P_

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
F-BLK	08/07/96		100
LCSW	08/07/96		100
MW-1	08/07/96		100
MW-10	08/07/96		100
MW-11	08/07/96		100
MW-2	08/07/96		100
MW-2A	08/07/96		100
MW-3	08/07/96		100
MW-4	08/07/96		100
MW-5	08/07/96		100
MW-5D	08/07/96		100
MW-5S	08/07/96		100
MW-6	08/07/96		100
MW-7D	08/07/96		100
MW-7S	08/07/96		100
MW-9	08/07/96		100
PBW	08/07/96		100
R-BLK1	08/07/96		100
R-BLK2	08/07/96		100
R-BLK3	08/07/96		100
T-BLK	08/07/96		100

13
PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_7354A_ SAS No.: _____ SDG No.:735401

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
F-BLK	08/06/96		100
LCSW	08/06/96		100
MW-1	08/06/96		100
MW-10	08/06/96		100
MW-11	08/06/96		100
MW-2	08/06/96		100
MW-2A	08/06/96		100
MW-3	08/06/96		100
MW-4	08/06/96		100
MW-5	08/06/96		100
MW-5D	08/06/96		100
MW-5S	08/06/96		100
MW-6	08/06/96		100
MW-7D	08/06/96		100
MW-7S	08/06/96		100
MW-9	08/06/96		100
PBW	08/06/96		100
R-BLK1	08/06/96		100
R-BLK2	08/06/96		100
R-BLK3	08/06/96		100
T-BLK	08/06/96		100

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PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_7354A_ SAS No.: _____ SDG No.:735401

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSW	08/08/96		100
MW-5	08/08/96		100
MW-5D	08/08/96		100
MW-5S	08/08/96		100
PBW	08/08/96		100

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PREPARATION LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.:_7354A_ SAS No.: _____ SDG No.:735401

Method: CV

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSW	08/12/96		100
MW-5S	08/12/96		100
PBW	08/12/96		100

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TRACE_____ Method: P_

Start Date: 08/21/96 End Date: 08/21/96

ASP Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	0946																									
S0	1.00	1000		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
STD2	1.00	1008			X	X	X	X	X		X	X	X		X		X	X	X		X	X		X	X	X	
STD3	1.00	1014		X						X				X		X				X			X				
ICV	1.00	1035		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICB	1.00	1040		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCV	1.00	1045		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1050		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1055																									
[illegible]t	1.00	1104			X	X		X	X		X	X	X		X		X		X		X	X		X	X	X	
[illegible]SA	1.00	1113		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ICSAB	1.00	1118		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1124																									
ZZZZZZ	1.00	1129																									
ZZZZZZ	1.00	1134																									
ZZZZZZ	1.00	1139																									
ZZZZZZ	1.00	1146																									
ZZZZZZ	1.00	1151																									
CCV	1.00	1156		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1201		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
ZZZZZZ	1.00	1206																									
ZZZZZZ	1.00	1213																									
ZZZZZZ	1.00	1218																									
ZZZZZZ	5.00	1223																									
ZZZZZZ	1.00	1228																									
ZZZZZZ	1.00	1233																									
ZZZZZZ	1.00	1238																									
ZZZZZZ	1.00	1244																									
ZZZZZZ	1.00	1249																									
ZZZZZZ	1.00	1254																									
CCV	1.00	1259		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	
CCB	1.00	1304		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TRACE_____ Method: P_

Start Date: 08/21/96 End Date: 08/21/96

ASP Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
PBW	1.00	1309		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LCSW	1.00	1314		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	1.00	1319		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5D	1.00	1325		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5S	1.00	1330		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5L	5.00	1335		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7S	1.00	1340		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R-BLK1	1.00	1345		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7D	1.00	1350		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BLK	1.00	1355		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	1400		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCB	1.00	1406		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-1	1.00	1411		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	1.00	1416		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11	1.00	1421		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	1440		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
CCB	1.00	1445		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
CCV	1.00	1454		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
CCB	1.00	1459		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
PBW	1.00	1504		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
LCSW	1.00	1510		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
MW-5	1.00	1515		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
MW-5D	1.00	1520		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
MW-5S	1.00	1525		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
MW-5L	5.00	1530		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
MW-7S	1.00	1535		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
R-BLK1	1.00	1540		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
MW-7D	1.00	1545		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
F-BLK	1.00	1551		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
CCV	1.00	1556		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
CCB	1.00	1601		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
MW-1	1.00	1606		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NYSDEC ASP

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ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TRACE_____ Method: P_

Start Date: 08/21/96 End Date: 08/21/96

ASP Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MW-6	1.00	1611		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
MW-11	1.00	1616		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
MW-4	1.00	1621		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
MW-2	1.00	1626		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
R-BLK2	1.00	1632		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
MW-10	1.00	1637		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
MW-9	1.00	1645		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
MW-3	1.00	1651		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
MW-2A	1.00	1656		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
V	1.00	1701		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
B	1.00	1706		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
R-BLK3	1.00	1711		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
T-BLK	1.00	1716		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1721		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1727		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1732		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1737		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1742		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1747		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1754		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	5.00	1759		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
CCV	1.00	1804		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1809		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ZZZZZZ	1.00	1814		_	X	X	_	X	X	_	X	X	X	_	X	_	X	_	X	_	X	X	_	X	X	X	_
CRI	1.00	1819		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSA	1.00	1824		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
ICSAB	1.00	1830		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCV	1.00	1835		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
CCB	1.00	1840		X	X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 08/07/96 End Date: 08/07/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1029																X									
S0	1.00	1033																X									
S1	1.00	1037																X									
S2	1.00	1041																X									
S5	1.00	1046																X									
S10	1.00	1050																X									
ICV	1.00	1054																X									
ICB	1.00	1059																X									
CCV	1.00	1105																X									
3	1.00	1111																X									
CRA	1.00	1117																X									
ZZZZZZ	1.00	1122																									
ZZZZZZ	1.00	1129																									
ZZZZZZ	1.00	1141																									
ZZZZZZ	1.00	1146																									
ZZZZZZ	1.00	1151																									
ZZZZZZ	1.00	1155																									
ZZZZZZ	1.00	1202																									
ZZZZZZ	1.00	1207																									
CCV	1.00	1216																									
CCV	1.00	1250																									
CCV	1.00	1254																									
CCV	1.00	1258																X									
CCB	1.00	1304																X									
PBW	1.00	1312																X									
LCSW	1.00	1319																X									
ZZZZZZ	1.00	1325																									
ZZZZZZ	1.00	1330																									
ZZZZZZ	1.00	1334																									
ZZZZZZ	1.00	1340																									
ZZZZZZ	1.00	1346																									
MW-5	1.00	1354																									

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 08/07/96 End Date: 08/07/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
MW-5D	1.00	1400		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5S	1.00	1408		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	1414		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CCV	1.00	1422		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
CCB	1.00	1427		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-7S	1.00	1520		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
R-BLK1	1.00	1526		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-7D	1.00	1529		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
F-BLK	1.00	1533		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
-1	1.00	1538		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-6	1.00	1543		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-11	1.00	1547		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-4	1.00	1551		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-2	1.00	1555		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
R-BLK2	1.00	1600		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
CCV	1.00	1605		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
CCB	1.00	1609		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-10	1.00	1613		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-9	1.00	1619		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-3	1.00	1623		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
MW-2A	1.00	1627		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
R-BLK3	1.00	1631		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
T-BLK	1.00	1635		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
CCV	1.00	1642		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
CCB	1.00	1646		-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 08/09/96 End Date: 08/09/96

ASP Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1001																X								
S0	1.00	1004																X								
S1	1.00	1009																								
S1	1.00	1015																X								
S2	1.00	1019																X								
S5	1.00	1022																X								
S10	1.00	1026																X								
ICV	1.00	1033																X								
ICB	1.00	1036																X								
V	1.00	1041																X								
CCB	1.00	1045																X								
CRA	1.00	1049																								
CRA	1.00	1054																X								
ZZZZZZ	1.00	1100																								
ZZZZZZ	1.00	1104																								
ZZZZZZ	1.00	1107																								
ZZZZZZ	1.00	1111																								
ZZZZZZ	1.00	1116																								
ZZZZZZ	1.00	1120																								
ZZZZZZ	1.00	1125																								
ZZZZZZ	1.00	1129																								
ZZZZZZ	1.00	1133																								
CCV	1.00	1137																X								
CCB	1.00	1140																X								
ZZZZZZ	1.00	1144																								
ZZZZZZ	1.00	1148																								
ZZZZZZ	1.00	1152																								
ZZZZZZ	1.00	1156																								
ZZZZZZ	1.00	1159																								
ZZZZZZ	1.00	1203																								
ZZZZZZ	1.00	1207																								
ZZZZZZ	1.00	1211																								

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 08/09/96 End Date: 08/09/96

ASP Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ZZZZZZ	1.00	1214																										
ZZZZZZ	1.00	1220																										
CCV	1.00	1224																X										
CCB	1.00	1229																X										
ZZZZZZ	1.00	1233																										
ZZZZZZ	1.00	1237																										
ZZZZZZ	1.00	1240																										
ZZZZZZ	1.00	1244																										
ZZZZZZ	1.00	1248																										
ZZZZZ	1.00	1252																										
ZZZZZZ	1.00	1256																										
ZZZZZZ	1.00	1301																										
CCV	1.00	1304																X										
CCB	1.00	1308																X										
PBW	1.00	1409																X										
LCSW	1.00	1413																X										
ZZZZZZ	1.00	1416																										
ZZZZZZ	1.00	1420																										
ZZZZZZ	1.00	1424																										
ZZZZZZ	1.00	1428																										
ZZZZZZ	1.00	1437																										
ZZZZZZ	1.00	1441																										
MW-5	1.00	1446																X										
MW-5D	1.00	1450																X										
CCV	1.00	1455																X										
CCB	1.00	1500																X										
MW-5S	1.00	1503																										
CCV	1.00	1508																X										
CCB	1.00	1513																X										

FORM XIV - IN 12/91

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 08/12/96 End Date: 08/12/96

ASP Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.00	1819																										
S0	1.00	1821																X									
S0	1.00	1825																X									
S1	1.00	1829																X									
S2	1.00	1833																X									
S5	1.00	1837																X									
S10	1.00	1841																X									
ICV	1.00	1847																X									
ICB	1.00	1851																X									
[illegible]V	1.00	1855																X									
[illegible]B	1.00	1859																X									
CRA	1.00	1903																X									
ZZZZZZ	1.00	1908																										
ZZZZZZ	1.00	1912																										
ZZZZZZ	1.00	1916																										
ZZZZZZ	1.00	1923																										
ZZZZZZ	1.00	1927																										
ZZZZZZ	1.00	1931																										
ZZZZZZ	1.00	1935																										
ZZZZZZ	1.00	1939																										
ZZZZZZ	1.00	1944																										
CCV	1.00	1948																X									
CCB	1.00	1953																X									
ZZZZZZ	1.00	1959																										
ZZZZZZ	1.00	2007																										
ZZZZZZ	1.00	2012																										
ZZZZZZ	1.00	2016																										
ZZZZZZ	1.00	2020																										
ZZZZZZ	1.00	2024																										
ZZZZZZ	1.00	2028																										
ZZZZZZ	1.00	2032																										
ZZZZZZ	1.00	2037																										

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 08/12/96 End Date: 08/12/96

ASP Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.00	2041																										
CCV	1.00	2045																X									
CCB	1.00	2049																X									
ZZZZZZ	1.00	2053																										
ZZZZZZ	1.00	2057																										
ZZZZZZ	1.00	2102																										
ZZZZZZ	1.00	2105																										
ZZZZZZ	1.00	2111																										
ZZZZZZ	1.00	2116																										
ZZZZZ	1.00	2121																										
ZZZZZ	1.00	2125																										
ZZZZZZ	1.00	2130																										
CCV	1.00	2135																X									
CCB	1.00	2140																X									
ZZZZZZ	1.00	2144																										
ZZZZZZ	1.00	2149																										
ZZZZZZ	1.00	2153																										
ZZZZZZ	1.00	2158																										
ZZZZZZ	1.00	2202																										
ZZZZZZ	1.00	2207																										
ZZZZZZ	1.00	2211																										
ZZZZZZ	1.00	2215																										
ZZZZZZ	1.00	2219																										
ZZZZZZ	1.00	2224																										
CCV	1.00	2228																X									
CCB	1.00	2232																X									
ZZZZZZ	1.00	2238																										
ZZZZZZ	1.00	2242																										
ZZZZZZ	1.00	2247																										
ZZZZZZ	1.00	2251																										
ZZZZZZ	1.00	2258																										
ZZZZZZ	1.00	2304																										

NYSDEC ASP

14
ANALYSIS RUN LOG

Lab Name: LRI_____ Contract: _____

Lab Code: LRI___ Case No.: 7354A_ SAS No.: _____ SDG No.:735401

Instrument ID Number: TJA1000_____ Method: CV

Start Date: 08/12/96 End Date: 08/12/96

ASP Sample No.	D/F	Time	% R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
CCV	1.00	2311																X								
CCB	1.00	2314																X								
PBW	1.00	2318																X								
LCSW	1.00	2323																X								
ZZZZZZ	1.00	2328																								
ZZZZZZ	1.00	2332																								
MW-5S	1.00	2337																X								
CCV	1.00	2341																X								
CCB	1.00	2344																X								

Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 2/21/96
Shift: D/N
Instr: TJA 61E Trace
Table: MF020796A
Data File: MF-224B
Analyst: M. Kapish
Batch No.: 2026, 2034, 2043, 2044, 2045, 2055, 2056
Raw Data w/: 2025, 2043, LR
Reviewed By: _____

Standard Id.	LRI Lot No.
STD1-BLANK	STD1-blank-022196
STD2	STD2-022196
STD3	STD3-022196
STD4	
STD5	
ICV/CCV	ICVA/C-022196
ICB/CCB	ICBA/C-022196
EIGH STD	
ICSA	ICSA-022196
ICSAB CLP	ICSAB/C-022596
ICSAB SW846	
CRI CLP	CRICLP-08219.
CRI SW846	
10XPQL	
100XPQL	
IDL SOLN	
AUTOIECAl	
AUTOIECCa	
AUTOIECMg	
AUTOIECFe	

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
ICV -1		2-1			D		
ICB - 1		2-2					
CCV - 1-1		2-3					
CCB - 1-1		2-4					
~~1 AUTOIECAl~~		2-5					
~~2 AUTOIECCa~~							
3 AUTOIECMg							
4 AUTOIECFe							
5 CRI-1-1		2-6			D		
6 ICSA - 1		2-7					
7 ICSAB - 1		2-8					
~~CCV~~ LCS2		2-9					
~~CCB~~ LCS3		2-10					
MBW-2128	2029	2-11	Liquid	D		D	TAL METALS
LCSW-2026		2-12					
CC2720 1		2-13					Results see Stat. Int.
CC2-202		2-14					
CCV-1-2		2-15			D		
CCB-1-2		2-16					
CC2723	2029	2-17	Liquid	D		D	TAL METALS

Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 2/21/96
Analyst: [illegible]

Batch No.: 2079, 2034, 1992, 2061, 2055

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
[illegible]27203D	2079	2-1	Liquid	1D		1D	TAL METALS
[illegible]27235		2-19					
[illegible]27251		2-20			5X	5D	
[illegible]27204		2-21					
PBS-2034	2034	2-22	Soil	5D		5D	
LCS-[illegible]	1991	2-23	Liquid	1D		1D	
LCSS-[illegible]		2-24		-			
PBS-2061	2061	2-25		5D		5D	
PBW-2055	2055	2-26		1D		1D	
CCV-1-3		2-27			1D		
CCB-1-3		2-28			↓		
PBW-2043	2043	2-29	Liquid	1D		1D	TAL METALS Scan
LCSW-2043		2-30					
07354D1		2-31					
07354D1D		2-32					
07354D1S		2-33				↓	
07354D1L		2-34			5X	5D	
07354D2		2-35				1D	
07354D3		2-36					
07354D4		2-37					
07354D5	↓	2-38	↓	↓		↓	
CCV-1-4		2-39			1D		Report to Form I
CCB-1-4		2-40			↓		↓
07354D6	2043	2-41	Liquid	1D		1D	Scan
07354D7		2-42					
07354D8	↓	2-43	↓	↓		↓	↓
CCV-1-4		2-27			1D		
CCB-1-4		2-28					ALL but PB Qt Scan
CCV-1-4		2-27					
CCB-1-4		2-28			↓		

Laboratory Resources Inc.
Division: Peterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 8/2/96
Analyst: M Kryzanowski

Batch No.: 2043, 2070

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Factors Instr	Factors Final	Elements
PBW-2043	2043	2-24	Liquid	1D		1D	TAL METALS
CCW-2043		2-36					
0735401		2-31					
0735401D		2-32					
0735401S		2-33					
0735401L		2-34			5x	5D	
0735402		2-35				1D	
0735403		2-36					
0735404		2-37					
0735405		2-38					
CCV-1-5		2-39			1D		
CCB-1-5		2-40					
0735406	2043	2-41	Liquid	1D		1D	TAL METALS
0735407		2-42					
0735408		2-43					
0735409		2-44					
0735410		2-45					
0735411		2-46					
0735412		2-47					
0735413		2-48					
0735414		3-1					
0735415		3-2					
CCV-1-6		3-3			1D		
CCB-1-6		3-4					
0735416	2043	3-5	Liquid	1D		1D	TAL METALS
0735417		3-6					
PBW1-2070	2070	3-7					
LCSW1-2070		3-8					
0735206		3-9					
0735211		3-10					

0090

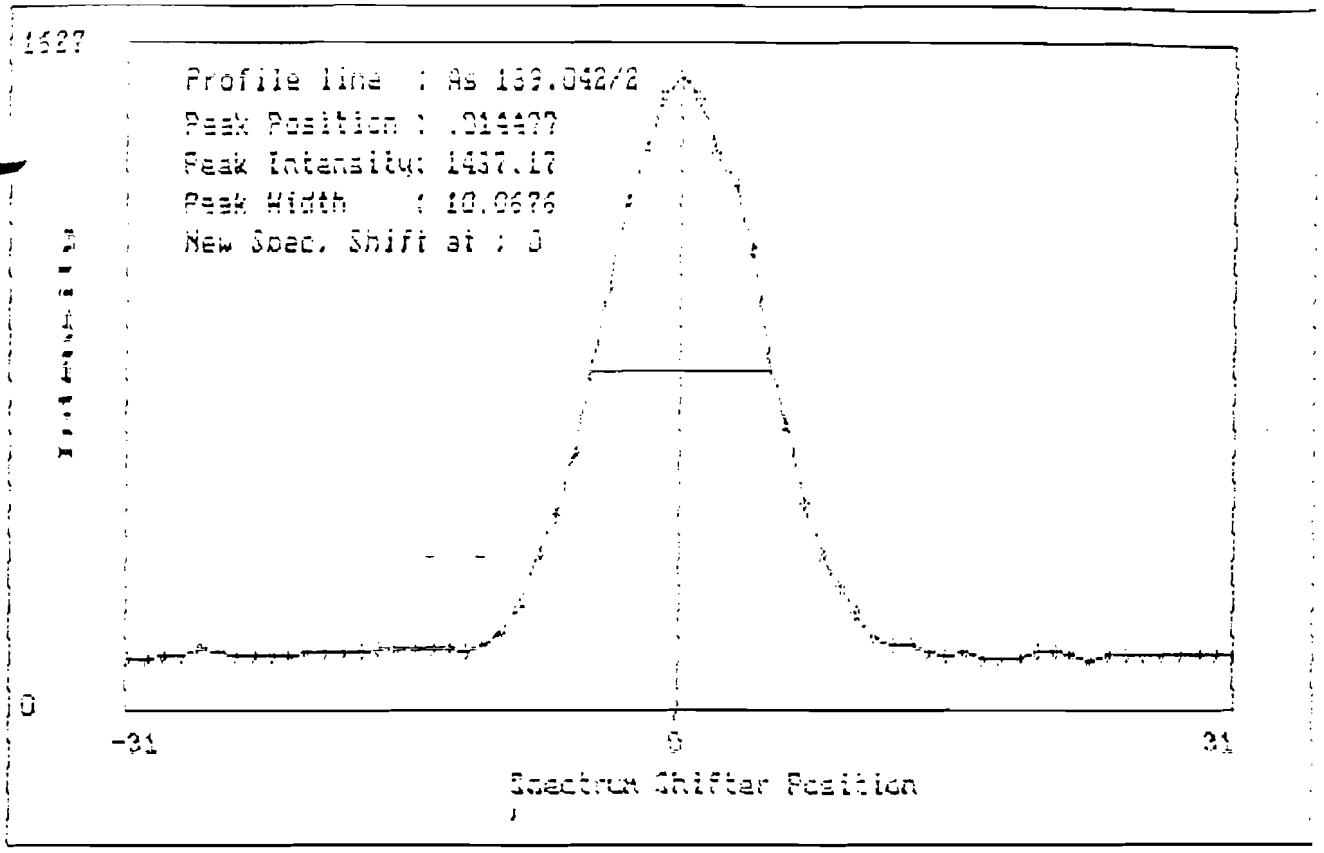
Laboratory Resources Inc.
Division: Teterboro
Department: Metals

ANALYSIS RUN LOG
= TRACE ICP =

Date: 9/21/96
Analyst: M Lange / P.Mehta

Batch No.: 2070, 2035, 2070, LR

LRI Sample Id.	Batch No.	Cup No.	Matrix	Factors Prep	Instr	Final	Elements
092720	2070	3-11	Liquid	10		10	TAL METALS
092350TD	2035	3-12	TCLP	100		100	As
LCSS-2061	2061	3-13	Solid	500		500	Se, Tl
092720 1	2070	3-14	Liquid	10	5X	50	Fe
CCV-1-2		3-15			10		
CCB-1-2		3-16					
CRIA-1-2		3-17					
CRI-1-2		3-18					
ICSA-1-2		3-19					
ICSAB-1-2		3-20					
CCV-1-3		3-21					
CCB-1-3		3-22			✓		
LINEAR Range Stnd	LR	3-23			10		As, Be, Se, Tl, Pb, Ag, Cd, Ni, Mn, Mo, Tl, V, Zn, Fe, Cu, Mg, Ca, Co, Na, K, Li, B, Ba
Linear Range Stnd 2		3-24					
Linear Range Stnd 3		3-25					
Linear Range Stnd 4		3-26					
Linear Range Stnd 5		3-27					
Linear Range Stnd 6		3-28					
Linear Range Stnd 7		3-29					
Linear Range Stnd 8		3-30					
CCV-1-4		3-31					
CCB-1-4		3-32					Al, Sb, Mo
CRI-1-3		3-33					
CRA-1-3		3-34					
ICSA-1-3		3-35					
ICSAB-1-3		3-36					
CCV-1-10		3-37					
CCB-1-10		3-38			✓		Al, Sb, Mo


1627
Profile line : As 189.042/2
Peak Position : .014477
Peak Intensity: 1457.17
Peak Width : 10.0676
New Spec. Shift at : 3
0
-31
0
31
Spectrum Shifter Position

0076

Method: LRI Standard: STD1-Blank

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.0030	-.0047	-.0052	.0007	.0013	-.0243	.0103
SDev	.0001	.0002	.0015	.0001	.0003	.0000	.0000
%RSD	4.495	5.073	28.63	16.94	21.01	.0775	.2429
#1	-.0031	-.0049	-.0051	.0008	.0014	-.0243	.0103
#2	-.0031	-.0048	-.0033	.0006	.0009	-.0243	.0103
#3	-.0029	-.0044	-.0069	.0007	.0014	-.0243	.0103

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.0001	-.0004	-.0002	.0084	-.0008	.2850	-.0000
SDev	.0000	.0001	.0001	.0001	.0001	.0010	.0001
%RSD	.1951	33.10	46.02	.8380	14.00	.3664	313.2
#1	.0001	-.0004	-.0003	.0085	-.0007	.2849	.0000
#2	.0001	-.0005	-.0002	.0084	-.0009	.2840	-.0002
#3	.0001	-.0002	-.0001	.0083	-.0008	.2861	.0001

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Avge	.0002	-.0001	.0004	.0002	.0017	-.0002	.0005
SDev	.0001	.0001	.0032	.0002	.0031	.0036	.0000
%RSD	33.05	107.9	893.7	68.04	179.0	1668.	.2951
#1	.0001	-.0003	-.0017	.0003	.0023	.0033	.0005
#2	.0002	.0000	-.0013	.0004	.0044	.0000	.0005
#3	.0002	-.0001	.0040	.0001	-.0016	-.0039	.0005

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Avge	.0005	.0003	-.0114	.0052	-.0001	.0003	-.0058
SDev	.0000	.0007	.0064	.0006	.0004	.0001	.0012
%RSD	.2951	230.5	55.76	10.76	492.0	18.34	20.91
#1	.0005	.0011	-.0079	.0053	.0003	.0004	-.0059
#2	.0005	-.0002	-.0076	.0046	-.0005	.0005	-.0069
#3	.0005	.0000	-.0188	.0057	-.0001	.0006	-.0045

Elem	V_2924	Zn2062
Avge	.0001	.0004
SDev	.0001	.0001
%RSD	50.02	14.39
#1	.0001	.0005
#2	.0001	.0004
#3	.0002	.0004

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16807	--	--	--	--	--	--
SDev	49.65213	--	--	--	--	--	--
%RSD	.2954311	--	--	--	--	--	--
#1	16763	--	--	--	--	--	--
#2	16862	--	--	--	--	--	--
#3	16792	--	--	--	--	--	--

Method: LRI Standard: STD2

Elem	Ag3280	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	.8868	1.208	.4832	11.40	1.372	.3171	.4432
SDev	.0016	.003	.0011	.01	.002	.0011	.0011
%RSD	.1834	.2284	.2496	.0788	.1647	.3377	.2552
#1	.8877	1.206	.4835	11.40	1.372	.3175	.4434
#2	.8849	1.211	.4819	11.39	1.369	.3159	.4420
#3	.8878	1.207	.4842	11.40	1.374	.3179	.4443

Elem	Cr2677	Cu3247	Mn2576	Mo2020	Ni2316	2203-1	2203-2
Avge	.3978	.7229	.4979	.2583	.3445	3.000	2.843
SDev	.0006	.0005	.0008	.0003	.0015	.012	.018
%RSD	.2378	.0674	.1594	.1288	.4462	.3867	.6421
#1	.3980	.7232	.4983	.2579	.3444	3.010	2.823
#2	.3963	.7223	.4970	.2586	.3430	2.987	2.846
#3	.3987	.7229	.4985	.2584	.3461	3.002	2.859

Elem	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908	V_2924
Avge	.3522	1.336	1.290	.1679	.5158	.8273	.2276
SDev	.0009	.005	.015	.0004	.0008	.0029	.0004
%RSD	.2605	.3800	1.152	.2150	.1526	.3489	.1619
#1	.3512	1.340	1.276	.1678	.5162	.8247	.2273
#2	.3529	1.330	1.289	.1676	.5149	.8268	.2271
#3	.3525	1.334	1.306	.1683	.5164	.8304	.2276

Elem	Zn2062
Avge	.1741
SDev	.0003
%RSD	.1564
#1	.1743
#2	.1738
#3	.1742

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15449	--	--	--	--	--	--
SDev	24.00694	--	--	--	--	--	--
%RSD	.1459507	--	--	--	--	--	--
#1	15439	--	--	--	--	--	--
#2	15476	--	--	--	--	--	--
#3	15431	--	--	--	--	--	--

Method: LRI Standard: STD3

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na3302
Avge	15.27	13.68	6.927	35.98	9.731	3.657
SDev	.04	.05	.019	.07	.031	.012
%RSD	.2352	.0391	.2739	.1916	.3178	.3179
#1	15.31	13.73	6.949	35.06	9.767	3.670
#2	15.25	13.66	6.913	35.91	9.718	3.649
#3	15.25	13.65	6.916	35.97	9.709	3.651

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16208	--	--	--	--	--	--
SDev	42.66536	--	--	--	--	--	--
%RSD	.2632419	--	--	--	--	--	--
#1	16163	--	--	--	--	--	--
#2	16248	--	--	--	--	--	--
#3	16212	--	--	--	--	--	--

Method: LRI Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardize
g3280	328.068	STD2	STD1-Blank	1123.93	3.38792	08/21/96 10:14:1
Al3082	308.216	STD3	STD1-Blank	6531.91	30.6653	08/21/96 10:14:1
As1890	189.042	STD2	STD1-Blank	824.311	4.31771	08/21/96 10:14:1
B_2496	249.678	STD2	STD1-Blank	2073.41	-1.46090	08/21/96 10:14:1
Ba4934	493.409	STD2	STD1-Blank	87.7645	-.109707	08/21/96 10:14:1
Be3130	313.042	STD2	STD1-Blank	716.502	17.4223	08/21/96 10:14:1
Ca3179	317.933	STD3	STD1-Blank	7314.63	-73.1485	08/21/96 10:14:1
Cd2265	226.502	STD2	STD1-Blank	3153.69	-.127022	08/21/96 10:14:1
Co2286	228.616	STD2	STD1-Blank	2254.31	.804423	08/21/96 10:14:1
Cr2677	267.716	STD2	STD1-Blank	2512.42	.498499	08/21/96 10:14:1
Cu3247	324.753	STD2	STD1-Blank	1400.30	-11.7479	08/21/96 10:14:1
Fe2714	271.441	STD3	STD1-Blank	14430.8	12.0177	08/21/96 10:14:1
K_7664	766.491	STD3	STD1-Blank	2802.22	-798.597	08/21/96 10:14:1
Mg2790	279.078	STD3	STD1-Blank	10274.1	.405355	08/21/96 10:14:1
Mn2576	257.610	STD2	STD1-Blank	2009.02	-.358386	08/21/96 10:14:1
Mo2020	202.030	STD2	STD1-Blank	3869.41	.538269	08/21/96 10:14:1
Na3302	330.232	STD3	STD1-Blank	27383.9	-9.81066	08/21/96 10:14:1
Ni2316	231.604	STD2	STD1-Blank	2904.38	-.639570	08/21/96 10:14:1
2203-1	220.351	STD2	STD1-Blank	333.533	-.567761	08/21/96 10:14:1
2203-2	220.351	STD2	STD1-Blank	351.261	1.11036	08/21/96 10:14:1
Pb2203	220.353	none	STD1-Blank	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	none	STD1-Blank	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.833	STD2	STD1-Blank	2860.92	.956938	08/21/96 10:14:1
1960-1	196.021	STD2	STD1-Blank	742.703	3.50203	08/21/96 10:14:1
1960-2	196.022	STD2	STD1-Blank	778.271	-4.02944	08/21/96 10:14:1
Tl1899	189.989	STD2	STD1-Blank	5870.46	.461358	08/21/96 10:14:1
V_3372	337.280	STD2	STD1-Blank	1940.50	-.962145	08/21/96 10:14:1
T11908	190.864	STD2	STD1-Blank	1203.98	6.97085	08/21/96 10:14:1
V_2924	292.402	STD2	STD1-Blank	4398.37	-.523276	08/21/96 10:14:1
Zn2062	206.200	STD2	STD1-Blank	5760.26	-2.39935	08/21/96 10:14:1

Method: LRI Sample Name: IGY-1 Operator:
Run Time: 03/21/96 10:35:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	500.2	49160.	488.0	492.1	489.3	483.3	50000.
SDev	.2	38.	.9	1.2	.5	.5	77.
%RSD	.0431	.0772	.1916	.2480	.0968	.0981	.1531
#1	500.1	49150.	488.9	492.2	488.8	483.5	50100.
#2	500.2	49110.	487.8	493.3	489.6	482.7	49950.
#3	500.5	49180.	488.1	490.9	489.6	483.6	50050.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	482.0	482.4	489.0	493.8	49540.	52440.	48980.
SDev	1.0	.4	1.0	.6	56.	19.	8.
%RSD	.2136	.0906	.2035	.1278	.1138	.0371	.0162
#1	482.4	482.9	489.6	493.5	49570.	52460.	48970.
#2	480.8	482.0	487.9	493.4	49570.	52420.	48970.
#3	482.8	482.2	489.6	494.6	49670.	52430.	48980.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo3020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	493.1	493.8	46550.	491.6	434.1	490.6	488.4
SDev	.2	1.0	37.	.2	3.8	1.3	.9
%RSD	.0440	.1938	.0803	.0419	.7910	.3645	.1743
#1	493.3	494.7	46510.	491.6	438.5	488.8	488.7
#2	492.9	492.8	46550.	491.4	432.5	492.4	489.1
#3	493.2	494.0	46580.	491.8	431.4	490.5	487.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	55000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	489.3	497.8	484.5	491.8	497.0	490.4	505.7
SDev	2.5	2.9	4.0	4.9	3.1	.4	4.1
%RSD	.5144	.5370	.8154	.9893	.6203	.0759	.8085
#1	486.5	495.8	485.3	487.1	496.9	490.2	501.0
#2	491.3	501.1	480.1	496.8	493.9	490.2	507.9
#3	490.3	496.4	487.9	491.5	500.1	490.8	508.3
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	502.0	477.6
SDev	1.0	1.0
%RSD	.1912	.2071
#1	501.9	478.6
#2	501.1	476.7
#3	503.0	477.4
Errors	LC Pass	LC Pass
High	550.0	550.0
Low	450.0	450.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16567	--	--	--	--	--	--
SDev	45.04442	--	--	--	--	--	--
%RSD	.2718925	--	--	--	--	--	--
#1	16515	--	--	--	--	--	--
#2	16594	--	--	--	--	--	--
#3	16592	--	--	--	--	--	--

Method: LNI Sample Name: ICB-1 Operator:
Run Time: 03/11/96 10:40:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2613	55.51	.4612	1.326	.1955	-.0854	21.46
SDev	.1341	9.93	.8395	.415	.0748	.0934	8.81
%RSD	51.32	17.89	182.0	27.24	38.05	109.4	41.05
#1	.1410	44.09	1.191	1.763	.1174	-.0870	11.58
#2	.4059	61.86	-.4561	1.769	.2661	.0038	28.51
#3	.2369	60.60	.6488	1.046	.2059	-.1779	24.28
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0592	.3039	.1946	-.3436	33.26	23.24	14.30
SDev	.0019	.3076	.0021	.0787	10.49	15.15	9.22
%RSD	3.154	98.31	1.062	22.92	31.55	65.20	64.49
#1	.0595	.1256	.1961	-.2859	23.31	6.101	4.121
#2	.0572	.5318	.1955	-.4333	44.22	34.86	22.10
#3	.0608	.2543	.1922	-.3116	32.25	28.77	16.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.3293	1.160	-18.10	-.2328	1.337	.9586	1.085
SDev	.0726	.884	10.01	.7090	1.236	.3962	.674
%RSD	22.05	76.14	55.28	304.6	92.47	41.33	62.08
#1	.2456	.7712	-29.62	.4093	.1618	.6316	.4737
#2	.3670	2.172	-13.17	-.1141	1.222	.8450	.9712
#3	.3752	.5383	-11.52	-.9936	2.626	1.399	1.808
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.9802	2.566	-1.481	2.208	.5963	.3579	.3823
SDev	1.033	.698	4.025	.895	.9083	.0648	2.019
%RSD	105.4	27.21	271.9	40.55	152.4	17.62	528.1
#1	.7053	1.872	-4.372	3.239	.4722	.3226	-.7045
#2	.1122	2.558	-3.187	1.759	-.2441	.4421	-.9603
#3	2.123	3.268	3.116	1.627	1.561	.3389	2.712
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00	-10.00

Elem	V_3924	Zn2062
Units	PPB	PPB
Avge	.0075	.1537
SDev	.0036	.4113
%RSD	48.30	267.6
#1	.0053	-.3209
#2	.0056	.3736
#3	.0117	.4064

Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16534	--	--	--	--	--	--
SDev	112.0000	--	--	--	--	--	--
%RSD	.6773921	--	--	--	--	--	--
#1	16614	--	--	--	--	--	--
#2	16582	--	--	--	--	--	--
#3	16406	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-1 Operator:
Run Time: 08/21/96 10:45:18
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	503.4	49790.	500.7	498.2	498.3	498.6	50590.
SDev	1.5	139.	.4	1.1	1.5	1.0	121.
%RSD	.2887	.2784	.0815	.2286	.3006	.2100	.2396
#1	506.2	49900.	500.9	497.1	499.0	499.2	50540.
#2	503.7	49640.	500.2	498.0	496.6	497.4	50450.
#3	506.3	49840.	501.0	499.4	499.3	499.1	50670.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	488.6	497.4	494.9	501.3	50220.	53030.	49590.
SDev	1.0	1.6	.9	1.7	103.	190.	117.
%RSD	.2091	.3243	.1859	.3365	.2044	.3580	.2351
#1	488.4	497.4	495.3	501.1	50220.	53190.	49640.
#2	487.8	495.8	493.8	499.4	50120.	52820.	49440.
#3	489.8	499.1	495.5	502.5	50330.	53080.	49650.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	498.0	498.3	47290.	501.2	487.6	499.9	493.8
SDev	.9	1.4	157.	1.6	.9	2.7	1.5
%RSD	.1780	.2795	.3322	.3177	.1904	.5427	.3085
#1	498.4	496.9	47390.	500.5	488.4	496.9	494.0
#2	496.9	498.3	47110.	500.0	487.7	500.5	496.3
#3	498.5	499.7	47370.	503.0	486.5	502.2	497.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	495.8	505.7	490.2	499.6	502.3	497.0	514.3
SDev	4.1	3.5	2.1	7.0	.4	1.1	1.5
%RSD	.8277	.6871	.4282	1.410	.0877	.2295	.2844
#1	491.2	507.5	492.4	490.5	502.2	497.9	515.8
#2	497.4	501.7	488.3	501.9	501.9	495.8	512.9
#3	498.9	507.8	490.0	503.3	502.8	497.4	514.1
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	507.2	482.0
SDev	1.8	1.8
%RSD	.3460	.3832
#1	508.1	483.3
#2	505.2	479.9
#3	508.4	482.9
Errors	LC Pass	LC Pass
High	550.0	550.0
Low	450.0	450.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16419	--	--	--	--	--	--
SDev	16.50252	--	--	--	--	--	--
%RSD	.1005107	--	--	--	--	--	--
#1	16402	--	--	--	--	--	--
#2	16435	--	--	--	--	--	--
#3	16419	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-1 Operator:
Run Time: 08/21/96 10:50:15
Comment:
Code: CCNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3408	54.04	-2.005	1.247	.1370	-.1520	10.84
SDev	.1977	3.83	1.194	.375	.0503	.1335	6.45
%RSD	58.01	13.32	59.56	30.06	36.70	87.83	59.52
#1	.5093	53.84	-2.067	1.680	.0830	-.2749	3.811
#2	.1232	58.72	-3.166	1.028	.1824	-.0100	16.49
#3	.3900	49.57	-.7805	1.033	.1457	-.1710	12.22
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1904	.4396	.1932	-.7810	13.76	31.44	10.79
SDev	.1115	.2836	.2644	.1279	5.48	5.01	5.01
%RSD	58.53	64.51	136.8	16.38	39.81	15.94	46.41
#1	.2565	.5293	.0388	-.6460	7.619	30.60	5.420
#2	.0617	.1220	.0423	-.9004	15.52	38.82	15.33
#3	.2529	.5675	.4985	-.7965	18.14	26.90	11.62
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.1695	1.401	17.91	.2999	2.988	.6238	1.412
SDev	.0688	.493	34.37	.3639	.958	.2937	.210
%RSD	40.58	35.21	192.0	121.4	32.05	47.09	14.86
#1	.1314	1.954	41.94	-.1082	3.812	.2849	1.460
#2	.2488	1.241	33.25	.5909	1.937	.8041	1.182
#3	.1281	1.007	-21.47	.4170	3.215	.7825	1.593
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.900	-.0118	1.116	2.291	.7129	.1759	.3299
SDev	.939	.7464	3.161	.673	.7547	.1814	3.609
%RSD	49.40	6316.	283.3	29.39	105.9	102.6	1094.
1	2.945	.5032	3.883	2.476	1.560	.2213	4.462
#2	1.128	-.8678	-2.330	2.853	.4674	-.0226	-2.201
#3	1.628	.3292	1.794	1.545	.1114	.3320	-1.271
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	50.00					10.00

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	.0992	-.0697	
SDev	.1532	.1927	
%RSD	154.4	276.3	
#1	.0123	-.2922	
#2	.0086	.0394	
#3	.2761	.0436	
Errors	LC Pass	LC Pass	
High	50.00	20.00	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16471	--	--	--	--	--	--
SDev	65.98737	--	--	--	--	--	--
%RSD	.4006195	--	--	--	--	--	--
#1	16397	--	--	--	--	--	--
#2	16523	--	--	--	--	--	--
#3	16494	--	--	--	--	--	--

Method: LRI Sample Name: CRIA-1-1 Operator:
Run Time: 08/21/96 10:55:32
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1372	453.3	10.06	987.5	10.07	-.2054	386.7
SDev	.2557	2.1	2.01	4.1	.04	.0473	2.6
%RSD	186.4	.4699	19.97	.4167	.3740	23.05	.6758
#1	-.1463	451.0	10.60	982.9	10.05	-.2594	385.0
#2	.3493	453.7	11.74	989.3	10.04	-.1855	385.4
#3	.2091	455.2	L7.836	990.0	10.11	-.1712	389.7
Errors	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass
High		520.0	15.60	1300.	13.00		520.0
Low		280.0	8.400	700.0	7.000		280.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	6.116	.6647	-.1070	-1.069	202.8	2358.	397.9
SDev	.174	.2361	.0021	.210	7.5	7.	2.6
%RSD	2.848	35.51	1.957	19.60	3.695	.2758	.6551
#1	5.950	.3921	-.1094	-.8304	196.3	2364.	398.8
#2	6.099	.8011	-.1053	-1.155	201.2	2351.	394.9
#3	6.298	.8010	-.1063	-1.222	211.0	2358.	395.9
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	7.800				260.0	2600.	520.0
Low	4.200				140.0	1400.	280.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	Z203-1	Z203-2	Pbz203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	-.2510	50.50	1777.	-.7564	2.390	1.364	1.706
SDev	.0005	.89	31.	.1012	1.182	.433	.682
%RSD	.2124	1.764	1.759	13.38	49.45	31.72	39.95
#1	-.2504	49.69	1741.	-.8152	3.335	1.739	2.272
#2	-.2512	51.45	1793.	-.6396	2.767	1.462	1.897
#3	-.2514	50.37	1796.	-.8144	1.065	.8908	.9495
Errors	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		65.00	2600.				
Low		35.00	1400.				

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2380	-.3460	.7249	-.0058	99.01	99.39	.5987
SDev	.8092	2.8068	.4219	1.1171	.26	.15	.5273
%RSD	339.9	811.3	58.21	19420.	.2588	.1528	88.07
#1	.2498	1.199	1.143	-.1968	99.03	99.39	1.104
#2	-.5769	-3.586	.2991	-1.015	98.74	99.54	.6399
#3	1.041	1.358	.7328	1.195	99.25	99.24	.0521
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK
High					130.0	130.0	

Low	70.00	70.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.3013	-.2267
SDev	.2647	.5231
%RSD	19860.	230.7
#1	.0035	-.6810
#2	-.2645	.3452
#3	.2650	-.3443
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16597	--	--	--	--	--	--
SDev	57.32655	--	--	--	--	--	--
%RSD	.3453962	--	--	--	--	--	--
#1	16533	--	--	--	--	--	--
#2	16643	--	--	--	--	--	--
#3	16616	--	--	--	--	--	--

Method: ICP Sample Name: CRI-1-1 Operator:
Run Time: 09/11/96 11:04:31
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	22.71	56.78	21.62	.3425	.1183	9.828	59.15
SDev	.33	2.78	1.76	.3842	.0455	.031	12.70
%RSD	1.447	4.851	8.130	112.2	39.27	.3157	21.47
#1	22.51	57.36	19.79	.7535	.1339	9.810	51.52
#2	22.84	59.16	21.77	.2533	.0640	9.811	52.12
#3	23.09	52.82	23.29	.0108	.1494	9.864	73.82
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	26.00		26.00			13.00	
Low	14.00		14.00			7.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.19	101.8	20.41	49.89	4.468	11.19	14.01
SDev	.08	.3	.32	.04	5.572	2.40	1.64
%RSD	.7922	.2493	1.581	.0829	126.9	21.47	11.67
#1	10.15	101.6	20.20	49.87	9.670	12.90	15.28
#2	10.28	102.1	20.24	49.94	-1.579	8.441	14.58
#3	10.13	101.9	20.78	49.86	5.313	12.22	12.17
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	13.00	130.0	26.00	65.00			
Low	7.000	70.00	14.00	35.00			

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	30.84	1.082	61.20	82.23	8.885	6.526	7.312
SDev	.09	.357	36.06	1.14	.791	1.273	.714
%RSD	.3000	33.00	58.93	1.381	8.787	19.51	9.757
#1	30.91	1.472	90.48	83.47	8.755	7.787	H8.110
#2	30.74	1.003	20.92	81.25	9.723	5.241	6.734
#3	30.87	.7714	72.19	81.95	8.178	6.551	7.093
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass
High	39.00			104.0			7.800
Low	21.00			56.00			4.200

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.27	129.9	11.71	9.556	-.8444	-.1053	21.20
SDev	.67	1.2	2.74	2.314	1.4450	.1807	1.27
%RSD	6.477	.9466	23.40	24.21	171.1	171.7	6.007
#1	9.527	128.9	14.19	7.197	.4690	.0916	20.37
#2	10.49	129.5	12.16	9.651	-2.392	-.2637	22.66
#3	10.81	131.3	8.772	11.82	-.6100	-.1438	20.56
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	13.00	156.0					26.00

Low	7.000	84.00	14.00

Elem	V_2924	In2082
Units	PPB	PPB
Avge	103.4	40.22
SDev	.4	.65
%RSD	.3790	1.607
#1	103.2	39.98
#2	103.2	39.74
#3	103.9	40.96
Errors	LC Pass	LC Pass
High	130.0	52.00
Low	70.00	28.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16614	--	--	--	--	--	--
SDev	49.39973	--	--	--	--	--	--
%RSD	.2973439	--	--	--	--	--	--
#1	16574	--	--	--	--	--	--
#2	16669	--	--	--	--	--	--
#3	16598	--	--	--	--	--	--

Method: ICI Sample Name: ICSA-1-1 Operator:
Run Time: 08/21/96 11:13:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0302	477100.	.6614	.5413	1.504	-1.281	457400.
SDev	.1360	2095.	.9400	1.224	.018	.202	797.
%RSD	38.83	.4391	167.2	226.0	1.175	15.78	.1743
#1	.3775	478500.	-.2456	1.769	1.507	-1.489	458100.
#2	.4704	478100.	1.594	.5366	1.519	-1.271	457700.
#3	.2028	474700.	.3386	-.6800	1.485	-1.085	456500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	600000.	12.00	1000.	10.00	10.00	600000.
Low	-10.00	400000.	-12.00	-1000.	-10.00	-10.00	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	3.429	-1.903	2.238	-6.498	185700.	-58.34	494300.
SDev	.449	.386	.105	.224	373.	1.80	1765.
%RSD	13.10	21.59	4.683	3.441	.2011	3.083	.3571
#1	3.524	-2.245	2.304	-6.260	185900.	-56.30	495600.
#2	2.940	-1.512	2.292	-6.531	185800.	-59.02	495000.
#3	3.823	-1.653	2.117	-6.703	185200.	-59.70	492300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	6.000	20.00	20.00	50.00	240000.	2000.	600000.
Low	-6.000	-20.00	-20.00	-50.00	150000.	-2000.	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Z203-1	Z203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	5.039	2.345	-359.6	2.437	-3.843	18.62	H11.14
SDev	.138	.870	48.9	.372	1.988	2.31	1.57
%RSD	2.745	42.53	13.60	15.29	51.75	12.43	14.14
#1	4.886	2.561	-413.0	2.017	-4.879	21.17	H12.50
#2	5.166	1.041	-348.7	2.565	-5.099	16.66	H9.413
#3	5.074	2.532	-317.0	2.728	-1.550	18.03	H11.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High
High	10.00	50.00	1000.	40.00			6.000
Low	-10.00	-50.00	-1000.	-40.00			-6.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	-2.437	1.309	4.132	-5.717	4.991	1.093	2.975
SDev	2.317	3.040	1.679	2.644	1.373	.178	3.369
%RSD	95.10	232.2	40.64	46.24	27.51	16.25	113.2
#1	-.0490	2.819	5.955	-3.047	6.313	.9396	-.9088
#2	-4.676	-2.190	2.647	-8.334	3.572	1.053	5.107
#3	-2.584	3.298	3.794	-5.770	5.086	1.288	4.727
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	20.00			100.0	100.0	20.00

Low	-10.00	-20.00			-100.0	-100.0	-20.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.6237	-6.326
SDev	.1666	.504
%RSD	26.71	7.961
#1	-.6935	-6.852
#2	-.4338	-5.848
#3	-.7441	-6.277

Errors	LC Pass	LC Pass
High	10.00	40.00
Low	-10.00	-40.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15413	--	--	--	--	--	--
SDev	109.0749	--	--	--	--	--	--
%RSD	.7076965	--	--	--	--	--	--
#1	15306	--	--	--	--	--	--
#2	15406	--	--	--	--	--	--
#3	15524	--	--	--	--	--	--

Method: LRI Sample Name: ICSAB-1-1 Operator:
Run Time: 08/21/96 11:15:53
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	191.0	474400.	93.98	2.225	504.6	463.9	455500.
SDev	1.5	1302.	3.81	.792	1.3	1.7	1753.
%RSD	.7973	.2744	3.970	35.62	.2555	.3690	.3849
#1	189.4	473300.	97.68	2.975	503.4	462.3	453700.
#2	192.3	475800.	96.63	1.396	506.0	465.7	457200.
#3	191.5	474000.	91.62	2.305	504.3	463.9	455400.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	240.0	500000.	120.0		600.0	600.0	600000.
Low	160.0	400000.	80.00		400.0	400.0	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	918.9	460.2	469.5	526.4	190400.	-70.01	498100.
SDev	3.2	1.8	1.4	1.8	684.	2.65	1710.
%RSD	.3528	.3864	.3056	.3404	.3595	3.787	.3434
#1	916.1	458.6	468.4	525.1	189700.	-69.34	496500.
#2	922.4	462.1	471.1	528.4	191100.	-67.76	499900.
#3	918.2	459.9	469.0	525.7	190400.	-72.94	498000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1200.	600.0	600.0	600.0	240000.	5000.	600000.
Low	800.0	400.0	400.0	400.0	160000.	-5000.	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	480.2	3.243	-348.3	936.7	43.83	62.29	56.14
SDev	1.7	.427	31.9	5.1	.78	4.51	2.85
%RSD	.3481	13.13	9.168	.5494	1.771	7.235	5.072
#1	478.6	2.756	-312.8	931.9	44.31	57.13	52.86
#2	482.0	3.502	-374.6	942.2	44.25	64.26	57.60
#3	480.1	3.488	-357.6	935.2	42.94	65.47	57.97
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	600.0		5000.	1200.			60.00
Low	400.0		-5000.	800.0			40.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	46.90	608.9	46.72	46.99	5.543	1.427	98.30
SDev	1.06	2.6	6.00	4.56	1.540	.147	4.06
%RSD	2.268	.4270	12.84	9.709	27.78	10.33	4.126
#1	45.67	611.5	53.45	41.79	6.933	1.510	94.07
#2	47.50	608.8	44.75	48.87	5.807	1.515	102.2
#3	47.53	606.3	41.95	50.31	3.888	1.257	98.69
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	50.00	720.0					120.0

Low	40.00	480.0	90.00

Elem	V_1924	In2062
Units	PPB	PPB
Avge	485.9	887.8
SDev	1.9	4.0
%RSD	.3936	.4519
#1	483.7	885.3
#2	487.5	892.4
#3	486.4	888.8
Errors	LC Pass	LC Pass
High	600.0	1200.
Low	400.0	800.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15703	--	--	--	--	--	--
SDev	36.07400	--	--	--	--	--	--
%RSD	.2297317	--	--	--	--	--	--
#1	15730	--	--	--	--	--	--
#2	15668	--	--	--	--	--	--
#3	15740	--	--	--	--	--	--

Method: LRI Sample Name: LCCS2 Operator:
Run Time: 08/21/96 11:24:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	997.5	143.7	1006.	1009.	1012.	998.9	66.91
SDev	1.1	31.2	2.	2.	1.	1.2	29.64
%RSD	.1094	21.70	.1997	.2334	.1172	.1168	44.31
#1	997.2	108.6	1012.	1006.	1012.	999.2	33.41
#2	996.6	168.3	1008.	1010.	1011.	997.6	89.76
#3	998.7	154.2	1009.	1010.	1013.	999.9	77.55
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK
High	1050.		1050.	1050.	1050.	1050.	
Low	950.0		950.0	950.0	950.0	950.0	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1011.	996.0	1001.	1004.	114.4	21.02	82.11
SDev	2.	1.9	2.	1.	14.3	.35	26.50
%RSD	.1812	.1899	.1752	.1405	12.51	1.685	32.28
#1	1011.	996.8	1003.	1004.	97.85	21.00	51.62
#2	1009.	993.8	999.7	1004.	123.2	20.68	99.65
#3	1013.	997.4	1001.	1006.	122.0	21.38	95.07
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	1050.	1050.	1050.	1050.			
Low	950.0	950.0	950.0	950.0			

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb1203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	996.4	1001.	-59.06	1011.	984.7	1018.	1007.
SDev	1.4	4.	29.16	2.	3.5	4.	3.
%RSD	.1406	.3756	49.37	.1659	.3561	.3525	.3133
#1	997.5	997.6	-56.24	1012.	987.2	1016.	1007.
#2	994.8	1001.	-89.53	1009.	980.7	1015.	1004.
#3	996.9	1005.	-31.42	1011.	986.3	1022.	1010.
Errors	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass
High	1050.	1050.		1050.			1050.
Low	950.0	950.0		950.0			950.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	999.4	1014.	976.8	1011.	993.6	1001.	1001.
SDev	6.8	6.	2.8	9.	2.6	2.	2.
%RSD	.6829	.5369	.2888	.8788	.2634	.1508	.2022
#1	994.1	1007.	975.3	1003.	996.6	1002.	1001.
#2	997.0	1016.	975.0	1008.	991.6	999.4	1003.
#3	1007.	1019.	980.0	1021.	992.6	1002.	999.2
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1050.	1050.			1050.	1050.	1050.

Low	950.0	950.0			950.0	950.0	950.0

Elem	Y_3914	Zn2062
Units	PPB	PPB
Avge	988.0	998.0
SDev	1.8	1.0
%RSD	.1797	.0990
#1	987.6	997.8
#2	988.3	997.1
#3	989.8	999.1
Errors	LO Pass	LO Pass
High	1050.	1050.
Low	950.0	950.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16438	--	--	--	--	--	--
SDev	39.00427	--	--	--	--	--	--
%RSD	.2372859	--	--	--	--	--	--
#1	16458	--	--	--	--	--	--
#2	16465	--	--	--	--	--	--
#3	16393	--	--	--	--	--	--

Method: LRI Sample Name: LCCS3 Operator:
Run Time: 08/21/96 11:29:08
Comment:
Code: CCNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3795	99980.	-2.492	2.148	1.768	-.3986	98950.
SDev	.1151	76.	2.688	.773	.042	.0287	194.
%RSD	30.34	.0761	107.8	36.01	2.397	7.200	.1958
#1	.2532	100100.	-1.402	2.245	1.751	-.4303	99120.
#2	.4066	99970.	-5.554	2.867	1.737	-.3909	98740.
#3	.4786	99910.	-.5214	1.330	1.816	-.3745	99000.
Errors	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High		105000.					105000.
Low		95000.					95000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.9993	.2864	-.0707	-3.282	99510.	100400.	99560.
SDev	.1738	.0027	.2372	.207	124.	148.	147.
%RSD	17.39	.9436	335.5	6.307	.1251	.1476	.1476
#1	.8406	.2885	-.1244	-3.273	99620.	100600.	99720.
#2	1.195	.2872	-.2765	-3.492	99370.	100400.	99430.
#3	.9628	.2833	.1888	-3.079	99550.	100300.	99520.
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High					105000.	105000.	105000.
Low					95000.	95000.	95000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.2086	1.495	101100.	1.512	-1.243	7.108	4.328
SDev	.0729	.415	236.	.616	1.144	.975	.511
%RSD	34.94	27.79	.2330	40.75	92.09	13.72	11.81
#1	.2619	1.737	101400.	.8006	-2.096	6.883	3.894
#2	.1255	1.732	101000.	1.869	-1.690	8.176	4.891
#3	.2385	1.015	100900.	1.867	.0579	6.265	4.199
Errors	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High			105000.				
Low			95000.				

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	-.4676	2.790	-.6978	-.3535	2.306	.1567	4.352
SDev	1.1294	1.493	3.1420	2.7453	2.646	.1396	.843
%RSD	241.5	53.51	450.3	776.6	114.7	89.06	19.36
#1	-1.214	3.915	-2.541	-.5519	1.578	.2407	3.384
#2	.8318	1.096	-2.482	2.486	.1005	-.0044	4.922
#3	-1.021	3.359	2.930	-2.994	5.240	.2339	4.750
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High							

Low

Elem	V_2924	In2062
Units	PPB	PPB
Avge	-2.088	-5.310
SDev	.154	.407
%RSD	7.398	7.659
#1	-2.256	-5.060
#2	-1.994	-5.779
#3	-2.003	-5.091
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16189	--	--	--	--	--	--
SDev	48.78866	--	--	--	--	--	--
%RSD	.3013754	--	--	--	--	--	--
#1	16133	--	--	--	--	--	--
#2	16209	--	--	--	--	--	--
#3	16224	--	--	--	--	--	--

Method: LRI Sample Name: PBW-2078 Operator:
Run Time: 08/21/96 11:34:15
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2833	149.5	-2.291	3.006	.3173	-.5374	62.50
SDev	.3477	11.6	1.141	.671	.0412	.0826	14.89
%RSD	122.7	7.756	49.80	22.32	13.00	15.36	23.82
#1	.0566	139.9	-2.097	2.232	.2697	-.4978	49.53
#2	.6836	162.4	-3.516	3.379	.3398	-.4821	78.75
#3	.1096	146.1	-1.260	3.408	.3424	-.6323	59.23
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	-.0022	.4787	.0835	-.9531	35.82	74.82	41.91
SDev	.2229	.0800	.3923	.2435	15.15	14.93	14.33
%RSD	10170.	16.71	470.1	25.55	42.28	19.98	34.20
#1	-.1299	.5257	.0330	-1.198	20.94	58.33	30.86
#2	.2552	.3863	.4983	-.9493	51.22	87.50	58.10
#3	-.1318	.5240	-.2812	-.7115	35.31	78.64	36.76
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.0541	.3577	83.82	.0193	3.256	.4301	1.372
SDev	.0733	.2766	33.02	.5772	.582	1.842	1.060
%RSD	135.4	32.25	39.39	2994.	17.88	428.4	77.24
#1	.0126	1.016	117.0	-.6396	3.928	-1.490	.3146
#2	.0110	.3383	50.92	.4357	2.907	.3972	1.367
#3	.1387	1.019	83.59	.2617	2.933	2.183	2.434
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.509	1.022	2.123	1.201	1.207	.0778	.9135
SDev	2.752	1.150	2.162	3.062	3.204	.1373	2.791
%RSD	182.4	112.6	101.8	254.9	265.5	176.5	305.5
#1	-1.436	2.075	-.3017	-2.004	-2.469	.2362	1.320
#2	1.948	1.194	2.823	1.510	3.406	-.0043	3.479
#3	4.015	-.2051	3.849	4.098	2.684	.0014	-2.058
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.1614	3.415
SDev	.3149	1.033
%RSD	195.1	30.26
#1	.0183	2.222
#2	-.3250	3.932
#3	.0215	4.031
Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16171	--	--	--	--	--	--
SDev	51.28677	--	--	--	--	--	--
%RSD	.3171593	--	--	--	--	--	--
#1	16193	--	--	--	--	--	--
#2	16207	--	--	--	--	--	--
#3	16112	--	--	--	--	--	--

Method: LRI Sample Name: LCSW-2078 Operator:
Run Time: 08/21/96 11:39:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.60	2211.	42.39	2020.	2038.	52.27	20540.
SDev	.06	11.	.66	11.	1.	.07	51.
%RSD	.1251	.5062	1.553	.5205	.0574	.1360	.2474
#1	50.67	2200.	43.02	2008.	2036.	52.20	20480.
#2	50.54	2222.	42.43	2022.	2038.	52.26	20550.
#3	50.60	2210.	41.71	2029.	2038.	52.35	20580.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	2400.	48.00	2400.	2400.	60.00	24000.
Low	40.00	1600.	32.00	1600.	1600.	40.00	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.49	500.5	214.2	256.6	1116.	22780.	19990.
SDev	.25	.4	.5	.2	11.	19.	39.
%RSD	.5048	.0810	.2354	.0696	1.028	.0783	.1938
#1	50.30	500.2	213.8	256.4	1103.	22780.	19940.
#2	50.78	500.3	214.7	256.7	1124.	22760.	20000.
#3	50.38	500.9	214.1	256.7	1121.	22800.	20020.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	600.0	240.0	300.0	1200.	24000.	24000.
Low	40.00	400.0	160.0	200.0	800.0	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	504.1	2020.	18480.	514.3	22.83	18.86	20.18
SDev	1.1	6.	59.	1.2	.18	1.63	1.06
%RSD	.2151	.2757	.3168	.2367	.7872	8.655	5.250
#1	503.0	2013.	18450.	513.6	23.03	18.20	19.81
#2	504.3	2024.	18440.	515.7	22.76	17.67	19.36
#3	505.1	2022.	18550.	513.6	22.70	20.72	21.38
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	600.0	2400.	24000.	600.0			24.00
Low	400.0	1600.	16000.	400.0			16.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	11.60	531.2	11.29	11.75	1979.	1977.	48.29
SDev	2.67	2.2	5.05	2.04	1.	3.	.73
%RSD	23.05	.4049	44.70	17.34	.0334	.1506	1.505
#1	10.32	532.2	11.38	9.788	1980.	1973.	48.52
#2	9.801	528.8	6.201	11.60	1979.	1978.	47.48
#3	H14.67	532.7	16.30	13.85	1979.	1979.	48.88
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	12.00	600.0			2400.	2400.	60.00

Low	3.000	400.0			1600.	1600.	40.00

Elem	V_2924	In2082
Units	PPB	PPB
Avge	492.4	532.5
SDev	1.3	1.2
%RSD	.2578	.2334
#1	490.9	531.1
#2	492.9	533.5
#3	493.3	533.0
Errors	LC Pass	LC Pass
High	600.0	600.0
Low	400.0	400.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16193	--	--	--	--	--	--
SDev	15.37314	--	--	--	--	--	--
%RSD	.0949350	--	--	--	--	--	--
#1	16211	--	--	--	--	--	--
#2	16183	--	--	--	--	--	--
#3	16186	--	--	--	--	--	--

Method: LRI Sample Name: 0827201 Operator:
Run Time: 08/21/96 11:46:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.728	319300.	903.5	372.1	2323.	20.69	83570.
SDev	.032	292.	5.2	1.1	.	.02	148.
%RSD	1.902	.0914	.5788	.2839	.0095	.1050	.1771
#1	2.730	319200.	906.3	372.9	2323.	20.71	83500.
#2	2.675	319600.	897.5	372.5	2323.	20.67	83770.
#3	2.779	319000.	906.8	370.9	2322.	20.69	83740.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.	100000.	100000.	10000.	500000.
Low	-5.000	-200.0	-6.000	-500.0	-5.000	-5.000	-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	27.23	128.5	1509.	739.6	H1181000.	49440.	32570.
SDev	.71	.7	3.	.5	2426.	48.	39.
%RSD	2.620	.5724	.1795	.0708	.2054	.0962	.1203
#1	27.79	129.2	1505.	740.2	H1178000.	49470.	32530.
#2	26.43	127.7	1510.	739.5	H1183000.	49470.	32600.
#3	27.47	128.6	1510.	739.2	H1182000.	49390.	32580.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-3.000	-10.00	-10.00	-25.00	-100.0	-1000.	-200.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1549.	65.89	5389.	303.2	1390.	1481.	1451.
SDev	2.	.68	51.	.4	3.	14.	10.
%RSD	.1536	1.040	.9492	.1371	.1987	.9642	.6733
#1	1547.	66.58	5448.	303.2	1387.	1470.	1443.
#2	1551.	65.21	5355.	303.6	1390.	1498.	1462.
#3	1551.	65.88	5364.	302.8	1392.	1476.	1448.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.	20000.	400000.	50000.			10000.
Low	-5.000	-25.00	-1000.	-20.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.714	-8.934	-25.16	16.63	83.81	840.4	51.49
SDev	.658	6.440	4.60	3.28	1.23	.3	3.37
%RSD	24.24	72.09	18.28	19.73	1.467	.0393	6.546
#1	2.134	-5.851	-20.87	13.62	83.78	840.1	55.34
2	3.429	L-15.34	-30.01	20.12	82.59	840.7	49.12
#3	2.578	-4.614	-24.59	16.14	85.05	840.4	50.00
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	10000.	50000.			50000.	50000.	20000.

Low	-5.000	-10.00			-50.00	-50.00	-10.00
Elem	V_2924	Cr2062					
Units	PPB	PPB					
Avge	2022.	1134.					
SDev	3.	2.					
%RSD	.1491	.2180					
#1	2019.	1131.					
#2	2025.	1134.					
#3	2022.	1136.					
Errors	LC Pass	LC Pass					
High	20000.	20000.					
Low	-5.000	-20.00					
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	22145	--	--	--	--	--	--
SDev	64.09368	--	--	--	--	--	--
%RSD	.2894273	--	--	--	--	--	--
#1	22207	--	--	--	--	--	--
#2	22079	--	--	--	--	--	--
#3	22149	--	--	--	--	--	--

Method: LRI Sample Name: 0827202 Operator:
Run Time: 08/21/96 11:51:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.851	17530.	24.70	184.4	664.2	.8061	84740.
SDev	.073	78.	3.30	1.3	2.7	.0570	352.
%RSD	3.943	.4476	13.37	.7283	.4131	7.068	.4159
#1	1.838	17620.	24.25	185.9	667.4	.7453	85150.
#2	1.767	17510.	21.64	183.6	662.6	.8582	84350.
#3	1.898	17460.	28.20	183.5	662.6	.8149	84530.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.	100000.	100000.	10000.	500000.
Low	-5.000	-200.0	-5.000	-500.0	-5.000	-5.000	-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.324	10.93	32.09	476.7	43610.	10160.	10730.
SDev	.223	.15	.31	2.5	227.	46.	59.
%RSD	16.98	1.409	.9741	.5282	.5198	.4499	.5489
#1	1.583	10.89	31.90	479.6	43870.	10210.	10800.
#2	1.181	10.80	31.91	475.5	43510.	10140.	10710.
#3	1.207	11.10	32.45	475.0	43460.	10120.	10690.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-3.000	-10.00	-10.00	-25.00	-100.0	-1000.	-200.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	576.2	10.03	19580.	28.28	1032.	1067.	1055.
SDev	2.5	.32	80.	.44	8.	3.	1.
%RSD	.4382	3.197	.4073	1.561	.7326	.2795	.0576
#1	579.1	9.695	19670.	28.79	1041.	1064.	1056.
#2	574.6	10.07	19530.	27.99	1029.	1069.	1056.
#3	574.8	10.33	19530.	28.07	1027.	1069.	1055.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.	20000.	400000.	50000.			10000.
Low	-5.000	-25.00	-1000.	-20.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Ti1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	3.677	36.30	1.553	4.736	127.4	314.2	-.3438
SDev	.542	.95	3.696	1.269	.8	1.7	.9129
%RSD	14.73	2.614	238.0	26.79	.6308	.5285	265.6
#1	4.266	35.41	5.664	3.568	128.3	316.1	-1.056
#2	3.562	37.30	-1.496	6.086	127.1	313.5	.8854
#3	3.201	36.20	.4905	4.554	126.7	313.1	-.6608
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	10000.	50000.			50000.	50000.	20000.

Low	-5.000	-10.00			-50.00	-50.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	60.51	462.3
SDev	.61	2.3
%RSD	1.013	.4925
#1	60.75	464.9
#2	60.97	460.8
#3	59.81	461.0

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-5.000	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16569	--	--	--	--	--	--
SDev	80.43217	--	--	--	--	--	--
%RSD	.4854279	--	--	--	--	--	--
#1	16490	--	--	--	--	--	--
#2	16636	--	--	--	--	--	--
#3	16582	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-2 Operator:
Run Time: 08/21/96 11:56:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	505.2	49970.	498.2	504.8	502.2	489.0	50580.
SDev	3.9	435.	4.0	7.4	4.1	5.4	636.
%RSD	.7750	.8729	.7983	1.474	.8204	1.112	1.257
#1	500.7	49390.	492.7	495.3	497.7	482.9	49860.
#2	508.0	50230.	499.8	510.2	505.6	493.3	51050.
#3	506.9	50080.	501.2	507.8	503.4	490.8	50840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	491.6	497.1	495.6	502.9	50360.	53160.	49580.
SDev	5.5	5.2	6.1	3.7	577.	298.	503.
%RSD	1.125	1.044	1.222	.7353	1.146	.5602	1.014
#1	485.2	491.3	488.6	498.6	49700.	52850.	49020.
#2	494.3	501.1	499.6	505.5	50760.	53440.	49990.
#3	494.8	499.0	498.6	504.4	50610.	53190.	49740.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2200-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	498.0	500.9	47510.	504.5	483.3	505.3	498.0
SDev	5.4	4.7	373.	4.9	5.8	10.0	8.5
%RSD	1.086	.9321	.7842	.9617	1.208	1.969	1.713
#1	491.9	495.5	47120.	499.2	477.7	494.4	488.8
#2	502.1	503.6	47870.	508.7	489.3	513.9	505.7
#3	500.0	503.6	47530.	505.6	482.9	507.6	499.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	494.2	515.4	479.1	501.8	494.7	497.9	514.8
SDev	10.3	5.3	12.3	9.4	4.1	4.4	7.5
%RSD	2.093	1.035	2.563	1.875	.8209	.8746	1.450
#1	482.4	509.2	465.3	491.6	490.1	493.0	506.7
#2	501.8	518.3	488.9	509.2	497.8	501.4	521.4
#3	498.5	518.6	483.0	506.2	496.2	499.2	516.3
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0

Elem	V_2924	In2062
Units	PPB	PPB
Avge	503.0	480.7
SDev	5.1	7.7
%RSD	1.010	1.596
#1	497.9	471.9
#2	508.8	486.2
#3	508.1	483.9

Errors	LC Pass	LC Pass
High	550.0	550.0
Low	450.0	450.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16316	--	--	--	--	--	--
SDev	202.0074	--	--	--	--	--	--
%RSD	1.238094	--	--	--	--	--	--
#1	16542	--	--	--	--	--	--
#2	16163	--	--	--	--	--	--
#3	16253	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-2 Operator:
Run Time: 08/21/96 12:01:25
Comment:
Mode: CCNO Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4240	112.4	1.483	1.400	.1887	-.1884	14.07
SDev	.1799	6.6	2.380	.911	.0639	.0978	8.23
%RSD	42.43	5.853	160.5	65.02	33.87	51.91	44.25
#1	.2573	104.8	2.271	2.150	.1188	-.2809	7.243
#2	.6147	113.4	-1.191	.3909	.2442	-.0860	15.54
#3	.4001	118.9	3.369	1.660	.2032	-.1983	19.43
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0578	.4866	.0941	-1.517	41.32	20.31	6.199
SDev	.0038	.2831	.2310	.123	25.19	4.92	4.743
%RSD	6.595	55.17	245.4	8.092	60.96	24.22	76.50
#1	.0622	.6042	.0421	-1.657	12.89	16.28	1.030
#2	.0560	.2809	-.1064	-1.467	50.23	18.86	7.218
#3	.0553	.3948	.3487	-1.427	60.84	25.80	10.35
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo1020	Na3302	Ni2316	Z203-1	Z203-2	Pbz203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.2065	1.083	-32.49	-.8151	1.495	1.262	1.340
SDev	.0681	.355	14.30	.1759	.397	1.710	1.273
%RSD	32.96	32.78	44.01	21.58	26.56	135.6	95.02
#1	.1279	1.007	-47.99	-.9913	1.325	.4698	.7550
#2	.2448	1.470	-29.66	-.8144	1.948	3.224	2.800
#3	.2469	.7721	-19.82	-.6396	1.211	.0904	.4641
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.9973	-.5276	-.1351	1.562	1.187	-.1029	2.563
SDev	.4606	2.4731	1.2762	.064	.962	.1788	2.032
%RSD	46.18	468.7	944.5	4.074	80.19	173.8	79.29
#1	1.101	-3.587	.2282	1.536	1.906	-.2571	4.262
#2	.4936	2.215	-1.554	1.515	.1076	-.1446	.3117
#3	1.397	-1.211	.9200	1.634	1.548	.0931	3.114
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	50.00					10.00

Low	-5.000	-60.00	-10.00

Elem	V_2924	In2082
Units	PPB	PPB
Avge	.4491	.4963
SDev	.3033	.2101
%RSD	68.27	42.33
#1	.2753	.7369
#2	.2686	.3700
#3	.8034	.3801

Errors	LC Pass	LO Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16559	--	--	--	--	--	--
SDev	51.63655	--	--	--	--	--	--
%RSD	.3118275	--	--	--	--	--	--
#1	16513	--	--	--	--	--	--
#2	16615	--	--	--	--	--	--
#3	16550	--	--	--	--	--	--

Method: LRI Sample Name: ICSAB-1-1 Operator:
Run Time: 03/21/96 11:15:53
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	191.0	474400.	93.98	2.225	504.6	463.9	455500.
SDev	1.5	1302.	3.91	.792	1.3	1.7	1753.
%RSD	.7973	.2744	3.970	35.62	.2555	.3690	.3849
#1	189.4	473300.	97.68	2.975	503.4	462.3	453700.
#2	192.3	475800.	96.65	1.396	506.0	465.7	457200.
#3	191.5	474000.	91.62	2.305	504.3	463.9	455400.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	240.0	600000.	120.0		600.0	600.0	600000.
Low	160.0	400000.	80.00		400.0	400.0	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	918.9	460.2	469.5	525.4	190400.	-70.01	498100.
SDev	3.2	1.8	1.4	1.8	684.	2.65	1710.
%RSD	.3528	.3864	.3056	.3404	.3595	3.787	.3434
#1	916.1	458.6	468.4	525.1	189700.	-69.34	496500.
#2	922.4	462.1	471.1	526.4	191100.	-67.76	499900.
#3	918.2	459.9	469.0	525.7	190400.	-72.94	498000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1200.	600.0	600.0	600.0	240000.	5000.	600000.
Low	800.0	400.0	400.0	400.0	160000.	-5000.	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	480.2	3.249	-348.3	936.7	43.83	62.29	56.14
SDev	1.7	.427	31.9	5.1	.78	4.51	2.85
%RSD	.3481	13.13	9.168	.5494	1.771	7.235	5.072
#1	478.6	2.756	-312.8	931.9	44.31	57.13	52.86
#2	482.0	3.502	-374.6	942.2	44.25	64.26	57.60
#3	480.1	3.488	-357.6	935.2	42.94	65.47	57.97
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	600.0		5000.	1200.			60.00
Low	400.0		-5000.	800.0			40.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	46.90	608.9	46.72	46.99	5.543	1.427	98.30
SDev	1.06	2.6	6.00	4.56	1.540	.147	4.06
%RSD	2.268	.4270	12.84	9.709	27.78	10.33	4.126
#1	45.67	611.5	53.45	41.79	6.933	1.510	94.07
#2	47.50	608.8	44.75	48.87	5.807	1.515	102.2
#3	47.53	606.3	41.95	50.31	3.888	1.257	98.69
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	60.00	720.0					120.0

Low	40.00	480.0	80.00

Elem	V_2924	In2061
Units	PPB	PPB
Avge	485.9	887.8
SDev	1.9	4.0
%RSD	.3936	.4519
#1	483.7	885.3
#2	487.5	892.4
#3	486.4	885.8
Errors	LC Pass	LC Pass
High	600.0	1200.
Low	400.0	800.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15703	--	--	--	--	--	--
SDev	36.07400	--	--	--	--	--	--
%RSD	.2297317	--	--	--	--	--	--
#1	15700	--	--	--	--	--	--
#2	15668	--	--	--	--	--	--
#3	15740	--	--	--	--	--	--

Method: LRI Sample Name: 0927203 Operator:
Run Time: 03/21/96 12:06:32
Comment:
Mode: CCNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1334	3310.	6.859	141.1	204.0	-.4153	61470.
SDev	.1190	2.	1.997	.4	.1	.0574	255.
%RSD	89.22	.0612	27.63	.2751	.0621	16.23	.4157
#1	.0016	3322.	4.743	140.8	204.0	-.3379	61170.
#2	.1554	3316.	7.427	141.0	203.9	-.4473	61580.
#3	.2331	3321.	8.407	141.5	204.1	-.4603	61650.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6294	2.560	4.555	22.19	32950.	3855.	9594.
SDev	.2423	.457	.339	.15	101.	2.	13.
%RSD	38.49	17.92	7.444	.6925	.3055	.0622	.1324
#1	.4665	2.345	4.206	22.13	32830.	3854.	9586.
#2	.9079	3.074	4.884	22.08	32990.	3858.	9587.
#3	.5139	2.232	4.574	22.37	33020.	3854.	9603.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-30.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	759.6	3.333	29220.	7.054	81.19	82.05	81.77
SDev	1.9	.709	7.	.475	2.48	.50	.75
%RSD	.2501	19.78	.0244	6.733	3.057	.6092	.9214
#1	757.4	3.156	29230.	6.504	78.66	82.51	81.23
#2	760.3	3.192	29210.	7.327	81.28	81.52	81.44
#3	761.0	4.400	29220.	7.333	83.63	82.13	82.53
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Sb1960	Sb2069	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.583	9.821	-2.974	3.857	6.752	73.15	2.330
SDev	1.529	.785	3.269	.669	2.784	.33	3.378
%RSD	96.59	7.995	109.9	17.33	41.24	.4564	145.9
#1	.6553	10.20	-5.131	3.544	9.149	72.78	1.981
#2	.7431	8.918	-4.573	3.402	3.698	73.43	-.9081
#3	3.347	10.34	.7870	4.624	7.410	73.24	5.823
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2914	Sn2863
Units	PPB	PPB
Avge	10.12	134.6
SDev	.14	.6
%RSD	1.400	.4661
#1	10.11	134.2
#2	9.988	135.4
#3	10.27	134.4
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-30.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16111	--	--	--	--	--	--
SDev	130.5190	--	--	--	--	--	--
%RSD	.8107277	--	--	--	--	--	--
#1	16252	--	--	--	--	--	--
#2	16042	--	--	--	--	--	--
#3	16039	--	--	--	--	--	--

Method: LRI Sample Name: 09272030 Operator:
Run Time: 03/21/96 12:10:18
Comment:
Code: CCNC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4242	4347.	10.000	149.7	212.4	-.3946	64230.
SDev	.0567	19.	2.8453	1.0	.5	.0512	146.
%RSD	13.37	.4475	28.45	.6388	.2248	12.99	.2267
#1	.3693	4353.	13.21	149.7	212.9	-.3408	64200.
#2	.4209	4325.	7.803	148.7	212.0	-.4428	64100.
#3	.4825	4353.	8.980	150.6	212.3	-.4001	64390.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4295	3.142	5.430	23.71	34440.	4027.	9985.
SDev	.1730	.403	.316	.26	71.	13.	25.
%RSD	40.28	12.83	5.816	1.095	.2074	.3260	.2454
#1	.5964	3.542	5.406	23.68	34440.	4042.	9995.
#2	.2508	3.147	5.126	23.47	34370.	4017.	9957.
#3	.4383	2.736	5.757	23.98	34510.	4022.	10000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	792.8	2.913	30360.	8.326	84.85	86.39	85.88
SDev	1.4	.420	115.	.338	2.23	.56	.75
%RSD	.1816	14.41	.3797	4.064	2.626	.6441	.8676
#1	792.9	2.428	30460.	8.580	87.42	86.24	86.63
#2	791.2	3.152	30230.	8.455	83.57	85.92	85.14
#3	794.1	3.158	30400.	7.942	83.55	87.00	85.85
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5798	9.028	-2.094	2.064	13.18	84.13	1.490
SDev	.9151	1.752	2.339	2.532	2.12	.24	1.614
%RSD	134.5	19.40	111.7	122.7	16.12	.2829	108.3
#1	.2716	9.911	-1.439	1.125	14.70	84.33	-.3658
#2	1.728	7.011	-4.690	4.931	10.75	83.87	2.557
#3	.0398	10.16	-.1514	.1345	14.08	84.20	2.268
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-50.00	-10.00
Elem	Y_3714	In2062	
Units	PPB	PPB	
Avge	11.48	124.8	
SDev	.34	1.0	
%RSD	4.884	.8141	
#1	11.84	123.9	
#2	10.84	123.9	
#3	11.68	125.7	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16305	--	--	--	--	--	--
SDev	69.21223	--	--	--	--	--	--
%RSD	.4244934	--	--	--	--	--	--
#1	16381	--	--	--	--	--	--
#2	16287	--	--	--	--	--	--
#3	16246	--	--	--	--	--	--

Method: LRI Sample Name: 03272038 Operator:
Run Time: 03/27/96 12:18:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.50	5684.	51.07	2145.	2220.	51.44	81510.
SDev	.20	15.	2.05	4.	5.	.03	209.
%RSD	.3931	.2594	4.008	.1935	.2199	.1645	.2560
#1	50.73	5696.	53.94	2141.	2226.	51.37	81750.
#2	50.37	5687.	53.18	2149.	2217.	51.53	81360.
#3	50.40	5669.	49.10	2146.	2219.	51.42	81410.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	3000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.63	498.0	216.7	281.0	33470.	26600.	29540.
SDev	.30	1.3	.6	.5	74.	23.	44.
%RSD	.5925	.2249	.2886	.1799	.2222	.0873	.1485
#1	50.98	499.7	217.4	281.2	33560.	26610.	29580.
#2	50.45	497.6	216.2	280.4	33420.	26570.	29490.
#3	50.48	496.6	216.5	281.4	33440.	26620.	29540.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1253.	1996.	48670.	514.5	99.70	97.66	98.34
SDev	4.	1.	126.	.5	3.71	.93	1.43
%RSD	.3067	.0510	.2583	.0986	3.722	.9559	1.459
#1	1257.	1995.	48760.	515.0	104.0	97.83	99.88
#2	1250.	1997.	48530.	514.6	97.34	98.50	98.11
#3	1251.	1996.	48740.	514.0	97.79	96.66	97.03
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	12.82	524.2	10.85	13.80	1979.	2026.	46.29
SDev	1.25	3.1	2.65	1.49	3.	6.	1.29
%RSD	9.739	.5825	24.44	10.80	.1720	.2860	2.797
#1	14.25	524.7	12.93	14.91	1981.	2033.	44.79
#2	12.21	527.0	7.853	14.37	1975.	2022.	47.02
#3	11.99	521.0	11.76	12.10	1981.	2025.	47.05
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	495.3	643.5
SDev	1.0	1.6
%RSD	.2053	.2419
#1	498.0	644.9
#2	496.7	641.8
#3	495.3	644.0
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15951	--	--	--	--	--	--
SDev	121.9235	--	--	--	--	--	--
%RSD	.7643735	--	--	--	--	--	--
#1	15810	--	--	--	--	--	--
#2	16026	--	--	--	--	--	--
#3	16016	--	--	--	--	--	--

Method: IRI Sample Name: 08272031L Operator:
Run Time: 08/21/96 12:30:35
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2707	129.1	.3650	10.68	1.124	-.2371	145.0
SDev	.1082	.9	1.853	2.13	.011	.1112	1.1
%RSD	39.96	.6598	507.8	20.15	.9566	46.88	.7380
#1	.1527	130.0	2.439	12.94	1.111	-.1100	143.8
#2	.2942	128.4	-1.128	10.44	1.130	-.2852	145.5
#3	.3652	128.7	-.2157	8.655	1.130	-.3161	145.7
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	-.0051	.5298	.7024	1.039	39.46	67.53	30.99
SDev	.1100	.0030	.2361	.044	3.39	18.42	.97
%RSD	2172.	.5664	33.47	4.192	10.11	27.27	3.137
#1	.0561	.5333	.6492	1.014	44.04	46.37	31.94
#2	-.1320	.5280	.9596	1.013	36.74	79.90	31.21
#3	.0607	.5282	.4985	1.089	37.60	76.34	29.93
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.4125	2.101	185.0	.1848	3.405	1.340	2.023
SDev	.0613	.810	26.6	.5445	.565	.921	.779
%RSD	14.85	38.54	14.41	294.6	16.58	68.70	38.38
#1	.4833	2.859	154.3	.0572	4.017	2.377	2.924
#2	.3774	2.195	202.9	.7818	3.294	.6177	1.510
#3	.3769	1.248	197.7	-.2845	2.904	1.026	1.652
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.584	2.743	.7038	2.023	1.914	.6884	.3099
SDev	1.125	1.381	2.734	.450	1.427	.1195	2.187
%RSD	71.02	50.35	388.5	21.27	74.53	17.36	643.4
#1	.3041	2.204	-2.453	1.680	3.332	.6672	.9096
#2	2.416	4.312	2.235	2.506	1.932	.5810	-2.076
#3	2.032	1.712	2.330	1.883	.4789	.8171	2.186
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1874	5.642
SDev	.1507	.276
%RSD	80.44	4.899
#1	.2565	5.886
#2	.0136	5.700
#3	.2820	5.342

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16460	--	--	--	--	--	--
SDev	183.4265	--	--	--	--	--	--
%RSD	1.126528	--	--	--	--	--	--
#1	16674	--	--	--	--	--	--
#2	16347	--	--	--	--	--	--
#3	16359	--	--	--	--	--	--

Method: LRI Sample Name: 0827204 Operator:
Run Time: 08/21/96 12:28:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5017	324.4	-1.223	28.79	39.75	-.0373	12180.
SDev	.2344	1.7	1.266	.16	.08	.0508	39.
%RSD	44.84	.5029	103.1	.5525	.1967	136.0	.3175
#1	.7934	326.1	-2.325	28.95	39.76	.0318	12230.
#2	.3855	324.2	-1.513	28.79	39.66	-.0614	12160.
#3	.3893	322.8	.1563	28.63	39.81	-.0823	12160.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1778	1.010	.8460	2.857	6492.	808.4	1884.
SDev	.2891	.205	.0855	.096	22.	2.6	3.
%RSD	162.6	20.28	10.10	3.369	.3396	.3174	.1344
#1	-.0766	.8310	.9447	2.889	6516.	811.0	1887.
#2	.4921	1.233	.7968	2.934	6485.	805.9	1882.
#3	.1177	.9686	.7954	2.749	6474.	808.1	1884.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-30.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	149.3	2.144	5616.	1.025	16.66	17.27	17.07
SDev	.4	.460	14.	.436	1.14	.77	.74
%RSD	.2981	21.46	.2471	42.49	6.840	4.471	4.329
#1	149.8	2.142	5623.	.5639	17.76	17.99	17.91
#2	148.9	2.606	5624.	1.430	15.49	17.37	15.74
#3	149.2	1.695	5600.	1.083	16.74	16.45	16.55
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6871	3.669	1.400	.3305	.3060	13.99	3.154
SDev	.2262	1.069	3.249	1.577	.3527	.02	2.288
%RSD	32.93	29.68	232.1	477.2	115.3	.1557	72.55
#1	.4285	4.727	1.043	.1211	.6587	13.97	2.931
#2	.8485	2.552	4.813	-1.132	.3060	14.01	.9857
#3	.7844	3.727	-1.656	2.002	-.0467	14.00	5.546
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	1.920	26.43
SDev	.401	.23
%RSD	20.86	.8655
#1	1.567	26.33
#2	1.837	26.76
#3	2.355	26.39

Errors	LC Pass	LL Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16867	--	--	--	--	--	--
SDev	24.58319	--	--	--	--	--	--
%RSD	.1457444	--	--	--	--	--	--
#1	16893	--	--	--	--	--	--
#2	16844	--	--	--	--	--	--
#3	16865	--	--	--	--	--	--

Method: LRI Sample Name: PB8-2034 Operator:
Run Time: 08/21/96 12:33:43
Comment:
Mode: CONC Corr. Factor: 1

CF only

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2642	113.8	-2.017	5.962	.5498	-.2528	H306.7
SDev	.2167	.6	2.510	.156	.0416	.1287	3.6
%RSD	44.17	.5005	103.3	2.617	4.893	50.94	.8394
#1	.1503	113.9	-1.529	6.119	.5074	-.3972	H309.1
#2	.2419	114.3	-.2986	5.962	.5517	-.1500	H309.5
#3	.5005	113.2	-5.127	5.806	.5905	-.2111	H304.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	5.000	200.0	5.000	500.0	5.000	5.000	200.0
Low	-5.000	-200.0	-6.000	-500.0	-5.000	-5.000	-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4314	-.1125	.7024	-.6193	H130.0	55.74	27.11
SDev	.1926	.2111	.1766	.1075	1.5	2.48	1.38
%RSD	44.64	187.6	25.14	17.39	1.174	4.453	5.106
#1	.4037	-.2997	.8055	-.6304	H128.4	54.24	28.68
#2	.6229	.1163	.4983	-.5052	H131.5	58.61	26.07
#3	.2377	-.1843	.8031	-.7193	H130.1	54.38	26.59
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	3.000	10.00	10.00	25.00	100.0	1000.	200.0
Low	-3.000	-10.00	-10.00	-25.00	-100.0	-1000.	-200.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1.716	.6138	227.4	1.128	10.52	4.222	H6.320
SDev	.008	.3591	55.5	.181	1.06	.469	.041
%RSD	.4864	58.51	24.41	16.03	10.08	11.12	.6481
#1	1.725	.3018	286.2	1.313	11.74	3.684	H6.368
#2	1.716	.5383	220.0	.9512	9.802	4.551	H6.300
#3	1.708	1.007	176.0	1.121	10.02	4.431	H6.294
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High
High	5.000	25.00	1000.	20.00			3.000
Low	-5.000	-25.00	-1000.	-20.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.404	1.932	-6.787	6.991	12.43	.9571	-3.837
SDev	2.198	1.643	1.827	2.391	2.79	.1428	1.119
%RSD	91.43	85.04	26.91	34.21	22.48	14.77	29.17
#1	2.475	.3200	-8.972	7.190	9.211	1.054	-3.664
#2	4.565	3.605	-4.875	9.277	14.25	1.045	-2.815
#3	.1713	1.872	-8.514	4.507	13.83	.8023	-5.033
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	10.00			50.00	50.00	10.00

Low	-5.000	-10.00			-50.00	-50.00	-10.00

Elem	Y_2924	Zn2062
Units	PPB	PPB
Avge	.0073	6.701
SDev	.2694	.037
%RSD	3666.	.5487
#1	.2780	6.739
#2	-.2600	6.702
#3	.0048	6.666

Errors	LC Pass	LC Pass
High	5.000	20.00
Low	-5.000	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16431	--	--	--	--	--	--
SDev	65.00253	--	--	--	--	--	--
%RSD	.4016870	--	--	--	--	--	--
#1	16365	--	--	--	--	--	--
#2	16432	--	--	--	--	--	--
#3	16497	--	--	--	--	--	--

Method: LRI Sample Name: LCSW-1992 Operator:
Run Time: 08/21/96 12:35:07
Comment:
Mode: CONC Corr. Factor: 1

CF July

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	57.33	2163.	35.25	2034.	1932.	46.58	20990.
SDev	.40	5.	2.99	5.	5.	.10	26.
%RSD	.7060	.2439	8.454	.2411	.2838	.2112	.1227
#1	57.14	2169.	37.94	2033.	1937.	46.67	21020.
#2	57.82	2159.	32.06	2030.	1926.	46.50	20980.
#3	57.09	2167.	35.77	2039.	1931.	46.51	20970.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	2400.	48.00	2400.	2400.	60.00	24000.
Low	40.00	1600.	32.00	1600.	1600.	40.00	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	42.24	453.3	191.1	239.2	1053.	23150.	20310.
SDev	.09	1.3	.3	.5	4.	53.	45.
%RSD	.2095	.2906	.1738	.1940	.3688	.2310	.2195
#1	42.26	454.8	191.4	239.7	1050.	23200.	20360.
#2	42.31	452.2	190.8	238.8	1057.	23100.	20270.
#3	42.14	452.8	191.0	239.3	1052.	23150.	20290.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	600.0	240.0	300.0	1200.	24000.	24000.
Low	40.00	400.0	160.0	200.0	800.0	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb1203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	473.2	2019.	18880.	475.7	27.22	25.33	H25.96
SDev	.8	3.	105.	1.4	1.44	1.87	1.27
%RSD	.1640	.1259	.5560	.2988	5.295	7.402	4.903
#1	474.1	2022.	19000.	477.4	28.86	24.64	H26.05
#2	472.6	2017.	18800.	474.7	26.66	27.45	H27.19
#3	472.8	2017.	18840.	475.2	26.14	23.90	H24.65
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High
High	600.0	2400.	24000.	600.0			24.00
Low	400.0	1600.	16000.	400.0			16.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	9.805	482.5	11.14	9.138	1997.	2019.	L37.31
SDev	1.244	2.4	1.17	1.369	3.	4.	1.08
%RSD	12.69	.4932	10.53	14.98	.1611	.1747	2.898
#1	9.356	485.1	11.35	8.362	2000.	2023.	L37.18
#2	8.848	480.5	9.878	8.334	1994.	2016.	L38.45
#3	11.21	481.9	12.20	10.72	1998.	2018.	L36.30
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	12.00	600.0			2400.	2400.	60.00

Low	8.000	400.0			1600.	1600.	40.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	455.0	493.3
SDev	1.0	1.1
%RSD	.2183	.2215
#1	456.1	494.2
#2	454.6	492.1
#3	454.3	493.7
Errors	LC Pass	LC Pass
High	500.0	600.0
Low	400.0	400.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16668	--	--	--	--	--	--
SDev	14.74223	--	--	--	--	--	--
%RSD	.0884445	--	--	--	--	--	--
#1	16685	--	--	--	--	--	--
#2	16663	--	--	--	--	--	--
#3	16657	--	--	--	--	--	--

Method: LRI Sample Name: LCSS-1992 Operator:
Run Time: 08/21/96 12:44:04
Comment:
Code: CONC Corr. Factor: 1

CS only.

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	56.23	2180.	35.26	1995.	1966.	45.20	20990.
SDev	.26	9.	1.75	5.	7.	.08	51.
%RSD	.4637	.4341	4.974	.2618	.3321	.1771	.2424
#1	55.91	2190.	33.94	2002.	1973.	45.16	20950.
#2	56.33	2171.	37.23	1993.	1962.	45.29	21050.
#3	56.41	2180.	34.60	1992.	1961.	45.15	20980.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	2400.	48.00	2400.	2400.	60.00	24000.
Low	40.00	1600.	32.00	1600.	1600.	40.00	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	42.93	453.9	193.0	244.3	1056.	23920.	20280.
SDev	.46	.8	.4	.9	.	107.	32.
%RSD	1.079	.1815	.1991	.3643	.0466	.4493	.1588
#1	42.42	453.7	192.8	245.3	1056.	H24040.	20310.
#2	43.33	454.9	193.4	244.0	1057.	23880.	20270.
#3	43.05	453.1	192.7	243.6	1056.	23860.	20250.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	600.0	240.0	300.0	1200.	24000.	24000.
Low	40.00	400.0	160.0	200.0	800.0	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2200-1	2200-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	475.1	2057.	19070.	476.3	34.37	24.68	H28.03
SDev	.6	5.	33.	.4	.79	.93	.37
%RSD	.1180	.2311	.1754	.0821	2.280	3.783	3.097
#1	474.8	2061.	19040.	475.9	35.51	25.70	H28.96
#2	475.8	2059.	19060.	476.3	35.12	24.50	H28.04
#3	474.8	2052.	19110.	476.5	33.98	23.85	H27.23
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High
High	600.0	2400.	24000.	600.0			24.00
Low	400.0	1600.	16000.	400.0			16.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	9.214	476.0	3.272	12.18	2012.	2063.	L34.91
SDev	3.207	3.6	5.076	2.54	7.	4.	1.48
%RSD	34.81	.7606	155.1	20.82	.3437	.2037	4.243
1	8.913	473.7	.9661	12.88	2017.	2068.	L33.26
#2	H12.56	474.2	9.091	14.29	2016.	2063.	L35.36
#3	L6.168	480.2	-.2416	9.368	2004.	2059.	L36.12
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	12.00	600.0			2400.	2400.	60.00

Low	0.000	400.0		1500.	1500.	40.00

Elem	V_1924	Zn2062
Units	PPB	PPB
Avge	459.5	484.6
SDev	.6	3.3
%RSD	.1362	.6900
#1	459.3	481.4
#2	460.2	488.0
#3	459.0	484.5
Errors	LC Pass	LC Pass
High	600.0	600.0
Low	400.0	400.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16205	--	--	--	--	--	--
SDev	29.56913	--	--	--	--	--	--
%RSD	.1824634	--	--	--	--	--	--
#1	16177	--	--	--	--	--	--
#2	16203	--	--	--	--	--	--
#3	16236	--	--	--	--	--	--

Method: LRI Sample Name: PBS-2061 Operator:
Run Time: 03/21/96 12:49:11
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	-.0004	122.3	-.1217	6.933	.4053	-.4539	95.34
SDev	.2197	1.9	4.7748	1.413	.0104	.0549	.23
%RSD	58890.	1.539	3924.	20.38	2.579	12.08	.2397
#1	-.2420	124.5	-1.308	8.245	.3984	-.3928	95.58
#2	.1873	121.1	5.134	7.117	.4174	-.4989	95.13
#3	.0535	121.3	-4.191	5.437	.4002	-.4700	95.31
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	200.0	6.000	500.0	5.000	5.000	200.0
Low	-5.000	-200.0	-6.000	-500.0	-5.000	-5.000	-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5157	-.0286	1.890	-1.003	27.45	57.71	14.74
SDev	.1069	.0072	.143	.235	7.21	13.59	.60
%RSD	20.71	25.57	7.593	23.44	26.28	23.54	4.082
#1	.6390	-.0202	2.030	-1.082	19.94	42.08	15.44
#2	.4549	-.0334	1.743	-.7391	28.10	64.31	14.40
#3	.4531	-.0322	1.896	-1.189	34.32	66.73	14.38
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	3.000	10.00	10.00	25.00	100.0	1000.	200.0
Low	-3.000	-10.00	-10.00	-25.00	-100.0	-1000.	-200.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1.331	.7790	95.76	5.678	7.270	.2917	2.616
SDev	.067	.4773	42.30	.142	1.429	1.623	.736
%RSD	5.033	61.27	44.18	2.505	19.66	558.0	28.15
#1	1.385	.3025	93.61	5.555	8.689	-1.586	1.836
#2	1.382	1.257	54.56	5.834	7.288	1.307	H3.299
#3	1.255	.7774	139.1	5.644	5.832	1.154	2.712
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	5.000	25.00	1000.	20.00			3.000
Low	-5.000	-25.00	-1000.	-20.00			-3.000

Elem	Se1960	Sr2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.644	.3612	-6.937	5.928	9.891	1.386	-2.282
SDev	1.930	1.309	2.782	1.560	2.033	.117	.186
%RSD	111.3	362.5	40.11	26.31	20.55	8.439	8.152
#1	.8212	1.697	-9.238	5.843	9.919	1.521	-2.118
#2	.3703	.3075	-7.727	4.412	11.91	1.321	-2.484
#3	3.741	-.9206	-5.845	7.528	7.844	1.317	-2.245
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	10.00			50.00	50.00	10.00

Low	-5.000	-10.00			-50.00	-50.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.1623	9.647
SDev	.1586	.623
%RSD	97.41	6.480
#1	-.2559	10.23
#2	.0203	9.720
#3	-.2527	8.988
Errors	LO Pass	LO Pass
High	5.000	20.00
Low	-5.000	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16246	--	--	--	--	--	--
SDev	141.4720	--	--	--	--	--	--
%RSD	.8707936	--	--	--	--	--	--
#1	16409	--	--	--	--	--	--
#2	16152	--	--	--	--	--	--
#3	16178	--	--	--	--	--	--

Method: LRI Sample Name: PBW-2035 Operator:
Run Time: 08/21/96 12:54:13
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2488	131.0	-1.273	4.765	.3364	-.1917	119.4
SDev	.1987	4.0	.985	.753	.0658	.1034	.5
%RSD	79.86	3.077	77.36	15.81	19.54	53.95	.4243
#1	.0313	135.5	-2.328	4.833	.3613	-.0806	118.8
#2	.4219	127.7	-.3790	5.482	.3642	-.2851	119.7
#3	.2927	129.9	-1.111	3.980	.3838	-.2094	119.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	200.0	5.000	500.0	5.000	5.000	200.0
Low	-5.000	-200.0	-5.000	-500.0	-5.000	-5.000	-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3101	.3091	.0473	-1.718	27.85	34.17	20.71
SDev	.2694	.2065	.2605	.190	3.89	1.99	1.02
%RSD	93.31	66.81	550.2	11.04	21.13	5.824	4.945
#1	.0582	.2665	-.1017	-1.797	23.22	32.01	21.89
#2	.6262	.1279	-.1043	-1.502	25.86	35.94	20.13
#3	.2459	.5339	.3461	-1.856	34.48	34.55	20.10
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	10.00	10.00	25.00	100.0	1000.	200.0
Low	-5.000	-10.00	-10.00	-25.00	-100.0	-1000.	-200.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.0815	.9243	143.7	.1723	4.721	1.230	2.393
SDev	.0701	.5349	19.0	.4026	.519	1.490	1.160
%RSD	86.03	57.87	13.22	233.7	10.98	121.2	48.46
#1	.0005	1.232	160.2	-.2926	5.214	2.877	H3.656
#2	.1226	1.235	147.8	.4057	4.181	-.0261	1.375
#3	.1215	.3056	122.9	.4038	4.769	.8391	2.148
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	5.000	25.00	1000.	20.00			3.000
Low	-5.000	-25.00	-1000.	-20.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.307	1.753	.8563	3.030	.7106	.3542	-.9050
SDev	1.051	1.371	1.667	.777	.4104	.1319	2.0141
%RSD	45.55	78.23	194.7	25.65	57.76	37.25	222.5
	3.103	3.222	2.383	3.462	.4736	.4286	.5727
#2	2.701	1.531	1.109	3.495	1.185	.2019	-3.199
#3	1.116	.5063	-.9228	2.133	.4737	.4321	-.0886
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	10.00			50.00	50.00	10.00

Low	-5.000	-10.00			-50.00	-50.00	-10.00
Elem	V_2924	Zn2062					
Units	PPB	PPB					
Avge	.4413	2.079					
SDev	.1536	.390					
%RSD	34.79	18.35					
#1	.2640	2.414					
#2	.5311	1.399					
#3	.5288	2.425					
Errors	LC Pass	LC Pass					
High	5.000	20.00					
Low	-5.000	-20.00					

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16703	--	--	--	--	--	--
SDev	36.11555	--	--	--	--	--	--
%RSD	.2161918	--	--	--	--	--	--
#1	16743	--	--	--	--	--	--
#2	16671	--	--	--	--	--	--
#3	16702	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-3 Operator:
Run Time: 08/21/96 12:59:1?
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	498.1	49340.	498.1	495.8	495.0	482.0	49870.
SDev	1.4	124.	2.8	2.4	1.1	1.5	161.
%RSD	.2730	.2517	.5704	.4802	.2230	.3153	.3232
#1	496.9	49250.	498.6	493.0	494.0	481.2	49740.
#2	496.6	49480.	500.6	497.4	496.2	483.6	50050.
#3	497.8	49290.	495.0	496.9	494.9	481.1	49810.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	484.4	488.4	487.4	496.3	49500.	52680.	48940.
SDev	1.4	1.2	2.1	.4	139.	43.	127.
%RSD	.2880	.2454	.4245	.0794	.3212	.0816	.2598
#1	483.1	487.4	485.5	496.3	49380.	52690.	48860.
#2	485.8	489.7	489.6	496.7	49680.	52720.	49090.
#3	484.2	488.1	487.2	496.0	49450.	52640.	48870.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	489.4	493.3	46840.	496.5	474.5	497.7	490.0
SDev	1.4	2.7	129.	2.1	1.8	5.3	4.1
%RSD	.2829	.5385	.2749	.4259	.3798	1.061	.8410
#1	488.3	490.5	46700.	495.0	472.6	492.3	485.7
#2	491.0	495.8	46940.	498.9	476.2	502.9	494.0
#3	489.0	493.4	46880.	495.5	474.7	497.8	490.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	488.0	510.3	474.3	494.9	483.2	490.6	505.3
SDev	6.4	5.5	3.0	10.1	3.7	1.2	4.6
%RSD	1.307	1.084	.6224	2.051	.7692	.2543	.9050
#1	480.7	506.3	475.6	483.2	481.1	489.6	501.5
#2	491.4	516.6	470.9	501.6	487.5	492.0	510.6
#3	492.1	508.1	476.4	499.9	481.0	490.1	506.7
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0
Elem	V_2924	Zn2062					
Units	PPB	PPB					
Avge	496.1	473.0					
SDev	1.6	1.9					
%RSD	.3314	.4107					
#1	494.5	471.1					
#2	497.8	474.9					
#3	495.9	473.1					
Errors	LC Pass	LC Pass					
High	550.0	550.0					
Low	450.0	450.0					
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16704	--	--	--	--	--	--
SDev	86.01744	--	--	--	--	--	--
%RSD	.5149512	--	--	--	--	--	--
#1	16789	--	--	--	--	--	--
#2	16617	--	--	--	--	--	--
#3	16706	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-3 Operator:
Run Time: 08/21/96 13:04:34
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4033	110.2	-1.295	1.382	.0348	-.0390	.0580
SDev	.0989	3.4	2.854	.471	.0190	.1259	2.193
%RSD	24.52	3.124	220.5	29.75	22.40	142.6	3226.
#1	.4922	107.6	1.996	2.122	.0638	-.2239	-2.388
#2	.4216	108.9	-3.100	1.255	.1009	-.0713	.7625
#3	.2960	114.1	-2.780	1.370	.0897	.0281	1.829
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0610	.5342	.0975	-2.213	5.398	4.034	5.534
SDev	.1895	.1354	.3473	.264	8.827	4.801	1.876
%RSD	310.9	25.35	356.4	11.94	163.5	119.0	33.90
#1	.0621	.6694	-.1037	-2.433	-.9485	-1.329	3.483
#2	-.1091	.3983	.4985	-1.920	15.48	7.932	5.955
#3	.2499	.5348	-.1024	-2.286	1.655	5.499	7.163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.0826	1.001	-.0275	-.4665	2.381	.4508	1.094
SDev	.0692	.834	22.544	.8695	1.705	1.150	.268
%RSD	83.75	83.34	81970.	186.4	71.61	255.2	24.51
#1	.0027	.3064	4.928	-.4655	3.164	-.3860	.7968
#2	.1232	.7704	-24.64	-1.336	.4250	1.763	1.318
#3	.1219	1.926	19.63	.4024	3.553	-.0244	1.168
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sm1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5507	1.529	.0040	.8229	-1.075	.1226	2.422
SDev	.5347	.171	4.054	2.268	.740	.1330	2.184
%RSD	97.09	11.16	100900.	275.6	68.80	108.4	90.18
1	.3704	1.701	-4.269	2.686	-1.669	.2007	4.792
#2	1.132	1.526	.4844	1.485	-.2467	-.0309	1.983
#3	.1295	1.359	3.797	-1.702	-1.309	.1982	.4905
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00	-10.00

Elem	V_3924	Zn2062
Units	PPB	PPB
Avge	.0003	-.2148
SDev	.2637	.7160
%RSD	7860.	333.3
#1	-.2656	-1.013
#2	.2677	.0181
#3	.0027	.3556

Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16694	--	--	--	--	--	--
SDev	27.49545	--	--	--	--	--	--
%RSD	.1647026	--	--	--	--	--	--
#1	16688	--	--	--	--	--	--
#2	16670	--	--	--	--	--	--
#3	16724	--	--	--	--	--	--

Method: LRI Sample Name: PBW-2043 Operator:
Run Time: 08/21/96 13:05:41
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2512	122.6	-1.336	3.856	.3087	.0072	141.6
SDev	.1945	2.3	.767	1.495	.0414	.0515	.7
%RSD	77.40	1.873	57.42	38.53	13.42	720.9	.4899
#1	.0403	123.5	-1.175	2.230	.2694	.0664	140.8
#2	.4291	124.3	-.8621	4.225	.3104	-.0271	141.9
#3	.2818	120.0	-2.170	5.122	.3492	-.0179	142.8
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0612	.4003	.4487	-1.278	3.414	78.78	10.24
SDev	.0003	.1327	.0863	.199	8.703	9.78	1.28
%RSD	.4637	33.16	19.24	15.60	254.9	12.42	12.48
#1	.0615	.2678	.3490	-1.498	-6.013	67.62	8.965
#2	.0610	.3997	.4985	-1.109	5.112	82.85	10.24
#3	.0610	.5333	.4985	-1.230	11.14	85.87	11.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo1020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.4427	1.309	72.42	-.2926	1.659	-1.010	-.1208
SDev	.0725	.353	54.78	.3476	2.158	.674	.3508
%RSD	16.38	26.97	75.65	118.8	130.1	66.72	290.4
#1	.3590	1.229	130.3	-.2939	2.342	-.9163	.1692
#2	.4828	1.696	65.52	.0556	3.394	-1.726	-.0208
#3	.4863	1.003	21.41	-.6396	-.7578	-.3882	-.5107
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6261	1.583	.1200	.8730	4.979	.0052	2.782
SDev	2.393	.599	3.797	2.655	.430	.0674	1.623
%RSD	382.2	37.83	3165.	302.4	8.642	1304.	58.32
#1	-.4237	1.016	-3.961	1.342	4.719	-.0382	3.306
#2	-1.062	1.824	.7715	-1.379	4.743	.0829	4.078
#3	3.364	2.309	3.550	3.271	5.475	-.0292	.9625
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	50.00					10.00

Low	-5.000	-50.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.0031	5.442
SDev	.5501	.257
%RSD	661.5	5.080
#1	-.5230	5.170
#2	-.2602	5.559
#3	.5337	5.598

Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16718	--	--	--	--	--	--
SDev	81.64761	--	--	--	--	--	--
%RSD	.4883912	--	--	--	--	--	--
#1	16802	--	--	--	--	--	--
#2	16712	--	--	--	--	--	--
#3	16639	--	--	--	--	--	--

Method: LRI Sample Name: LCSW-2043 Operator:
Run Time: 08/21/96 13:14:48
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.42	2218.	40.63	2046.	2003.	51.80	20460.
SDev	.18	4.	1.17	10.	6.	.17	62.
%RSD	.3475	.1824	2.880	.4730	.3135	.3249	.3028
#1	50.39	2233.	40.10	2039.	2009.	51.62	20490.
#2	50.61	2226.	39.82	2037.	2004.	51.94	20500.
#3	50.27	2225.	41.97	2041.	1996.	51.84	20390.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	2400.	48.00	2400.	2400.	60.00	24000.
Low	40.00	1600.	32.00	1600.	1600.	40.00	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.58	491.6	210.9	252.1	1049.	22950.	19660.
SDev	.12	1.9	1.0	.7	3.	44.	57.
%RSD	.2307	.3926	.4740	.2874	.3149	.1938	.2906
#1	50.47	493.1	211.0	252.6	1049.	23000.	19690.
#2	50.70	492.3	211.8	252.3	1052.	22930.	19680.
#3	50.55	489.4	209.8	251.2	1046.	22920.	19590.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	600.0	240.0	300.0	1200.	24000.	24000.
Low	40.00	400.0	160.0	200.0	800.0	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	493.7	2020.	18400.	507.7	20.38	16.59	17.65
SDev	1.7	9.	60.	3.5	3.58	1.28	.74
%RSD	.3475	.4588	.3270	.6832	17.57	7.719	4.148
#1	494.6	2014.	18450.	507.8	24.44	15.28	18.33
#2	494.8	2031.	18420.	511.0	19.00	17.84	18.23
#3	491.7	2015.	18330.	504.1	17.69	16.65	17.00
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	600.0	2400.	24000.	600.0			24.00
Low	400.0	1600.	16000.	400.0			16.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	11.58	523.7	13.38	10.69	1963.	2038.	47.25
SDev	.70	1.7	3.61	2.46	3.	7.	2.89
%RSD	6.046	.3173	26.97	23.04	.1675	.3232	6.109
#1	11.24	522.2	17.54	8.099	1966.	2043.	45.74
#2	11.12	525.5	11.43	10.96	1964.	2040.	50.50
#3	H12.39	523.6	11.16	13.00	1960.	2030.	43.43
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	12.00	600.0			2400.	2400.	60.00

Low	8.000	400.0		1600.	1600.	40.00

Elem	V_3924	Zn2061
Units	PPB	PPB
Avge	481.0	512.5
SDev	2.6	.9
%RSD	.4097	.1734
#1	482.8	511.5
#2	481.4	513.3
#3	478.9	512.8
Errors	LC Pass	LC Pass
High	600.0	600.0
Low	400.0	400.0

IntStd	1	2	3	4	5	6	7
Mode	#Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16685	--	--	--	--	--	--
SDev	82.83115	--	--	--	--	--	--
%RSD	.4964408	--	--	--	--	--	--
#1	16594	--	--	--	--	--	--
#2	16703	--	--	--	--	--	--
#3	16758	--	--	--	--	--	--

Method: LRI Sample Name: 0738401 Operator:
Run Time: 03/21/96 13:19:58
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4366	234.7	-.6059	28.74	39.98	-.2364	7366.
SDev	.0792	2.1	.4021	1.69	.15	.0184	7.
%RSD	18.18	.8986	79.47	5.876	.3812	7.773	.0896
#1	.4808	234.3	-.7368	30.44	39.84	-.2500	7359.
#2	.3441	232.8	-.0454	28.71	40.14	-.2135	7365.
#3	.4819	237.0	-.6856	27.06	39.98	-.2437	7373.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2105	.7090	1.254	1.309	309.6	2372.	3701.
SDev	.0004	.1565	.151	.151	4.1	5.	3.
%RSD	.1987	22.07	12.04	11.52	1.332	.2313	.0751
#1	.2108	.7994	1.405	1.224	307.2	2367.	3698.
#2	.2100	.7993	1.103	1.483	314.3	2370.	3702.
#3	.2107	.6283	1.254	1.219	307.1	2378.	3704.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	47.66	2.168	17840.	2.039	2.703	.6895	1.361
SDev	.02	.233	62.	.533	1.265	1.131	.458
%RSD	.0425	10.76	.3490	26.12	46.81	164.0	33.68
#1	47.65	1.935	17860.	2.156	3.372	-.4378	.8315
#2	47.68	2.401	17770.	1.458	3.494	.6819	1.619
#3	47.64	2.167	17890.	2.504	1.244	1.824	1.632
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.7702	.0360	.4191	.9447	.6340	3.435	2.310
SDev	.9860	1.378	.6176	1.784	.2043	.180	1.492
%RSD	129.0	3833.	147.4	188.8	32.23	5.243	64.58
#1	1.415	1.514	.1065	2.068	.8152	3.474	.7213
#2	-.3648	-.1910	1.131	-1.112	.6169	3.593	3.681
#3	1.260	-1.215	.0203	1.378	.6699	3.239	2.528
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	30000.					20000.

Low	-5.000	-30.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.4596	14.10
SDev	.1527	.34
%RSD	33.23	2.434
#1	.2832	13.76
#2	.3481	14.11
#3	.3475	14.44
Errors	LO Pass	LO Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16622	--	--	--	--	--	--
SDev	7.023769	--	--	--	--	--	--
%RSD	.0422550	--	--	--	--	--	--
#1	16623	--	--	--	--	--	--
#2	16615	--	--	--	--	--	--
#3	16628	--	--	--	--	--	--

Method: LRI Sample Name: 07054-01D Operator:
Run Time: 08/21/96 13:26:00
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1497	229.3	1.282	23.69	42.66	-.2273	8286.
SDev	.1331	3.3	.692	1.09	.19	.0134	33.
%RSD	88.95	1.450	54.02	4.580	.4521	8.547	.3990
#1	.2819	233.9	1.956	24.67	42.80	-.2277	8317.
#2	.1514	228.5	1.316	23.89	42.74	-.2465	8290.
#3	.0157	225.6	.5727	22.53	42.44	-.2077	8251.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1487	.7545	1.655	5.419	293.7	2579.	3959.
SDev	.1087	.0782	.313	.162	5.1	12.	17.
%RSD	73.15	10.36	18.94	2.995	1.744	.4594	.4407
#1	.0231	.7967	1.653	5.237	290.5	2593.	3973.
#2	.2103	.8643	2.006	5.550	299.6	2574.	3955.
#3	.2121	.7667	1.403	5.470	291.0	2570.	3944.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	50.72	1.158	19100.	9.647	4.315	1.597	2.502
SDev	.11	.537	108.	.176	1.666	1.678	.735
%RSD	.2106	46.34	.5632	1.821	38.60	105.1	29.39
#1	50.85	1.468	19190.	9.656	5.994	.7469	2.495
#2	50.66	1.467	18980.	9.467	2.663	3.530	3.242
#3	50.67	.5383	19130.	9.818	4.287	.5140	1.771
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.003	.7724	1.626	2.191	2.051	2.610	-.0380
SDev	.510	3.143	2.420	.564	1.764	.134	1.5277
%RSD	25.47	406.9	148.8	25.73	85.99	5.119	4018.
#1	2.525	-.0221	4.401	1.587	.3600	2.536	-1.654
#2	1.980	-1.897	.5297	2.703	1.217	2.531	1.383
#3	1.503	4.236	-.0617	2.281	4.077	2.764	.1566
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-50.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.5478	25.39
SDev	.2631	.51
%RSD	48.02	2.033
#1	.2848	25.49
#2	.8110	25.15
#3	.5476	25.12
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16658	--	--	--	--	--	--
SDev	12.28821	--	--	--	--	--	--
%RSD	.0737676	--	--	--	--	--	--
#1	16644	--	--	--	--	--	--
#2	16667	--	--	--	--	--	--
#3	16663	--	--	--	--	--	--

Method: LRI Sample Name: 07354018 Operator:
Run Time: 08/21/96 13:30:10
Comment:
Code: 00NC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.21	2356.	38.04	2060.	2051.	51.85	28320.
SDev	.31	2.	4.53	6.	3.	.15	61.
%RSD	.6175	.0815	12.16	.3076	.1462	.2878	.2119
#1	50.25	2356.	42.21	2053.	2049.	51.83	28380.
#2	50.51	2358.	38.06	2063.	2054.	51.98	28320.
#3	49.89	2354.	38.86	2065.	2049.	51.69	28760.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.53	493.9	212.6	256.0	1338.	25470.	23720.
SDev	.37	.7	.2	.1	8.	26.	13.
%RSD	.7279	.1411	.1067	.0296	.5624	.1032	.0541
#1	50.95	493.5	212.7	255.9	1347.	25450.	23730.
#2	50.34	494.7	212.4	256.0	1332.	25500.	23720.
#3	50.29	493.4	212.8	256.0	1336.	25460.	23700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	547.9	2004.	39020.	509.3	19.31	18.02	18.62
SDev	.6	4.	67.	.2	1.47	1.01	.19
%RSD	.1091	.2243	.1714	.0298	7.626	5.581	1.028
#1	548.3	1999.	39080.	509.2	20.88	17.39	18.55
#2	548.1	2004.	39040.	509.3	18.13	19.18	18.83
#3	547.2	2008.	38950.	509.5	20.42	17.49	18.47
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	11.96	524.9	11.25	12.32	1960.	2034.	47.58
SDev	.63	.5	1.94	1.53	2.	2.	2.38
%RSD	5.295	.0992	17.26	12.42	.0869	.0752	5.053
#1	12.69	525.3	10.61	13.73	1960.	2034.	50.75
#2	11.59	524.3	9.706	12.53	1958.	2035.	45.14
#3	11.61	525.0	13.43	10.70	1962.	2032.	46.84
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-50.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	483.3	524.9	
SDev	1.3	1.7	
%RSD	.2605	.3195	
#1	484.6	525.7	
#2	483.0	526.0	
#3	482.2	523.0	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16584	--	--	--	--	--	--
SDev	37.74917	--	--	--	--	--	--
%RSD	.2276240	--	--	--	--	--	--
#1	16549	--	--	--	--	--	--
#2	16624	--	--	--	--	--	--
#3	16579	--	--	--	--	--	--

Method: LRI Sample Name: 0735401L Operator:
Run Time: 08/21/96 13:35:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6932	142.2	-.4974	9.026	9.184	.1162	1633.
SDev	.1126	3.9	1.1546	1.924	.178	.1365	4.
%RSD	16.24	2.730	232.1	21.32	1.941	117.5	.2756
#1	.7574	146.0	.6730	11.13	9.140	.2738	1629.
#2	.7591	138.3	-.5297	8.580	9.380	.0333	1632.
#3	.5632	142.4	-1.636	7.364	9.032	.0416	1638.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0461	.9349	.1557	-1.611	83.37	498.2	741.5
SDev	.1843	.1318	.0847	.088	.46	3.3	4.5
%RSD	400.2	14.10	54.38	5.435	.5494	.6634	.6050
#1	-.1383	.8031	.2045	-1.523	83.13	502.0	736.3
#2	.0461	1.067	.2046	-1.612	83.08	496.9	744.2
#3	.2303	.9348	.0579	-1.698	83.90	495.8	743.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	8.944	2.273	3520.	.2097	-.1827	.1692	.0525
SDev	.177	.472	47.	.4493	2.1574	1.136	1.347
%RSD	1.983	20.77	1.348	214.3	1181.	671.4	2564.
#1	8.793	2.803	3534.	.3802	.0902	1.238	.8566
#2	9.140	2.122	3558.	-.2999	-2.464	-1.024	-1.503
#3	8.900	1.895	3466.	.5488	1.825	.2927	.8036
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3474	1.953	4.407	-1.680	1.641	.9671	2.121
SDev	.9075	1.694	.197	1.388	.528	.3003	.183
%RSD	261.3	86.73	4.463	82.63	32.15	31.05	8.623
#1	-.6803	2.672	4.419	-3.227	1.524	.8547	2.258
#2	1.039	3.169	4.205	-.5422	1.182	1.307	2.190
#3	.6834	.0183	4.597	-1.271	2.217	.7392	1.913
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1643	2.402
SDev	.2970	.192
%RSD	180.7	7.999
#1	-.0069	2.293
#2	.5073	2.289
#3	-.0074	2.624

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	17099	--	--	--	--	--	--
SDev	9.539392	--	--	--	--	--	--
%RSD	.0557892	--	--	--	--	--	--
#1	17089	--	--	--	--	--	--
#2	17100	--	--	--	--	--	--
#3	17108	--	--	--	--	--	--

Method: LRI Sample Name: 0735402 Operator:
Run Time: 08/21/96 13:40:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5250	292.7	-.1360	48.03	39.38	-.2690	13750.
SDev	.4412	1.2	.6563	.62	.05	.0414	31.
%RSD	84.04	.3954	482.5	1.294	.1188	15.37	.2268
#1	.5448	291.8	.5873	48.58	39.43	-.3155	13790.
#2	.0742	292.3	-.3019	48.16	39.35	-.2552	13750.
#3	.9560	294.0	-.6935	47.36	39.36	-.2363	13720.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0676	2.651	9.922	1.190	430.8	1999.	7602.
SDev	.1095	.342	.237	.141	5.7	4.	11.
%RSD	162.1	12.90	2.391	11.88	1.330	.1816	.1402
#1	.0037	2.970	10.18	1.343	437.3	2003.	7603.
#2	.0050	2.290	9.721	1.163	426.5	1998.	7612.
#3	.1940	2.695	9.862	1.064	428.6	1997.	7591.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	255.6	2.323	13010.	14.80	2.796	1.547	1.963
SDev	.3	.134	60.	.20	.893	.993	.397
%RSD	.1316	5.784	.4582	1.364	31.95	64.19	20.23
#1	256.0	2.403	13050.	14.93	2.303	1.709	1.908
#2	255.5	2.168	13040.	14.57	3.827	.4826	1.597
#3	255.4	2.399	12950.	14.90	2.257	2.448	2.385
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.142	1.268	1.638	.8931	2.537	11.65	1.485
SDev	1.820	1.287	2.809	1.381	.827	.01	2.836
%RSD	159.5	101.5	171.5	154.6	32.60	.1108	191.0
#1	-.9509	1.096	-1.469	-.6931	2.061	11.66	4.492
#2	2.015	.0752	2.384	1.829	3.492	11.65	-1.141
#3	2.361	2.633	3.998	1.543	2.058	11.64	1.104
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.3050	36.81
SDev	.2640	.37
%RSD	86.56	1.003
#1	.3056	36.85
#2	.0407	37.16
#3	.5686	36.42

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16619	--	--	--	--	--	--
SDev	17.00980	--	--	--	--	--	--
%RSD	.1023536	--	--	--	--	--	--
#1	16602	--	--	--	--	--	--
#2	16618	--	--	--	--	--	--
#3	16636	--	--	--	--	--	--

Method: LRI Sample Name: 0735403 Operator:
Run Time: 08/21/96 13:45:32
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2646	129.9	-2.169	4.031	1.382	-.1141	508.4
SDev	.0896	3.8	1.701	.232	.052	.0755	3.2
%RSD	33.85	2.894	78.40	5.752	3.763	66.22	.6341
#1	.1755	133.6	-1.272	4.074	1.322	-.0720	505.5
#2	.2637	130.0	-1.105	3.781	1.407	-.2013	511.9
#3	.3546	126.1	-4.130	4.238	1.417	-.0690	507.9
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2485	.4435	.0958	1.601	20.69	122.7	69.45
SDev	.0026	.6246	.1773	.070	3.48	13.9	2.36
%RSD	1.038	140.8	185.0	4.372	16.83	11.37	3.394
#1	.2463	.8041	.1993	1.672	17.18	107.8	67.10
#2	.2513	.8041	-.1088	1.532	20.74	135.4	71.81
#3	.2480	-.2777	.1971	1.600	24.15	124.7	69.43
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.6043	.5353	138.6	1.914	2.818	-.5860	.5480
SDev	.1275	1.165	25.7	.518	.653	1.0873	.8362
%RSD	21.10	217.6	18.55	27.07	23.17	185.5	152.6
#1	.4772	.5383	117.3	2.474	3.053	-1.523	.0014
#2	.7323	-.6309	167.2	1.818	2.080	-.8412	.1320
#3	.6035	1.699	131.4	1.451	3.321	.6062	1.511
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6545	1.354	-.0160	.9884	1.407	.0479	1.125
SDev	1.629	1.183	4.2176	.6746	2.957	.2500	1.194
%RSD	248.9	87.43	26420.	68.24	210.2	522.3	106.1
#1	-1.208	2.706	-4.853	.6112	4.719	-.1532	-.1949
#2	1.356	.5073	2.894	.5869	-.9665	.3278	1.440
#3	1.816	.8475	1.911	1.767	.4673	-.0310	2.131
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.0826	17.52
SDev	.3086	.42
%RSD	373.7	2.408
#1	-.2616	17.15
#2	.2738	17.43
#3	-.2600	17.98

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16670	--	--	--	--	--	--
SDev	122.5085	--	--	--	--	--	--
%RSD	.7348893	--	--	--	--	--	--
#1	16792	--	--	--	--	--	--
#2	16547	--	--	--	--	--	--
#3	16672	--	--	--	--	--	--

Method: LRI Sample Name: 0735404 Operator:
Run Time: 08/21/96 13:50:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3291	859.3	1.576	50.50	42.12	-.2306	17190.
SDev	.0981	9.0	3.160	.80	.20	.0317	54.
%RSD	29.81	1.051	200.5	1.575	.4794	13.73	.3125
#1	.3549	852.9	4.434	50.11	41.93	-.1965	17150.
#2	.2207	869.6	2.111	49.97	42.11	-.2363	17160.
#3	.4118	855.4	-1.817	51.41	42.33	-.2590	17250.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4208	2.276	2.661	3.043	1081.	3685.	6639.
SDev	.1090	.138	.490	.079	15.	6.	12.
%RSD	25.91	6.059	18.41	2.601	1.368	.1554	.1773
#1	.2949	2.139	2.307	2.999	1074.	3681.	6629.
#2	.4842	2.274	2.457	2.996	1072.	3683.	6636.
#3	.4834	2.415	3.220	3.135	1098.	3692.	6652.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	468.9	10.06	11370.	21.80	2.359	2.434	2.409
SDev	1.4	.61	44.	.52	1.401	.765	.894
%RSD	.3023	6.032	.3892	2.363	59.42	31.42	37.10
#1	467.9	9.589	11420.	22.18	3.120	3.289	3.233
#2	468.3	10.75	11330.	22.00	3.215	2.196	2.536
#3	470.6	9.854	11350.	21.21	.7414	1.816	1.459
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.054	1.881	2.018	2.072	2.958	33.99	1.085
SDev	.468	.494	3.034	.967	1.171	1.65	1.517
%RSD	22.77	26.28	150.4	46.68	39.60	4.849	139.8
#1	1.917	2.167	2.905	1.423	1.620	32.09	2.674
#2	2.575	2.166	4.510	1.608	3.801	34.99	-.3481
#3	1.670	1.310	-1.361	3.183	3.452	34.89	.9287
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	1.591	26.02
SDev	.004	.18
%RSD	.2460	.6922
#1	1.589	26.22
#2	1.588	25.87
#3	1.595	25.97

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16655	--	--	--	--	--	--
SDev	34.96188	--	--	--	--	--	--
%RSD	.2099140	--	--	--	--	--	--
#1	16674	--	--	--	--	--	--
#2	16677	--	--	--	--	--	--
#3	16615	--	--	--	--	--	--

Method: LRI Sample Name: 0735405 Operator:
Run Time: 08/21/96 13:55:48
Comment:
Code: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3015	135.4	-1.534	6.522	1.600	-.0885	627.7
SDev	.0604	1.2	2.399	.174	.024	.0610	1.5
%RSD	20.03	.8905	156.4	2.672	1.512	68.95	.2398
#1	.2437	135.1	1.039	6.663	1.573	-.0220	626.8
#2	.3642	136.7	-1.933	6.327	1.611	-.1420	629.4
#3	.2966	134.4	-3.708	6.576	1.617	-.1015	626.9
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0587	.2655	.3986	-.1615	18.64	194.8	90.79
SDev	.0003	.1357	.0865	.1251	1.33	3.7	3.07
%RSD	.5507	51.12	21.71	77.45	7.136	1.922	3.380
#1	.0584	.4016	.3489	-.1681	17.19	190.5	90.92
#2	.0589	.2650	.4985	-.0332	19.80	196.5	93.78
#3	.0590	.1301	.3483	-.2831	18.93	197.3	87.65
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1.558	.8468	219.6	.2851	1.154	1.491	1.379
SDev	.005	.3534	36.7	.1992	1.828	.397	.874
%RSD	.3164	41.74	16.71	69.89	158.3	26.65	63.33
#1	1.553	.5383	198.7	.3978	3.012	1.888	2.263
#2	1.561	.7696	198.0	.0551	-.6423	1.093	.5158
#3	1.561	1.232	261.9	.4025	1.093	1.492	1.360
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.209	2.878	.9206	1.353	.9412	.0806	1.792
SDev	1.065	1.553	.7747	1.876	1.085	.1160	1.002
%RSD	88.09	53.96	84.15	138.7	115.3	144.0	55.88
#1	.8318	3.211	1.740	.3776	1.886	.0775	2.309
#2	2.412	4.237	.2004	3.516	1.182	.1981	.6380
#3	.3843	1.186	.8212	.1655	-.2445	-.0338	2.430
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.0855	20.29
SDev	.3040	.06
%RSD	355.7	.2883
#1	-.2615	20.22
#2	-.2605	20.32
#3	.2656	20.32
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16749	--	--	--	--	--	--
SDev	43.31282	--	--	--	--	--	--
%RSD	.2585994	--	--	--	--	--	--
#1	16799	--	--	--	--	--	--
#2	16725	--	--	--	--	--	--
#3	16723	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-4 Operator:
Run Time: 08/21/96 14:00:55
Comment:
Mode: CONC Corr. Factor: 1

Sample No poured.

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	L.1061	L48.86	L2.636	L-1.294	L-.0617	L13.70	L-37.22
SDev	.1280	1.96	.879	.204	.0093	.08	.20
%RSD	120.7	4.015	33.34	15.76	15.05	.5744	.5291
#1	L.1274	L51.12	L3.131	L-1.076	L-.0584	L13.78	L-37.16
#2	L.2221	L47.64	L1.621	L-1.324	L-.0722	L13.63	L-37.07
#3	L-.0312	L47.81	L3.156	L-1.481	L-.0545	L13.67	L-37.44
Errors	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	L.0799	L.0197	L.6025	L-9.724	L16.08	L-374.1	L4.078
SDev	.0437	.0999	.0961	.075	1.19	7.5	.441
%RSD	54.76	507.0	15.95	.7757	7.391	2.012	10.80
#1	L.1013	L-.0752	L.6210	L-9.662	L17.30	L-382.7	L3.665
#2	L.1088	L.0104	L.6881	L-9.701	L16.02	L-368.8	L4.026
#3	L.0295	L.1240	L.4985	L-9.808	L14.93	L-370.8	L4.542
Errors	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low	LC Low
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	L-.2088	L.4440	L29.93	L-.1114	4.344	1.235	L2.271
SDev	.0027	.2541	1.94	.2135	.358	.635	.477
%RSD	1.288	57.24	6.477	191.7	8.240	51.45	21.01
#1	L-.2119	L.2553	L28.89	L.0685	4.557	.7687	L2.030
#2	L-.2073	L.7329	L28.74	L-.3474	4.545	1.959	L2.820
#3	L-.2073	L.3437	L32.17	L-.0553	3.931	.9780	L1.962
Errors	LC Low	LC Low	LC Low	LC Low	NOCHECK	NOCHECK	LC Low
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	L.8515	L1.125	-.3373	1.445	L-.3298	L.1646	L1.260
SDev	.3874	.180	1.4621	1.185	.8997	.0495	.210
%RSD	45.50	15.99	433.4	82.00	272.8	30.10	16.64
#1	L.5632	L1.328	1.351	.1698	L.6152	L.1733	L1.042
#2	L.6993	L1.058	-1.211	1.653	L-1.176	L.2092	L1.277
#3	L1.292	L.9879	-1.152	2.512	L-.4286	L.1113	L1.460
Errors	LC Low	LC Low	NOCHECK	NOCHECK	LC Low	LC Low	LC Low
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	L-.2681	L-.9167
SDev	.0659	.2390
%RSD	24.60	26.07
#1	L-.3095	L-1.136
#2	L-.1920	L-.9515
#3	L-.3027	L-.6623

Errors	LC Low	LC Low
High	550.0	550.0
Low	450.0	450.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	40182	--	--	--	--	--	--
SDev	722.8674	--	--	--	--	--	--
%RSD	1.798968	--	--	--	--	--	--
#1	41017	--	--	--	--	--	--
#2	39759	--	--	--	--	--	--
#3	39771	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-4 Operator:
Run Time: 08/21/96 14:06:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1028	47.78	2.890	-1.549	-.0720	H13.66	-37.45
SDev	.1537	.38	.791	.119	.0057	.07	.21
%RSD	149.5	.8054	27.38	7.696	7.915	.4860	.5728
#1	.0077	48.21	2.657	-1.481	-.0784	H13.62	-37.67
#2	.0206	47.47	3.772	-1.481	-.0674	H13.63	-37.44
#3	.2801	47.65	2.242	-1.687	-.0703	H13.74	-37.24
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC High	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1358	.1776	.6468	-9.763	16.75	-369.0	3.345
SDev	.0904	.0076	.0380	.046	1.97	6.4	1.208
%RSD	66.55	4.289	5.870	.4724	11.77	1.742	36.10
#1	.0315	.1721	.6906	-9.710	16.44	-364.4	3.813
#2	.1913	.1745	.6261	-9.789	14.95	-366.3	1.974
#3	.1847	.1863	.6237	-9.791	18.86	-376.4	4.249
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	-.2403	.3427	32.62	-.2221	4.407	2.106	2.872
SDev	.0300	.0024	18.00	.2992	1.125	.554	.400
%RSD	12.47	.6962	55.18	134.7	25.52	26.31	13.92
#1	-.2565	.3410	18.09	-.2694	3.109	2.391	2.630
#2	-.2058	.3418	52.75	.0979	5.026	1.467	2.652
#3	-.2588	.3455	27.01	-.4949	5.086	2.459	H3.334
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3201	.7462	-2.567	1.761	-.0825	.2305	1.583
SDev	.3784	.2707	.258	.565	.3199	.0975	.371
%RSD	118.2	36.27	10.03	32.10	387.8	42.29	23.46
#1	.5062	.6266	-2.818	2.165	-.4408	.1260	1.262
#2	.5693	.5560	-2.303	2.003	.0187	.3190	1.496
#3	-.1153	1.056	-2.581	1.115	.1746	.2465	1.990
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.2638	-.8471
SDev	.1715	.1812
%RSD	65.02	21.39
#1	-.2997	-.6385
#2	-.0771	-.9375
#3	-.4144	-.9654

Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	39584	--	--	--	--	--	--
SDev	486.1752	--	--	--	--	--	--
%RSD	1.228201	--	--	--	--	--	--
#1	39232	--	--	--	--	--	--
#2	39382	--	--	--	--	--	--
#3	40139	--	--	--	--	--	--

Method: LRI Sample Name: 0735406 Operator:
Run Time: 08/21/96 14:11:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.9744	1051.	-.5899	29.88	59.62	-.1376	9918.
SDev	.2564	5.	1.2881	.29	.06	.0535	21.
%RSD	26.31	.4986	218.4	.9818	.1088	38.84	.2130
#1	1.149	1046.	.8216	29.55	59.55	-.1431	9898.
#2	1.095	1056.	-.8891	30.12	59.62	-.0817	9918.
#3	.6801	1052.	-1.702	29.98	59.68	-.1882	9940.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2875	2.346	6.550	5.259	2546.	2469.	4252.
SDev	.0028	.566	.321	.157	4.	5.	9.
%RSD	.9686	24.13	4.893	2.978	.1472	.2001	.2109
#1	.2901	2.804	6.870	5.081	2542.	2464.	4246.
#2	.2846	2.522	6.229	5.316	2550.	2469.	4248.
#3	.2879	1.713	6.552	5.378	2546.	2474.	4263.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	279.4	1.393	13080.	6.413	5.459	4.301	4.687
SDev	.5	.357	26.	.541	.893	.825	.753
%RSD	.1871	25.63	.2006	8.435	16.35	19.17	16.07
#1	278.8	1.706	13050.	6.024	6.485	4.733	5.317
#2	279.5	1.467	13100.	7.031	5.035	4.819	4.892
#3	279.9	1.004	13100.	6.184	4.858	3.350	3.853
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6959	2.392	2.047	.0205	3.863	38.45	2.891
SDev	1.458	1.433	2.588	1.292	1.794	.06	.669
%RSD	209.4	59.90	126.4	6301.	46.44	.1583	23.15
#1	-.7315	3.304	-.9412	-.6275	3.868	38.41	2.396
#2	2.182	.7405	3.528	1.509	2.066	38.52	3.653
#3	.6375	3.130	3.555	-.8197	5.654	38.43	2.625
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	2.757	26.69	
SDev	.162	.53	
%RSD	5.881	1.996	
#1	2.855	26.08	
#2	2.570	26.94	
#3	2.846	27.05	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16608	--	--	--	--	--	--
SDev	49.86983	--	--	--	--	--	--
%RSD	.3002760	--	--	--	--	--	--
#1	16562	--	--	--	--	--	--
#2	16661	--	--	--	--	--	--
#3	16601	--	--	--	--	--	--

Method: LRI Sample Name: 0735407 Operator:
Run Time: 08/21/96 14:16:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.8735	189.1	-.3998	44.32	24.25	-.1404	14640.
SDev	.1554	2.5	2.7076	.75	.04	.0735	40.
%RSD	17.79	1.334	677.2	1.684	.1817	52.36	.2746
#1	.6942	191.9	.7822	44.47	24.22	-.1810	14640.
#2	.9691	188.0	-3.497	43.50	24.22	-.0556	14590.
#3	.9571	187.2	1.516	44.97	24.30	-.1848	14670.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	191.1	.8919	.3981	1.862	138.8	2558.	5947.
SDev	.3	.3403	.1738	.051	1.5	6.	19.
%RSD	.1796	38.16	43.66	2.715	1.097	.2169	.3220
#1	191.3	1.207	.1974	1.861	140.6	2560.	5953.
#2	190.7	.9369	.4985	1.914	137.7	2552.	5926.
#3	191.2	.5313	.4985	1.812	138.3	2562.	5963.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	28.12	.7699	16150.	6.323	1.786	.9464	1.227
SDev	.10	.6137	146.	.316	1.960	1.680	1.245
%RSD	.3589	79.71	.9026	4.993	109.8	177.5	101.5
#1	28.04	1.466	16290.	6.496	1.588	-.9630	-.1129
#2	28.10	.5383	15990.	5.959	3.838	1.604	2.349
#3	28.24	.3058	16160.	6.515	-.0679	2.198	1.444
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.7670	2.603	1.247	.5265	.8413	1.209	-1.034
SDev	.7767	2.031	1.827	.5799	.3560	.134	1.287
%RSD	101.3	78.03	146.5	110.1	42.32	11.10	124.4
#1	1.377	3.225	1.741	1.195	.4864	1.363	.2862
#2	1.031	.3337	2.777	.1586	.8390	1.126	-2.284
#3	-.1073	4.251	-.7762	.2260	1.198	1.136	-1.104
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Method: LRI Sample Name: 0735408 Operator:
Run Time: 08/21/96 14:21:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6667	149.9	-.9134	39.01	22.74	-.5250	13660.
SDev	.2134	.6	2.1599	1.19	.69	.4062	405.
%RSD	32.01	.3892	236.5	3.057	3.018	77.38	2.962
#1	.4678	150.0	-.3583	38.10	22.45	-.2855	13500.
#2	.8922	149.2	-3.297	38.58	22.25	-.2955	13370.
#3	.6402	150.4	.9148	40.36	23.53	-.9940	14130.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	182.3	1.588	.3973	6.745	52.14	2334.	5642.
SDev	4.9	.308	.1753	.435	7.46	70.	167.
%RSD	2.699	19.39	44.13	6.452	14.30	3.006	2.960
#1	180.5	1.485	.1949	6.558	43.88	2303.	5573.
#2	178.6	1.345	.4985	6.435	58.39	2284.	5520.
#3	187.9	1.934	.4985	7.242	54.14	2414.	5832.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	25.72	.8474	14800.	15.85	6.660	5.288	5.745
SDev	.78	.7471	375.	.63	.862	1.258	.963
%RSD	3.030	88.17	2.533	3.950	12.95	23.79	16.76
#1	25.50	.3045	14650.	15.86	7.473	4.832	5.712
#2	25.08	1.699	14510.	15.22	5.756	4.322	4.800
#3	26.59	.5383	15220.	16.48	6.750	6.711	6.724
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.208	2.838	3.240	.1923	44.09	.5796	.6811
SDev	3.211	1.978	4.596	2.677	1.73	.1535	3.075
%RSD	265.8	69.69	141.8	1392.	3.928	26.48	451.5
#1	-.1603	1.876	.0226	-.2523	43.63	.5622	.4302
#2	-1.092	1.525	1.194	-2.235	42.63	.4355	-2.261
#3	4.876	5.113	8.505	3.064	46.00	.7410	3.874
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00					-10.00
Elem	V_2924	Zn2062					
Units	PPB	PPB					
Avge	-.2184	31.44					
SDev	.0075	.94					
%RSD	3.412	2.978					
#1	-.2212	31.21					
#2	-.2240	30.64					
#3	-.2099	32.47					
Errors	LC Pass	LC Pass					
High	20000.	20000.					
Low	-50.00	-20.00					
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16387	--	--	--	--	--	--
SDev	381.7172	--	--	--	--	--	--
%RSD	2.329390	--	--	--	--	--	--
#1	16549	--	--	--	--	--	--
#2	16661	--	--	--	--	--	--
#3	15951	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-4 Operator:
Run Time: 08/21/96 14:40:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	499.4	49870.	501.5	495.7	497.8	482.3	50070.
SDev	.6	94.	2.9	.6	.8	.6	65.
%RSD	.1200	.1888	.5834	.1143	.1649	.1277	.1299
#1	499.9	49830.	499.1	496.2	497.7	482.3	50150.
#2	498.7	49460.	502.3	495.6	497.0	481.7	49960.
#3	499.7	49810.	503.7	495.1	498.6	482.9	50090.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	485.1	488.5	489.9	498.2	49470.	53160.	49180.
SDev	.2	1.3	.6	1.2	76.	76.	102.
%RSD	.0508	.2676	.1166	.2348	.1538	.1429	.2065
#1	485.1	489.1	490.2	498.1	49480.	53210.	49260.
#2	484.8	487.0	489.2	497.0	49390.	53080.	49070.
#3	485.3	489.5	490.2	499.4	49540.	53200.	49210.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2577	Mo3020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	489.8	493.1	47030.	496.3	478.2	497.5	491.1
SDev	.8	1.3	125.	1.2	5.2	3.8	.9
%RSD	.1675	.2585	.2668	.2347	1.087	.7567	.1774
#1	490.6	493.6	47160.	496.5	484.1	493.4	490.3
#2	489.0	496.0	46910.	495.1	474.4	500.8	492.0
#3	490.0	495.6	47010.	497.4	476.1	498.2	490.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	43000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	484.6	507.1	473.5	490.2	483.3	493.1	503.9
SDev	10.8	1.5	1.3	16.8	3.4	1.3	3.7
%RSD	2.225	.3020	.2772	3.419	.7072	.2641	.7432
#1	472.3	508.3	474.9	471.0	482.6	494.1	501.3
#2	492.3	505.1	473.2	501.8	480.2	491.8	502.3
#3	489.3	508.8	472.4	497.8	487.0	493.5	508.2
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Method: LDI Sample Name: OOB-1-4 Operator:
Run Time: 08/21/96 14:45:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.008	H209.7	-.4793	1.827	.8596	.6804	81.23
SDev	.383	35.8	.0727	.891	.3433	.3921	30.59
%RSD	37.99	17.06	15.17	54.78	39.94	57.63	37.65
#1	1.748	H230.8	-.5470	2.424	1.256	1.133	116.5
#2	1.203	185.3	-.4884	1.791	.6575	.4575	61.62
#3	1.061	193.0	-.4025	.6551	.6652	.4506	65.59
Errors	LC Pass	LC High	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.8189	1.534	.9563	-1.649	92.44	114.0	81.00
SDev	.5012	.932	.9505	.221	43.58	32.0	22.94
%RSD	61.20	60.75	99.34	13.40	47.14	28.04	28.32
#1	1.387	2.593	1.873	-1.454	H142.7	150.9	107.2
#2	.6299	.8033	.8036	-1.888	65.47	94.33	64.66
#3	.4397	1.215	.1926	-1.603	69.15	96.83	71.11
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.9403	2.734	69.39	.7133	3.905	3.049	H3.334
SDev	.3508	1.972	65.38	.7943	3.551	2.484	2.692
%RSD	37.30	72.15	94.22	111.4	90.95	80.51	80.75
#1	1.345	5.007	144.8	.7727	7.566	5.853	H6.424
#2	.7363	1.478	34.96	1.476	3.673	1.293	2.086
#3	.7393	1.716	28.42	-.1090	.4749	2.000	1.493
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.899	2.853	2.246	3.224	2.530	.8861	1.295
SDev	3.394	2.849	1.231	4.755	.410	.5576	4.320
%RSD	117.1	99.89	54.83	147.5	16.20	62.92	333.6
#1	H6.814	5.831	3.134	8.650	2.297	1.515	6.241
#2	1.136	.1526	.8403	1.237	3.003	.4515	-.5196
#3	.7770	2.574	2.762	-.2148	2.289	.6921	-1.737
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	50.00					10.00

Low	-5.000	-50.00	-10.00
Elem	V_2924	Sm2082	
Units	PPB	PPB	
Avge	.8994	.9752	
SDev	.40661	.3993	
%RSD	45.19	40.95	
#1	1.343	1.408	
#2	.8096	.7410	
#3	.5457	.7936	
Errors	LO Pass	LO Pass	
High	30.00	20.00	
Low	-30.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16449	--	--	--	--	--	--
SDev	24.63737	--	--	--	--	--	--
%RSD	.1497804	--	--	--	--	--	--
#1	16481	--	--	--	--	--	--
#2	16472	--	--	--	--	--	--
#3	16423	--	--	--	--	--	--

Method: LRI Sample Name: 0CV-1-4 Operator:
Run Time: 03/21/96 14:34:41
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	494.2	49120.	497.5	494.2	498.8	479.1	49650.
SDev	.5	70.	.6	1.2	.5	.8	132.
%RSD	.1055	.1331	.1306	.2526	.0983	.1610	.2668
#1	494.4	49040.	498.1	494.4	495.3	479.6	49780.
#2	495.6	49130.	496.8	492.9	495.9	478.2	49510.
#3	494.6	49190.	497.7	495.4	496.2	479.4	49650.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	493.1	494.5	495.5	494.6	49090.	52810.	48710.
SDev	.7	1.4	1.2	1.2	71.	130.	47.
%RSD	.1492	.2893	.2476	.2422	.1437	.2461	.0967
#1	493.5	495.7	496.7	493.4	49140.	52660.	48690.
#2	492.3	493.5	494.3	494.5	49010.	52860.	48670.
#3	493.8	494.2	495.4	495.8	49120.	52900.	48760.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Z200-1	Z200-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	485.5	491.3	46640.	493.5	469.2	495.2	486.5
SDev	.7	1.4	80.	1.1	2.8	5.8	3.3
%RSD	.1389	.2761	.1726	.2273	.5950	1.181	.6799
#1	486.2	489.9	46680.	494.6	471.1	488.5	492.7
#2	484.8	491.6	46540.	492.4	470.5	497.6	488.6
#3	485.6	492.6	46680.	493.6	466.0	499.5	488.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	486.5	509.8	469.1	495.2	479.0	489.5	502.5
SDev	6.7	4.0	2.7	10.9	1.7	.7	1.2
%RSD	1.369	.7844	.5779	2.200	.3445	.1391	.2331
#1	479.1	514.1	470.3	483.6	480.9	489.5	502.0
#2	489.4	506.0	470.9	497.1	477.8	488.9	501.7
#3	492.0	509.3	466.0	505.0	478.4	490.2	503.8
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0
Elem	V_2924	In2932					
Units	PPB	PPB					
Avge	490.4	469.7					
SDev	.6	2.4					
%RSD	.1130	.5111					
#1	491.0	472.5					
#2	489.9	468.0					
#3	490.3	468.6					
Errors	LO Pass	LO Pass					
High	550.0	550.0					
Low	450.0	450.0					
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16608	--	--	--	--	--	--
SDev	30.561590	--	--	--	--	--	--
%RSD	.1840406	--	--	--	--	--	--
#1	16597	--	--	--	--	--	--
#2	16643	--	--	--	--	--	--
#3	16585	--	--	--	--	--	--

Method: LRI Sample Name: 00B-1-4 Operator:
Run Time: 08/21/96 14:59:50
Comment:
Code: 00NO Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0494	196.2	-.0788	1.739	.6423	.6045	61.66
SDev	.0144	41.4	2.1246	.653	.3670	.3593	33.43
%RSD	33.12	21.11	2695.	37.51	57.14	59.44	54.27
#1	1.302	H241.6	2.291	2.118	1.041	.9931	97.38
#2	.6990	186.6	-.7132	2.116	.5675	.5360	86.55
#3	.0470	160.4	-1.814	.9860	.3185	.2843	31.04
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4921	1.253	.6495	-2.047	58.41	71.20	60.61
SDev	.2837	.692	.4503	.546	42.88	40.16	29.70
%RSD	57.65	55.25	69.33	26.69	62.68	56.40	49.01
#1	.8012	2.047	1.100	-1.440	H116.6	113.5	91.46
#2	.4315	.9687	.6498	-2.200	54.33	66.61	88.18
#3	.2436	1.072	.1995	-2.500	34.35	33.53	32.20
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.6394	3.161	29.97	.8079	4.057	2.113	2.761
SDev	.4225	1.771	43.36	.9592	2.085	2.462	2.114
%RSD	66.08	56.03	144.7	118.7	51.39	116.5	76.58
#1	1.080	4.708	60.51	1.795	5.631	4.939	H5.170
#2	.6004	3.547	49.06	.7503	4.848	.4290	1.901
#3	.2377	1.229	-19.66	-.1211	1.692	.9719	1.212
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	3.772	1.524	2.248	4.532	2.492	.7001	2.137
SDev	1.501	2.060	3.789	4.033	1.095	.5273	3.775
%RSD	39.81	135.2	168.5	89.00	43.94	75.32	176.7
#1	4.957	3.393	-1.853	8.357	3.692	1.245	6.321
#2	2.094	.5037	5.618	.3184	1.545	.6629	-1.011
#3	4.274	.1721	2.981	4.919	2.241	.1924	1.099
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-50.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	.3303	.2327	
SDev	.4018	.7190	
%RSD	114.6	309.0	
#1	.7892	1.038	
#2	.0011	.0069	
#3	.2606	-.3463	
Errors	LC Pass	LC Pass	
High	50.00	20.00	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16743	--	--	--	--	--	--
SDev	55.86591	--	--	--	--	--	--
%RSD	.3336373	--	--	--	--	--	--
#1	16704	--	--	--	--	--	--
#2	16718	--	--	--	--	--	--
#3	16807	--	--	--	--	--	--

Method: LRI Sample Name: PDW-2040 Operator:
Run Time: 03/21/96 15:04:59
Comment:
Code: 6040 Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3197	148.5	-.3619	3.221	.3007	-.0973	140.7
SDev	.0948	2.6	2.0020	.491	.0419	.0431	1.0
%RSD	29.66	1.789	553.4	15.25	13.94	44.26	.7258
#1	.4017	149.7	-.4396	2.775	.2719	-.0385	140.4
#2	.3416	145.5	1.698	3.139	.3015	-.1438	139.9
#3	.2159	150.2	-2.314	3.747	.3488	-.0901	141.8
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2516	.8045	.3970	-1.966	10.57	82.95	13.82
SDev	.1902	.1356	.3492	.100	4.79	.72	2.53
%RSD	75.59	16.99	87.95	5.090	45.30	.8714	18.29
#1	.4426	.9400	.1950	-1.835	12.09	83.54	16.34
#2	.0823	.8043	.1958	-2.049	5.083	82.17	11.55
#3	.2499	.6688	.8003	-1.994	13.75	82.15	13.36
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.5282	.9282	135.8	.3315	5.456	-.6814	1.353
SDev	.0675	.2677	18.4	.2659	4.078	.6906	1.691
%RSD	12.78	28.91	13.52	75.66	74.74	101.3	124.1
#1	.4902	.7719	122.4	.4128	10.09	-.2842	H3.171
#2	.4884	.7714	156.7	.0602	3.858	-.2812	1.098
#3	.6062	1.235	128.3	.5813	2.420	-1.479	-.1801
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti0372	Ti1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6842	.9619	3.200	-.3725	7.518	.1676	1.916
SDev	2.283	1.102	1.795	2.9764	1.963	.0674	1.001
%RSD	334.5	114.5	56.11	519.9	26.11	40.21	52.27
#1	-.0051	2.218	4.468	-2.239	7.659	.2097	2.748
#2	3.230	.5062	3.986	2.864	5.438	.0899	.8046
#3	-1.180	.1312	1.146	-2.342	9.406	.2032	2.194
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	50.00					10.00

Low	-5.000	-50.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.0824	0.038
SDev	.1521	.082
%RSD	184.5	0.320
#1	-.2581	0.098
#2	.0065	0.272
#3	.0045	0.248

Errors	10 Pass	10 Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16604	--	--	--	--	--	--
SDev	46.857251	--	--	--	--	--	--
%RSD	.2804898	--	--	--	--	--	--
#1	16559	--	--	--	--	--	--
#2	16601	--	--	--	--	--	--
#3	16652	--	--	--	--	--	--

Method: LRI Sample Name: LCSW-2043 Operator:
Run Time: 08/31/99 15:10:03
Comment:
Mode: LCNC Corr. Factor: 1

Elem	Ag3280	Al30821	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	49.25	2210.	40.33	2014.	1978.	50.91	20080.
SDev	.10	6.	1.23	3.	2.	.18	31.
%RSD	.2094	.2815	3.007	.1633	.1258	.3525	.4011
#1	49.45	2209.	41.00	2010.	1974.	51.11	20170.
#2	49.06	2204.	41.96	2016.	1978.	50.77	20020.
#3	49.20	2217.	39.52	2016.	1979.	50.85	20040.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	2400.	49.00	2400.	2400.	60.00	24000.
Low	40.00	1600.	32.00	1600.	1600.	40.00	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	49.69	491.4	206.9	247.3	1008.	22710.	19310.
SDev	.72	1.5	.9	.7	3.	36.	17.
%RSD	1.450	.3218	.4283	.2738	.2827	.1568	.0882
#1	50.23	493.2	207.8	246.7	1013.	22680.	19330.
#2	48.83	490.4	206.2	247.2	1012.	22690.	19290.
#3	49.91	490.7	206.4	248.0	999.3	22740.	19300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	600.0	240.0	300.0	1200.	24000.	24000.
Low	40.00	400.0	160.0	200.0	800.0	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb1203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	483.5	1980.	18090.	496.3	20.62	18.25	19.04
SDev	1.5	2.	21.	1.0	1.31	1.33	.43
%RSD	.3027	.0960	.1178	.1952	6.342	7.314	2.333
#1	485.2	1981.	18110.	495.5	22.12	16.73	18.53
#2	482.6	1982.	18080.	496.2	20.00	18.79	19.19
#3	482.8	1978.	18070.	497.4	19.73	19.23	19.40
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	500.0	2400.	24000.	500.0			24.00
Low	400.0	1600.	16000.	400.0			16.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.31	513.3	12.86	9.043	1919.	2002.	46.39
SDev	2.97	4.6	4.74	2.940	4.	2.	3.01
%RSD	28.82	.8938	36.90	32.51	.2107	.1145	6.486
#1	9.431	515.0	14.53	6.684	1921.	2004.	44.20
#2	L7.883	508.1	7.430	8.108	1921.	2000.	49.98
#3	H13.63	516.9	16.21	12.34	1914.	2003.	45.61
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	12.00	600.0			2400.	2400.	60.00

Low	0.000	400.0			1600.	1600.	40.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	471.2	501.0
SDev	.7	3.2
%RSD	.1577	.6380
#1	472.0	504.7
#2	470.9	499.4
#3	470.7	499.8
Errors	10 Pass	10 Pass
High	600.0	600.0
Low	400.0	400.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16697	--	--	--	--	--	--
SDev	41.00407	--	--	--	--	--	--
%RSD	.24556033	--	--	--	--	--	--
#1	16738	--	--	--	--	--	--
#2	16696	--	--	--	--	--	--
#3	16656	--	--	--	--	--	--

Method: LRI Sample Name: 0705401 Operator:
Run Time: 09/21/96 15:15:10
Comment:
Mode: CONC Corr. Factor: _

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4333	261.8	-.4060	28.47	39.83	-.2610	7549.
SDev	.1011	3.5	1.3670	2.29	.07	.1083	19.
%RSD	20.64	1.364	333.6	8.031	.1849	41.48	.2564
#1	.4552	261.9	1.169	30.47	39.87	-.3187	7568.
#2	.3833	258.2	-1.209	28.96	39.86	-.3289	7550.
#3	.4105	265.3	-1.189	25.98	39.74	-.1363	7529.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2760	.7983	1.359	.1581	308.3	2373.	3686.
SDev	.2203	.4711	.234	.0916	2.5	9.	16.
%RSD	79.82	59.01	17.18	57.94	.8178	.3948	.4211
#1	.4038	.8258	1.566	.2346	306.4	2383.	3700.
#2	.0216	.8269	1.106	.1832	309.4	2372.	3688.
#3	.4006	1.342	1.403	.0563	310.1	2364.	3670.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	46.95	2.410	17690.	2.169	3.711	1.345	2.133
SDev	.05	.412	78.	.630	1.853	1.177	.330
%RSD	.0963	17.11	.4436	29.05	49.95	87.54	38.91
#1	46.98	2.886	17750.	1.652	5.770	1.281	2.776
#2	46.90	2.175	17720.	2.870	2.175	2.553	2.428
#3	46.97	2.169	17600.	1.984	3.187	.2011	1.196
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-5.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.241	2.717	3.415	.1549	1.836	3.691	1.016
SDev	.412	1.496	2.377	1.071	.902	.356	3.610
%RSD	33.23	55.06	69.62	691.8	49.14	9.637	355.3
#1	1.538	1.691	2.602	1.081	1.969	4.102	4.744
#2	.7852	4.430	1.550	.4024	.8752	3.494	.7670
#3	1.350	2.027	6.092	-1.019	2.666	3.478	-2.463
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.4397	13.84
SDev	.5571	.39
%RSD	279.0	2.760
#1	.3242	13.90
#2	.0209	14.18
#3	-.2460	13.43
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-30.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16545	--	--	--	--	--	--
SDev	65.09224	--	--	--	--	--	--
%RSD	.3934255	--	--	--	--	--	--
#1	16478	--	--	--	--	--	--
#2	16549	--	--	--	--	--	--
#3	16609	--	--	--	--	--	--

Method: LRI Sample Name: 07354015 Operator:
Run Time: 08/21/96 15:20:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0902	250.7	-.8842	24.10	42.49	-.1497	8245.
SDev	.1709	3.3	1.8319	.39	.08	.0070	2.
%RSD	43.46	1.323	179.3	3.672	.1866	4.679	.0285
#1	.2115	247.1	-.4297	24.94	42.40	-.1573	8248.
#2	.1511C	253.5	-2.334	24.18	42.54	-.1431	8247.
#3	.4136	251.2	.4186	23.18	42.52	-.1436	8242.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2577	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2122	1.116	1.707	4.348	294.9	2574.	3931.
SDev	.0011	.282	.399	.170	7.5	1.	1.
%RSD	.5274	25.27	23.39	3.900	2.540	.0485	.0286
#1	.2128	1.206	1.234	4.159	291.6	2574.	3931.
#2	.2123	.7997	1.858	4.487	289.7	2576.	3933.
#3	.2109	1.341	2.008	4.399	303.5	2573.	3931.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	50000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	50.23	1.081	18990.	9.079	3.540	1.102	1.914
SDev	.05	.269	50.	.264	.311	.537	.620
%RSD	.1009	24.85	.2655	2.904	22.90	48.74	32.40
#1	50.17	1.236	19030.	8.792	3.410	1.214	1.945
#2	50.26	1.236	19010.	9.311	4.408	1.574	2.819
#3	50.25	.7708	18940.	9.134	2.803	.5176	1.279
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Be1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.8773	.8060	-.6160	1.622	.0264	2.654	-.1170
SDev	1.101	1.454	1.4313	1.436	2.186	.001	2.1690
%RSD	125.5	164.1	232.4	88.54	8271.	.0545	1854.
#1	-.0964	2.539	-2.168	.9371	-2.359	2.655	2.382
#2	2.073	.3161	-.3319	3.273	.5040	2.653	-1.513
#3	.6556	-.1967	.6520	.6563	1.935	2.653	-1.219
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-50.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1966	25.31
SDev	.3054	.34
%RSD	155.4	1.342
#1	.0207	25.52
#2	.5492	25.16
#3	.0198	25.84

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16636	--	--	--	--	--	--
SDev	6.658328	--	--	--	--	--	--
%RSD	.0400228	--	--	--	--	--	--
#1	16629	--	--	--	--	--	--
#2	16638	--	--	--	--	--	--
#3	16642	--	--	--	--	--	--

Method: LRI Sample Name: 07354018 Operator:
Run Time: 08/21/96 15:25:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	49.87	2385.	39.38	2056.	2055.	51.39	28670.
SDev	.14	8.	1.31	3.	7.	.01	57.
%RSD	.2779	.3530	3.327	.1383	.3395	.0117	.2001
#1	49.99	2394.	40.19	2056.	2062.	51.39	28730.
#2	49.72	2385.	40.08	2058.	2054.	51.39	28670.
#3	49.91	2377.	37.87	2053.	2048.	51.38	28610.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	50.44	489.6	211.0	254.8	1338.	25500.	23620.
SDev	.09	1.9	.2	1.3	5.	85.	77.
%RSD	.1749	.3836	.1059	.5155	.3582	.3342	.3248
#1	50.42	491.8	211.2	256.2	1337.	25580.	23690.
#2	50.36	488.8	211.2	254.7	1343.	25500.	23640.
#3	50.53	488.3	210.8	253.6	1334.	25410.	23540.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	543.0	1989.	38750.	506.5	19.93	18.77	19.16
SDev	1.3	3.	92.	1.2	3.36	.78	.98
%RSD	.2468	.1540	.2378	.2310	16.83	4.140	5.091
#1	544.4	1986.	38850.	507.6	23.77	18.24	20.08
#2	542.7	1992.	38730.	505.3	18.46	19.67	19.27
#3	541.8	1990.	38670.	506.7	17.57	18.42	18.14
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.13	523.5	9.219	10.58	1942.	2028.	47.45
SDev	2.67	5.6	3.184	3.71	6.	6.	.69
%RSD	26.37	1.073	34.54	35.08	.2865	.2879	1.462
#1	7.084	530.0	8.409	6.421	1947.	2034.	48.23
#2	11.21	520.5	6.519	13.56	1941.	2027.	47.21
#3	12.08	520.0	12.73	11.75	1936.	2023.	46.91
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	477.1	518.5
SDev	1.3	.9
%RSD	.2628	.1730
#1	478.4	518.0
#2	476.9	518.0
#3	475.9	519.6
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16448	--	--	--	--	--	--
SDev	84.92349	--	--	--	--	--	--
%RSD	.5163150	--	--	--	--	--	--
#1	16350	--	--	--	--	--	--
#2	16494	--	--	--	--	--	--
#3	16500	--	--	--	--	--	--

Method: LRI Sample Name: 0735401L Operator:
Run Time: 08/21/96 15:30:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6330	160.5	-.4497	9.906	8.565	-.2280	1629.
SDev	.1653	2.4	.9597	1.947	.108	.1500	10.
%RSD	26.11	1.523	213.4	19.66	1.257	65.81	.6447
#1	.7949	157.7	.1458	12.01	8.676	-.1268	1635.
#2	.4646	162.3	-1.557	9.548	8.560	-.1567	1617.
#3	.5394	161.5	.0619	8.163	8.460	-.4003	1635.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0518	1.159	.3504	-2.131	64.99	530.3	772.9
SDev	.1879	.384	.2977	.192	3.05	5.0	3.2
%RSD	362.8	33.16	84.97	9.019	4.692	.9364	.4131
#1	.0504	.9367	.3499	-2.238	67.70	529.3	772.4
#2	-.1354	1.603	.0529	-2.245	61.69	526.0	770.0
#3	.2403	.9378	.6484	-1.909	65.58	535.9	776.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	9.474	2.142	3723.	.1641	1.915	.8298	1.192
SDev	.104	.822	36.	.3569	.896	1.029	.431
%RSD	1.102	38.37	.9623	217.6	46.81	124.0	36.16
#1	9.488	2.827	3729.	.5632	1.459	1.741	1.647
#2	9.363	2.368	3684.	-.1245	1.338	1.035	1.137
#3	9.570	1.231	3755.	.0534	2.947	-.2865	.7909
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4822	1.122	3.175	-.8628	.9410	.6102	3.425
SDev	1.170	2.528	1.847	1.8023	2.157	.1690	.762
%RSD	242.7	225.4	58.19	208.9	229.2	27.70	22.25
#1	-.3966	4.034	1.299	-1.244	.4781	.7599	4.263
#2	.0327	-.1583	4.992	-2.444	3.291	.6439	2.773
#3	1.810	-.5110	3.233	1.100	-.9466	.4269	3.238
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1745	2.923
SDev	.1476	.171
%RSD	84.57	5.854
#1	.2599	3.026
#2	.2596	3.023
#3	.0041	2.728

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16861	--	--	--	--	--	--
SDev	83.93053	--	--	--	--	--	--
%RSD	.4977889	--	--	--	--	--	--
#1	16903	--	--	--	--	--	--
#2	16915	--	--	--	--	--	--
#3	16754	--	--	--	--	--	--

Method: LRI Sample Name: 0735402 Operator:
Run Time: 08/21/96 15:38:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5254	321.4	.5175	47.91	39.17	-.1977	13730.
SDev	.3684	3.5	2.603	.77	.07	.1188	51.
%RSD	70.12	1.097	502.9	1.612	.1734	60.11	.3709
#1	.8288	323.5	3.461	48.74	39.24	-.3286	13780.
#2	.8920	319.2	-1.478	47.78	39.17	-.1681	13720.
#3	.1552	319.5	-.4313	47.21	39.10	-.0965	13680.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.0048	2.379	10.07	.6850	428.2	1986.	7535.
SDev	.1894	.199	.12	.0702	1.9	9.	28.
%RSD	3917.	8.352	1.196	10.25	.4425	.4286	.3762
#1	.0057	2.163	9.934	.7396	430.0	1996.	7563.
#2	.1938	2.421	10.15	.7095	426.3	1983.	7536.
#3	-.1850	2.554	10.13	.6058	428.2	1979.	7506.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	253.3	2.711	12770.	14.74	1.715	1.380	1.492
SDev	.6	.351	29.	.96	1.330	.786	.881
%RSD	.2523	12.93	.2238	6.538	77.53	56.96	59.03
#1	253.9	2.648	12810.	15.37	.4339	.5054	.4821
#2	253.4	2.396	12760.	15.22	3.088	1.607	2.101
#3	252.7	3.089	12760.	13.63	1.623	2.028	1.893
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.649	.6382	1.453	1.746	1.942	11.65	2.217
SDev	.910	.7907	2.158	1.469	.423	.13	3.480
%RSD	55.21	123.9	148.5	84.14	21.81	1.103	157.0
#1	1.042	-.2748	2.974	.0767	2.431	11.73	-1.631
#2	2.696	1.095	2.400	2.842	1.697	11.50	5.145
#3	1.209	1.095	-1.017	2.319	1.698	11.71	3.136
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-30.00	-10.00
Elem	V_2924	Sn2863	
Units	PPB	PPB	
Avge	.6566	36.46	
SDev	.4003	.16	
%RSD	60.97	.4419	
#1	.3101	36.37	
#2	1.093	36.37	
#3	.5648	36.65	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-30.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16619	--	--	--	--	--	--
SDev	95.92879	--	--	--	--	--	--
%RSD	.5772352	--	--	--	--	--	--
#1	16509	--	--	--	--	--	--
#2	16660	--	--	--	--	--	--
#3	16687	--	--	--	--	--	--

Method: LRI Sample Name: 0735403 Operator:
Run Time: 09/21/96 15:40:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3878	150.3	-2.589	4.301	1.361	-.0793	501.4
SDev	.2014	2.4	1.483	.567	.040	.0912	3.1
%RSD	51.94	1.628	57.30	13.19	2.930	115.0	.6252
#1	.5607	152.2	-1.551	3.982	1.352	-.1739	504.1
#2	.4360	147.5	-4.287	3.964	1.404	-.0721	502.1
#3	.1666	151.1	-1.927	4.956	1.326	.0081	497.9
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2470	.6247	.2483	.8841	22.08	120.0	69.80
SDev	.0011	.4329	.0853	.0634	3.47	3.3	1.12
%RSD	.4421	69.30	34.77	7.173	15.74	2.774	1.610
#1	.2482	.9391	.3480	.8273	18.93	123.3	70.56
#2	.2466	.8041	.1985	.9525	21.50	120.1	70.33
#3	.2461	.1309	.1984	.8725	25.81	116.6	68.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.6002	1.001	119.9	1.733	2.538	2.084	2.235
SDev	.1199	.464	3.9	.437	.844	.874	.748
%RSD	19.97	46.29	3.286	25.19	33.26	41.94	33.44
#1	.6023	1.455	116.4	1.796	3.350	2.948	3.082
#2	.7190	.5383	119.2	2.135	1.665	2.102	1.957
#3	.4793	1.000	124.2	1.268	2.600	1.201	1.667
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.641	1.189	1.241	1.840	-.4809	.0045	1.597
SDev	1.359	3.057	1.905	2.243	.2056	.0688	.673
%RSD	82.79	257.0	153.5	121.9	42.75	1537.	42.15
#1	2.778	3.735	2.766	2.783	-.6006	.0839	2.278
#2	2.009	-2.201	-.8949	3.458	-.5987	-.0354	1.579
#3	.1364	2.033	1.852	-.7209	-.2436	-.0351	.9326
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.3097	-8.793
SDev	.2799	.199
%RSD	90.38	2.259
#1	-.5814	-9.021
#2	-.0223	-8.662
#3	-.3253	-8.694

Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15449	--	--	--	--	--	--
SDev	37.51000	--	--	--	--	--	--
%RSD	.2427989	--	--	--	--	--	--
#1	15423	--	--	--	--	--	--
#2	15432	--	--	--	--	--	--
#3	15492	--	--	--	--	--	--

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	.2653	17.68	
SDev	.2644	.56	
%RSD	99.67	3.172	
#1	.5303	18.29	
#2	.0015	17.54	
#3	.2641	17.20	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16731	--	--	--	--	--	--
SDev	30.98925	--	--	--	--	--	--
%RSD	.1852242	--	--	--	--	--	--
#1	16695	--	--	--	--	--	--
#2	16751	--	--	--	--	--	--
#3	16746	--	--	--	--	--	--

Method: LRI Sample Name: 0735404 Operator:
Run Time: 08/21/96 15:45:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5315	806.3	.8254	49.15	41.89	-.2992	16930.
SDev	.1310	5.8	2.570	.58	.09	.0434	45.
%RSD	24.65	.7144	311.3	1.187	.2257	14.50	.2652
#1	.5287	809.7	2.384	48.49	41.94	-.3302	16980.
#2	.4019	809.6	-2.140	49.58	41.79	-.3177	16890.
#3	.6638	799.7	2.233	49.39	41.95	-.2496	16930.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2395	2.152	2.526	2.347	1051.	3671.	6591.
SDev	.1094	.362	.179	.076	2.	5.	7.
%RSD	45.67	16.84	7.097	3.239	.2367	.1258	.1101
#1	.3034	1.880	2.629	2.388	1053.	3676.	6598.
#2	.3018	2.012	2.319	2.260	1051.	3668.	6584.
#3	.1132	2.563	2.630	2.394	1048.	3668.	6591.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	461.5	10.22	11320.	21.62	3.110	3.513	3.379
SDev	1.0	.61	16.	.16	.933	.430	.584
%RSD	.2160	5.923	.1432	.7401	30.00	12.23	17.29
#1	462.2	10.15	11300.	21.53	4.143	4.005	4.051
#2	460.4	9.651	11320.	21.81	2.858	3.211	3.094
#3	462.0	10.86	11340.	21.54	2.328	3.323	2.992
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.7803	.5204	-1.056	1.696	2.793	29.53	1.126
SDev	.2784	1.666	2.453	1.640	1.499	.25	3.432
%RSD	35.68	320.1	232.3	96.66	53.66	.8629	304.8
#1	.9967	2.351	-2.686	2.835	4.473	29.25	2.916
#2	.8781	-.9063	-2.247	2.438	2.312	29.74	3.292
#3	.4662	.1166	1.765	-.1831	1.594	29.61	-2.831
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	1.431	24.98
SDev	.305	.19
%RSD	21.34	.7445
#1	1.610	24.77
#2	1.604	25.03
#3	1.078	25.13
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16523	--	--	--	--	--	--
SDev	31.89566	--	--	--	--	--	--
%RSD	.1930341	--	--	--	--	--	--
#1	16508	--	--	--	--	--	--
#2	16560	--	--	--	--	--	--
#3	16502	--	--	--	--	--	--

Method: LRI Sample Name: 0735405 Operator:
Run Time: 08/21/96 15:51:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5955	164.5	-.0048	6.935	1.512	-.4381	593.0
SDev	.0713	.2	1.9312	.118	.022	.0292	1.9
%RSD	11.97	.1239	40480.	1.704	1.486	6.668	.3281
#1	.6702	164.4	-.3584	7.040	1.535	-.4240	591.3
#2	.5283	164.7	2.079	6.807	1.512	-.4186	592.7
#3	.5881	164.3	-1.735	6.958	1.490	-.4717	595.1
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1897	.8495	.4985	-.8354	16.98	193.9	89.45
SDev	.2925	.2083	.0000	.1825	1.83	5.1	3.08
%RSD	154.2	24.52	.0000	21.85	10.79	2.612	3.446
#1	-.1292	1.077	.4985	-1.003	16.39	188.1	86.75
#2	.2530	.6676	.4985	-.6407	15.52	196.5	88.80
#3	.4453	.8041	.4985	-.8629	19.04	197.2	92.81
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1.790	.2259	255.5	.2411	3.891	-.0586	1.257
SDev	.066	.3581	36.4	.6351	1.587	.5747	.345
%RSD	3.660	158.6	14.26	263.4	40.77	981.0	27.47
#1	1.826	.3043	284.8	-.4640	3.122	-.2406	.8796
#2	1.830	-.1650	267.1	.7681	5.716	-.5202	1.557
#3	1.714	.5383	214.7	.4193	2.836	.5850	1.335
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.551	2.274	4.131	1.761	1.430	.1747	2.203
SDev	2.208	1.974	4.744	1.659	.905	.0702	3.000
%RSD	86.56	86.80	114.8	94.82	63.26	40.18	136.1
#1	3.770	4.275	8.729	1.293	2.268	.0937	-1.248
#2	3.880	2.220	4.410	3.614	1.552	.2135	4.188
#3	.0020	.3280	-.7466	.3751	.4707	.2170	3.670
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-50.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1877	20.05
SDev	.1552	.41
%RSD	82.70	2.057
#1	.0085	20.23
#2	.2761	19.58
#3	.2784	20.34
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16501	--	--	--	--	--	--
SDev	42.19400	--	--	--	--	--	--
%RSD	.2557005	--	--	--	--	--	--
#1	16541	--	--	--	--	--	--
#2	16506	--	--	--	--	--	--
#3	16457	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-5 Operator:
Run Time: 08/21/96 15:56:13
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	494.7	49380.	496.2	496.3	502.3	478.7	49710.
SDev	2.7	262.	4.4	2.5	2.4	2.6	282.
%RSD	.5390	.5307	.8838	.5058	.4852	.5445	.5666
#1	496.2	49590.	494.7	498.9	504.4	480.9	49930.
#2	496.2	49470.	501.2	496.1	503.0	479.3	49800.
#3	491.6	49090.	492.8	493.9	499.6	475.8	49390.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	483.3	485.0	485.5	498.6	49040.	53230.	48910.
SDev	2.7	3.5	2.6	2.5	260.	252.	286.
%RSD	.5659	.7268	.5340	.5078	.5305	.4729	.5837
#1	486.1	488.0	487.7	501.1	49240.	53450.	49170.
#2	483.0	485.8	486.1	498.6	49140.	53300.	48960.
#3	480.7	481.1	482.6	496.0	48750.	52960.	48610.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	484.9	488.3	46890.	494.9	468.2	500.1	489.5
SDev	2.6	.9	214.	3.5	2.5	5.3	3.5
%RSD	.5371	.1809	.4568	.7004	.5349	1.057	.7079
#1	487.0	488.6	47080.	498.7	470.4	495.3	487.0
#2	485.8	488.9	46940.	494.0	468.8	505.8	493.5
#3	482.0	487.3	46660.	491.9	465.5	499.3	488.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	489.3	511.5	469.9	499.0	478.7	491.3	503.7
SDev	4.6	4.7	3.4	7.7	2.9	2.6	3.6
%RSD	.9383	.9106	.7206	1.543	.6091	.5276	.7113
#1	485.4	510.7	473.5	491.4	479.6	493.6	506.3
#2	494.4	516.5	469.5	506.8	481.0	491.9	499.6
#3	488.1	507.2	466.7	498.8	475.4	488.5	505.3
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

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Low	450.0	450.0			450.0	450.0	450.0
Elem	V_2924	Zn2062					
Units	PPB	PPB					
Avge	488.5	465.1					
SDev	2.2	2.2					
%RSD	.4533	.4796					
#1	490.1	466.3					
#2	489.4	466.5					
#3	485.9	462.5					
Errors	LC Pass	LC Pass					
High	550.0	550.0					
Low	450.0	450.0					
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16351	--	--	--	--	--	--
SDev	50.50082	--	--	--	--	--	--
%RSD	.3088483	--	--	--	--	--	--
#1	16315	--	--	--	--	--	--
#2	16330	--	--	--	--	--	--
#3	16409	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-5 Operator:
Run Time: 08/21/96 16:01:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4497	155.0	-.0307	.9137	.0539	-.2798	3.280
SDev	.0665	5.3	1.8768	.2464	.0130	.1026	4.811
%RSD	14.80	3.400	6119.	26.97	24.12	36.67	146.7
#1	.3996	149.9	1.619	.9076	.0553	-.1729	-1.967
#2	.5212	160.4	.3623	1.163	.0662	-.2889	7.483
#3	.4382	154.6	-2.073	.6703	.0403	-.3775	4.325
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2554	.3479	.0915	-3.091	8.524	5.548	7.905
SDev	.1912	.3443	.3167	.073	5.742	7.924	7.564
%RSD	74.86	98.96	346.1	2.355	67.36	142.8	95.69
#1	.0639	.3943	-.2632	-3.171	2.397	-3.581	1.029
#2	.4463	-.0172	.3459	-3.072	9.393	10.65	16.01
#3	.2561	.6666	.1918	-3.029	13.78	9.573	6.679
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.1299	1.951	-14.26	-.2858	1.714	.5627	.9464
SDev	.0016	.625	28.01	.3546	.161	.5025	.3719
%RSD	1.202	32.03	196.4	124.1	9.399	89.30	39.30
#1	.1288	2.181	-46.39	-.2874	1.641	.0083	.5526
#2	.1291	1.243	5.103	-.6396	1.601	.6914	.9949
#3	.1316	2.428	-1.507	.0696	1.898	.9883	1.292
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.957	2.000	1.472	2.198	1.915	-.0182	.5033
SDev	3.399	1.058	2.545	3.849	.006	.1186	.7110
%RSD	173.7	52.90	172.9	175.1	.2950	652.4	141.3
#1	1.580	2.228	.7138	2.012	1.909	-.1385	.5460
#2	H5.529	.8466	4.310	6.136	1.915	.0986	1.192
#3	-1.239	2.926	-.6073	-1.555	1.921	-.0146	-.2281
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	-.0776	.2852	
SDev	.1551	.2079	
%RSD	199.9	72.88	
#1	-.2567	.0453	
#2	.0107	.3982	
#3	.0132	.4121	
Errors	LC Pass	LC Pass	
High	50.00	20.00	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16447	--	--	--	--	--	--
SDev	56.76560	--	--	--	--	--	--
%RSD	.3451496	--	--	--	--	--	--
#1	16492	--	--	--	--	--	--
#2	16466	--	--	--	--	--	--
#3	16383	--	--	--	--	--	--

Method: LRI Sample Name: 0735406 Operator:
Run Time: 08/21/96 16:06:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.151	1064.	.9917	29.98	59.47	-.0959	9800.
SDev	.243	1.	1.459	1.17	.10	.0329	20.
%RSD	21.13	.0551	147.1	3.909	.1610	34.25	.2059
#1	1.422	1064.	-.3190	30.28	59.54	-.1273	9823.
#2	.9513	1065.	.7312	30.97	59.36	-.0986	9786.
#3	1.080	1064.	2.563	28.69	59.51	-.0618	9792.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2303	2.576	6.661	4.418	2510.	2460.	4201.
SDev	.1108	.281	.176	.114	8.	4.	3.
%RSD	48.11	10.90	2.641	2.577	.3202	.1797	.0693
#1	.1024	2.667	6.864	4.307	2519.	2457.	4200.
#2	.2934	2.800	6.551	4.535	2504.	2458.	4198.
#3	.2951	2.261	6.568	4.412	2507.	2465.	4204.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	275.6	1.705	12910.	5.725	5.356	4.155	4.555
SDev	.3	.002	11.	.093	1.247	1.064	.382
%RSD	.1258	.0973	.0821	1.623	23.28	25.61	8.384
#1	275.9	1.705	12910.	5.668	5.793	4.331	4.818
#2	275.2	1.703	12920.	5.832	6.325	3.014	4.117
#3	275.5	1.707	12900.	5.675	3.949	5.120	4.731
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.538	1.310	4.892	1.362	3.747	38.48	1.549
SDev	.804	2.234	1.294	.564	1.489	.56	2.108
%RSD	31.68	170.5	26.44	41.43	39.73	1.449	136.1
#1	3.404	1.078	6.326	1.945	4.939	38.14	1.599
#2	2.394	-.7989	4.540	1.322	2.078	39.12	3.631
#3	1.816	3.651	3.811	.8186	4.225	38.18	-.5836
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	2.764	26.28
SDev	.306	.49
%RSD	11.09	1.869
#1	3.117	26.40
#2	2.582	26.70
#3	2.591	25.74
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16579	--	--	--	--	--	--
SDev	23.58672	--	--	--	--	--	--
%RSD	.1422658	--	--	--	--	--	--
#1	16577	--	--	--	--	--	--
#2	16604	--	--	--	--	--	--
#3	16557	--	--	--	--	--	--

Method: LRI Sample Name: 0735407 Operator:
Run Time: 08/21/96 16:11:36
Comment:
Mode: CONC Corr. Factor: 1

MW-6

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.7098	218.2	-1.057	45.27	24.59	-.3030	14690.
SDev	.1051	1.2	.506	.51	.03	.0545	14.
%RSD	14.81	.5590	47.84	1.131	.1337	17.98	.0974
#1	.7295	219.4	-1.563	45.03	24.62	-.3085	14700.
#2	.8036	216.9	-.5514	44.93	24.60	-.3545	14670.
#3	.5962	219.4	-1.056	45.86	24.56	-.2460	14700.
Errors	LC Pass	LC_Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	192.2	1.258	.9044	1.249	141.4	2591.	5986.
SDev	.6	.440	.1758	.015	3.0	11.	7.
%RSD	.2904	34.96	19.44	1.210	2.111	.4088	.1198
#1	192.1	1.759	.8033	1.264	141.3	2600.	5994.
#2	192.8	.9385	.8026	1.234	144.4	2580.	5981.
#3	191.7	1.075	1.107	1.249	138.5	2594.	5982.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	28.23	.6945	16280.	6.693	1.789	1.110	1.337
SDev	.09	.3579	28.	.720	2.176	3.909	1.899
%RSD	.3144	51.54	.1726	10.75	121.7	352.1	142.0
#1	28.14	.7730	16280.	7.464	4.016	-3.200	-.7966
#2	28.32	1.007	16250.	6.039	1.684	2.104	1.965
#3	28.23	.3038	16310.	6.575	-.3332	4.427	2.842
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.753	3.704	3.617	2.321	1.328	1.311	.2591
SDev	.738	2.348	1.457	.936	1.782	.070	2.107
%RSD	26.79	63.40	40.27	40.32	134.1	5.352	812.9
#1	3.508	5.314	5.082	2.722	3.375	1.392	-.8870
#2	2.717	4.788	2.169	2.990	.4851	1.269	2.690
#3	2.035	1.009	3.601	1.252	.1245	1.272	-1.026
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	-.2218	35.35	
SDev	.2665	.44	
%RSD	120.2	1.247	
#1	-.4881	35.86	
#2	-.2222	35.08	
#3	.0449	35.12	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16506	--	--	--	--	--	--
SDev	19.00877	--	--	--	--	--	--
%RSD	.1151651	--	--	--	--	--	--
#1	16487	--	--	--	--	--	--
#2	16525	--	--	--	--	--	--
#3	16505	--	--	--	--	--	--

Method: LRI Sample Name: 0735408 Operator:
Run Time: 08/21/96 16:16:43
mment:
de: CONC Corr. Factor: 1

MW-11

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.7150	180.3	-3.241	38.50	22.41	-.3288	13230.
SDev	.2530	1.3	1.309	.57	.05	.0805	27.
%RSD	35.39	.7219	40.40	1.474	.2352	24.47	.2022
#1	.6040	179.4	-4.745	38.47	22.44	-.2834	13250.
#2	.5364	179.7	-2.354	39.09	22.35	-.2813	13200.
#3	1.004	181.8	-2.624	37.96	22.44	-.4217	13240.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	177.1	1.122	.7519	5.870	53.19	2284.	5478.
SDev	1.0	.079	.3509	.154	2.61	6.	13.
%RSD	.5450	7.075	46.67	2.624	4.909	.2578	.2401
#1	178.2	1.076	.3467	5.881	52.57	2280.	5472.
#2	176.7	1.076	.9538	5.710	56.05	2282.	5468.
#3	176.4	1.213	.9552	6.018	50.94	2291.	5493.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Z203-1	Z203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	24.83	.8500	14420.	15.34	4.797	3.403	3.868
SDev	.06	.3571	45.	.18	1.535	.676	.866
%RSD	.2526	42.01	.3125	1.151	31.99	19.88	22.38
#1	24.89	.7721	14420.	15.15	4.381	2.692	3.255
#2	24.77	1.240	14380.	15.50	3.514	3.478	3.490
#3	24.84	.5383	14470.	15.38	6.497	4.039	4.858
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.831	1.474	3.462	2.515	42.83	.4851	1.950
SDev	1.149	2.235	3.817	.266	.73	.1775	3.316
%RSD	40.59	151.6	110.2	10.56	1.700	36.59	170.1
#1	1.504	1.360	-.9182	2.713	42.19	.6793	-1.164
#2	3.489	-.7020	5.230	2.619	43.62	.4446	5.436
#3	3.499	3.763	6.075	2.213	42.67	.3313	1.576
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	.0439	30.31	
SDev	.0011	.67	
%RSD	2.470	2.213	
#1	.0434	30.51	
#2	.0432	30.86	
#3	.0452	29.56	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16536	--	--	--	--	--	--
SDev	28.30783	--	--	--	--	--	--
%RSD	.1711926	--	--	--	--	--	--
#1	16551	--	--	--	--	--	--
#2	16553	--	--	--	--	--	--
#3	16503	--	--	--	--	--	--

Method: LRI Sample Name: 0735409 Operator:
Run Time: 08/21/96 16:21:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5373	219.8	.4871	175.2	79.90	-.2478	11550.
SDev	.1322	1.7	.4430	1.9	.09	.0856	36.
%RSD	24.61	.7575	90.96	1.094	.1100	34.53	.3145
#1	.4138	221.6	.9178	174.7	79.80	-.1605	11510.
#2	.6768	219.7	.5107	173.5	79.96	-.2514	11550.
#3	.5214	218.2	.0327	177.3	79.94	-.3315	11580.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.90	.3046	.9035	.0275	160.6	4368.	6221.
SDev	.37	.6120	.2320	.0996	6.0	4.	13.
%RSD	3.395	200.9	25.68	362.1	3.733	.0835	.2145
#1	10.47	-.2828	.6496	-.0772	154.2	4364.	6207.
#2	11.07	.2579	1.105	.0387	161.6	4368.	6222.
#3	11.15	.9386	.9562	.1211	166.1	4371.	6234.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	257.5	.5377	17400.	1.991	3.395	.0275	1.149
SDev	.8	.2342	75.	.167	1.332	.7969	.882
%RSD	.3030	43.55	.4327	8.379	39.23	2900.	76.70
#1	256.6	.5383	17470.	1.981	4.757	.8733	2.167
#2	257.7	.7716	17320.	2.163	2.096	-.0815	.6442
#3	258.2	.3033	17410.	1.830	3.330	-.7094	.6364
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.246	-.0747	2.257	.7408	2.404	1.343	2.435
SDev	.790	.6923	.911	1.631	1.619	.057	1.558
%RSD	63.44	927.2	40.37	220.2	67.32	4.235	63.99
#1	.6180	.3290	2.788	-.4662	.8445	1.372	3.656
#2	2.134	-.8741	1.205	2.597	4.076	1.378	.6800
#3	.9867	.3211	2.778	.0918	2.293	1.277	2.968
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.2220	44.43
SDev	.3109	.27
%RSD	140.0	.6017
#1	.0419	44.12
#2	.0432	44.59
#3	.5810	44.57
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16558	--	--	--	--	--	--
SDev	82.51263	--	--	--	--	--	--
%RSD	.4983348	--	--	--	--	--	--
#1	16626	--	--	--	--	--	--
#2	16581	--	--	--	--	--	--
#3	16466	--	--	--	--	--	--

Method: LRI Sample Name: 0735410 Operator:
Run Time: 08/21/96 16:26:59
mment:
de: CONC Corr. Factor: 1

MW-2

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5221	829.0	-.2111	34.40	51.61	-.1467	8952.
SDev	.2009	3.9	2.1213	.75	.18	.0799	13.
%RSD	38.48	.4732	1005.	2.191	.3536	54.49	.1413
#1	.7409	828.5	-2.311	35.19	51.61	-.2337	8956.
#2	.4794	825.3	-.2535	33.70	51.43	-.1301	8941.
#3	.3460	833.1	1.931	34.30	51.79	-.0764	8948.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	84.70	2.400	7.663	4.501	2106.	2458.	4569.
SDev	.22	.474	.103	.048	10.	4.	10.
%RSD	.2603	19.76	1.344	1.070	.4586	.1556	.2179
#1	84.53	2.948	7.782	4.514	2117.	2458.	4563.
#2	84.62	2.127	7.606	4.542	2102.	2454.	4564.
#3	84.95	2.126	7.601	4.448	2099.	2462.	4581.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	255.6	1.626	10290.	11.67	4.083	2.528	3.046
SDev	.5	.268	78.	1.32	1.507	.483	.214
%RSD	.1812	16.49	.7589	11.29	36.92	19.10	7.018
#1	256.0	1.473	10360.	11.11	5.583	1.987	3.185
#2	255.1	1.936	10290.	13.17	4.098	2.682	3.154
#3	255.8	1.469	10200.	10.72	2.569	2.915	2.800
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.8945	.5697	3.686	-.4999	2.071	29.86	1.491
SDev	.8040	1.904	.972	.8578	.205	.11	4.488
%RSD	89.88	334.2	26.38	171.6	9.883	.3742	300.9
#1	1.553	2.622	4.794	-.0665	1.956	29.98	6.451
#2	-.0016	-1.139	2.974	-1.488	2.307	29.75	-2.291
#3	1.133	.2270	3.290	.0548	1.950	29.85	.3142
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	2.425	41.19
SDev	.151	.81
%RSD	6.213	1.971
#1	2.344	42.11
#2	2.599	40.57
#3	2.333	40.89
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16599	--	--	--	--	--	--
SDev	36.14323	--	--	--	--	--	--
%RSD	.2177391	--	--	--	--	--	--
#1	16558	--	--	--	--	--	--
#2	16615	--	--	--	--	--	--
#3	16625	--	--	--	--	--	--

Method: LRI Sample Name: 0735411 Operator:
Run Time: 08/21/96 16:32:06
Comment:
Type: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5736	176.9	1.007	6.991	1.434	-.1634	671.3
SDev	.2516	.4	1.636	.435	.028	.1148	2.6
%RSD	43.86	.2008	162.5	6.229	1.919	70.24	.3805
#1	.6884	176.5	2.892	6.859	1.403	-.0471	668.5
#2	.7473	177.0	-.0434	6.636	1.445	-.2766	673.6
#3	.2851	177.2	.1715	7.477	1.455	-.1667	671.6
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1233	.5327	.1972	-1.206	17.52	213.5	84.19
SDev	.1095	.5908	.5444	.148	6.53	3.5	.45
%RSD	88.83	110.9	276.0	12.28	37.25	1.625	.5369
#1	.0605	1.210	.0459	-1.327	13.76	210.5	83.70
#2	.0596	.1249	.8012	-1.041	25.06	217.3	84.59
#3	.2497	.2630	-.2555	-1.249	13.75	212.8	84.27
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1.048	.9252	254.5	.2335	1.427	1.396	1.407
SDev	.071	.5370	8.0	.3029	1.975	.257	.801
%RSD	6.749	58.04	3.130	129.8	138.4	18.38	56.94
#1	.9666	1.235	261.4	-.1163	3.355	1.691	2.246
#2	1.092	.3051	245.8	.4103	1.517	1.227	1.324
#3	1.086	1.235	256.3	.4064	-.5913	1.269	.6500
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.085	2.780	1.884	.6859	1.779	.0489	-.2657
SDev	.439	.710	2.721	1.849	.542	.1799	2.4090
%RSD	40.44	25.54	144.4	269.5	30.46	367.8	906.7
#1	.6033	3.575	4.536	-1.361	1.899	.0866	.0321
#2	1.462	2.210	2.017	1.184	1.188	.2070	-2.810
#3	1.191	2.554	-.9006	2.235	2.252	-.1469	1.981
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1817	20.79
SDev	.1530	.31
%RSD	84.22	1.493
#1	.0050	21.11
#2	.2713	20.49
#3	.2687	20.75
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16637	--	--	--	--	--	--
SDev	34.07345	--	--	--	--	--	--
%RSD	.2048052	--	--	--	--	--	--
#1	16652	--	--	--	--	--	--
#2	16598	--	--	--	--	--	--
#3	16661	--	--	--	--	--	--

Method: LRI Sample Name: 0735412 Operator:
Run Time: 08/21/96 16:37:14
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.8904	249.1	.6313	60.77	20.64	-.2522	7581.
SDev	.1301	2.9	1.934	1.02	.07	.0693	38.
%RSD	14.61	1.156	306.3	1.678	.3620	27.50	.4971
#1	1.018	251.4	1.150	60.84	20.72	-.3228	7620.
#2	.8958	245.9	2.253	61.75	20.64	-.1842	7580.
#3	.7577	250.1	-1.509	59.71	20.57	-.2495	7545.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	14.88	.5309	1.253	.7880	150.2	1608.	3701.
SDev	.43	.1362	.153	.0355	5.5	8.	14.
%RSD	2.896	25.65	12.21	4.501	3.691	.4671	.3745
#1	15.25	.3944	1.407	.8279	150.3	1616.	3714.
#2	14.41	.6668	1.101	.7599	155.7	1605.	3701.
#3	14.99	.5315	1.252	.7763	144.6	1602.	3687.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	Z203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	29.40	1.004	8511.	2.385	1.305	1.042	1.130
SDev	.18	.466	69.	.884	.771	.580	.552
%RSD	.6214	46.45	.8136	37.07	59.11	55.67	48.87
#1	29.58	1.471	8578.	3.211	1.023	1.514	1.351
#2	29.42	.5383	8440.	2.494	.7144	.3944	.5015
#3	29.22	1.003	8516.	1.452	2.178	1.217	1.537
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.586	2.599	1.461	1.648	1.314	9.451	1.975
SDev	2.183	1.979	3.566	1.526	1.558	.146	3.964
%RSD	137.6	76.15	244.1	92.64	118.6	1.545	200.7
#1	2.942	4.424	4.121	2.353	2.392	9.562	1.913
#2	2.747	2.877	2.853	2.694	-.4725	9.505	5.970
#3	-.9317	.4955	-2.591	-.1039	2.023	9.285	-1.958
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1123	23.78
SDev	.1521	.07
%RSD	135.5	.3122
#1	.0260	23.87
#2	.0229	23.72
#3	.2878	23.76
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16648	--	--	--	--	--	--
SDev	47.08503	--	--	--	--	--	--
%RSD	.2828269	--	--	--	--	--	--
#1	16595	--	--	--	--	--	--
#2	16685	--	--	--	--	--	--
#3	16664	--	--	--	--	--	--

Method: LRI Sample Name: 0735413 Operator:
Run Time: 08/21/96 16:45:59
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.381	2940.	2.619	39.56	68.71	.0363	8996.
SDev	.170	2.	1.209	.87	.07	.0442	1.
%RSD	12.32	.0578	46.17	2.201	.0973	121.7	.0079
#1	1.561	2942.	3.529	38.69	68.67	-.0082	8996.
#2	1.358	2941.	3.082	39.56	68.68	.0802	8996.
#3	1.223	2938.	1.247	40.43	68.79	.0371	8997.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	18.07	7.839	15.57	20.37	9579.	2597.	4739.
SDev	.40	.235	.09	.09	12.	4.	7.
%RSD	2.189	2.999	.5641	.4224	.1224	.1705	.1390
#1	17.75	7.976	15.62	20.46	9579.	2602.	4746.
#2	17.94	7.975	15.47	20.37	9591.	2594.	4737.
#3	18.51	7.568	15.62	20.28	9567.	2594.	4733.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2315	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	871.4	2.945	10270.	11.37	15.65	14.29	14.74
SDev	.3	.485	42.	.71	1.56	1.53	.55
%RSD	.0358	16.46	.4122	6.211	9.991	10.74	3.755
#1	871.1	2.402	10270.	10.73	13.92	16.06	15.35
#2	871.7	3.100	10310.	12.12	16.97	13.44	14.61
#3	871.3	3.333	10220.	11.25	16.05	13.37	14.27
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.760	1.473	1.044	2.116	4.425	123.5	2.233
SDev	1.285	.971	2.595	1.552	1.097	.1	1.363
%RSD	73.01	65.95	248.6	73.32	24.78	.1129	61.05
#1	2.312	1.188	-.5215	3.725	5.382	123.6	1.052
#2	2.677	2.555	4.040	1.995	4.665	123.6	1.923
#3	.2913	.6760	-.3863	.6288	3.228	123.3	3.725
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	10.33	60.96
SDev	.15	1.20
%RSD	1.488	1.972
#1	10.50	61.66
#2	10.24	61.65
#3	10.24	59.57
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16612	--	--	--	--	--	--
SDev	1.154700	--	--	--	--	--	--
%RSD	.0069509	--	--	--	--	--	--
#1	16611	--	--	--	--	--	--
#2	16613	--	--	--	--	--	--
#3	16613	--	--	--	--	--	--

Method: LRI Sample Name: 0735414 Operator:
Run Time: 08/21/96 16:51:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.7136	242.0	-.9234	27.01	21.30	-.2087	6750.
SDev	.2566	2.0	2.6991	.74	.07	.1136	19.
%RSD	35.95	.8198	292.3	2.743	.3416	54.44	.2741
#1	1.010	242.9	-2.914	27.72	21.37	-.3385	6762.
#2	.5612	239.8	-2.005	27.07	21.22	-.1276	6729.
#3	.5698	243.4	2.149	26.24	21.30	-.1598	6760.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	13.41	.5311	.5498	2.914	199.4	1613.	3557.
SDev	.16	.1337	.5710	.261	5.5	8.	10.
%RSD	1.185	25.17	103.9	8.970	2.739	.5116	.2843
#1	13.57	.6648	.9542	3.162	205.8	1623.	3569.
#2	13.26	.5312	-.1034	2.937	196.1	1608.	3553.
#3	13.40	.3974	.7985	2.641	196.4	1609.	3550.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	5.748	.5380	9116.	1.684	3.925	3.672	3.757
SDev	.101	.2314	42.	.097	1.018	1.003	.955
%RSD	1.758	43.00	.4617	5.772	25.95	27.31	25.43
#1	5.632	.5383	9143.	1.643	4.774	4.826	4.810
#2	5.816	.3065	9068.	1.796	4.205	3.170	3.516
#3	5.797	.7693	9138.	1.615	2.796	3.018	2.945
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.367	1.519	1.622	1.239	.6185	2.066	.9870
SDev	1.123	.895	1.781	2.248	1.347	.113	2.984
%RSD	82.19	58.95	109.8	181.5	217.8	5.476	302.3
#1	1.228	.8371	-.0702	1.875	1.216	2.088	3.067
#2	.3194	1.186	3.480	-1.259	1.564	1.943	-2.432
#3	2.553	2.532	1.456	3.100	-.9241	2.166	2.326
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	.1084	19.62	
SDev	.1493	.21	
%RSD	137.8	1.077	
#1	.0246	19.43	
#2	.0198	19.57	
#3	.2808	19.85	
Errors	LC Pass	LC Pass	
High	20000.	20000.	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16662	--	--	--	--	--	--
SDev	108.9694	--	--	--	--	--	--
%RSD	.6539865	--	--	--	--	--	--
#1	16540	--	--	--	--	--	--
#2	16698	--	--	--	--	--	--
#3	16749	--	--	--	--	--	--

Method: LRI Sample Name: 0735415 Operator:
Run Time: 08/21/96 16:56:18
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.229	256.6	-1.371	12.31	7.888	-.2061	5023.
SDev	.099	3.1	2.624	.45	.069	.0874	17.
%RSD	8.087	1.198	191.4	3.641	.8733	42.41	.3357
#1	1.119	260.1	1.000	12.05	7.873	-.2733	5035.
#2	1.314	254.5	-.9231	12.83	7.963	-.2376	5029.
#3	1.252	255.1	-4.189	12.06	7.828	-.1073	5003.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	8.815	.7531	2.340	3.280	397.2	823.1	1896.
SDev	.200	.2790	.085	.258	2.3	2.3	5.
%RSD	2.270	37.04	3.631	7.861	.5787	.2787	.2780
#1	8.619	.6641	2.288	3.570	398.0	823.7	1902.
#2	9.019	.5295	2.293	3.196	399.1	825.1	1896.
#3	8.809	1.066	2.438	3.075	394.7	820.6	1891.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	14.24	1.305	4783.	5.977	1.470	2.376	2.075
SDev	.08	.351	69.	.367	1.274	.729	.795
%RSD	.5705	26.89	1.434	6.140	86.66	30.69	38.31
#1	14.26	.9977	4840.	5.568	2.530	2.194	2.306
#2	14.30	1.229	4707.	6.277	1.825	3.179	2.729
#3	14.15	1.687	4803.	6.087	.0563	1.755	1.190
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.775	1.945	2.103	1.610	.1526	2.651	-.8978
SDev	1.160	.637	3.652	.507	2.320	.064	1.3811
%RSD	65.35	32.78	173.6	31.48	1521.	2.426	153.8
#1	3.071	2.674	5.729	1.743	-1.970	2.609	-.3917
#2	.8348	1.666	-1.575	2.037	2.630	2.619	.1587
#3	1.419	1.494	2.156	1.050	-.2019	2.725	-2.461
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.2579	144.1
SDev	.2625	.4
%RSD	101.8	.2538
#1	.2569	144.5
#2	.5208	143.9
#3	-.0041	143.9
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16827	--	--	--	--	--	--
SDev	26.05763	--	--	--	--	--	--
%RSD	.1548561	--	--	--	--	--	--
#1	16844	--	--	--	--	--	--
#2	16797	--	--	--	--	--	--
#3	16840	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-6 Operator:
Run Time: 08/21/96 17:01:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	495.2	49730.	508.0	503.0	508.0	488.2	50620.
SDev	1.0	101.	.7	1.4	1.3	1.6	190.
%RSD	.2072	.2032	.1322	.2736	.2555	.3367	.3749
#1	494.3	49650.	507.5	502.0	506.8	487.0	50500.
#2	494.9	49690.	508.8	502.4	507.9	487.7	50520.
#3	496.3	49840.	507.7	504.6	509.4	490.1	50840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	494.6	492.1	495.6	502.4	49820.	53590.	49350.
SDev	3.0	2.0	2.3	1.1	190.	51.	124.
%RSD	.6148	.4026	.4626	.2255	.3811	.0958	.2522
#1	491.8	491.1	494.0	501.3	49710.	53560.	49260.
#2	494.2	490.8	494.7	502.3	49720.	53560.	49310.
#3	497.8	494.4	498.2	503.5	50040.	53650.	49490.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	494.2	496.3	46980.	504.8	476.8	507.0	496.9
SDev	1.7	5.3	174.	2.3	2.0	5.7	3.2
%RSD	.3522	1.076	.3711	.4596	.4268	1.129	.6519
#1	493.1	490.6	46860.	504.1	479.1	500.8	493.6
#2	493.4	496.9	46910.	502.9	475.4	508.1	497.2
#3	496.2	501.3	47180.	507.4	475.9	512.1	500.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	498.6	521.2	483.2	506.4	489.0	497.6	512.3
SDev	4.8	.8	1.5	7.5	1.3	1.4	6.8
%RSD	.9712	.1545	.3054	1.473	.2749	.2786	1.334
#1	493.8	521.1	484.3	498.5	490.2	496.6	504.9
#2	498.7	520.4	481.5	507.3	487.6	497.0	513.5
#3	503.5	522.0	483.7	513.4	489.3	499.1	518.4
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	494.1	478.0
SDev	1.4	1.6
%RSD	.2880	.3337
#1	493.4	476.1
#2	493.1	478.7
#3	495.7	479.0
Errors	LC Pass	LC Pass
High	550.0	550.0
Low	450.0	450.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16600	--	--	--	--	--	--
SDev	10.44031	--	--	--	--	--	--
%RSD	.0628934	--	--	--	--	--	--
#1	16588	--	--	--	--	--	--
#2	16605	--	--	--	--	--	--
#3	16607	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-6 Operator:
Run Time: 08/21/96 17:06:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4539	160.6	-.6545	.6655	.0617	-.1166	2.856
SDev	.2415	2.5	1.7640	.6940	.0053	.1013	.630
%RSD	53.21	1.567	269.5	104.3	8.537	86.82	22.05
#1	.5483	158.0	.9454	-.1087	.0593	-.2076	2.302
#2	.1795	160.8	-2.546	1.232	.0678	-.0075	2.727
#3	.6341	163.0	-.3625	.8733	.0581	-.1348	3.541
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	-.0019	.7161	-.2021	-3.540	1.958	9.387	3.069
SDev	.1087	.4339	.1697	.191	1.285	4.822	1.973
%RSD	5620.	60.59	83.99	5.407	65.62	51.38	64.31
#1	-.1275	1.211	-.1061	-3.491	3.344	11.27	2.260
#2	.0603	.4022	-.3981	-3.751	1.722	3.907	1.628
#3	.0614	.5349	-.1021	-3.378	.8072	12.98	5.318
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.1221	.6141	-38.50	-.2309	3.556	-1.213	.3760
SDev	.0027	.3527	75.26	.8951	1.939	1.818	1.310
%RSD	2.239	57.43	195.5	387.6	54.51	150.0	348.5
#1	.1249	.3055	34.62	.7583	5.775	-1.715	.7800
#2	.1195	.9986	-115.7	-.9851	2.191	-2.727	-1.089
#3	.1218	.5383	-34.41	-.4660	2.703	.8041	1.437
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3380	2.158	-.8771	.9439	.7016	-.0716	3.992
SDev	1.907	1.841	2.5457	2.324	1.439	.2471	2.785
%RSD	564.3	85.34	290.2	246.2	205.1	345.2	69.76
#1	-1.417	4.264	-.8783	-1.687	-.6036	.2053	7.096
#2	.0639	1.359	-3.422	1.804	.4641	-.2696	3.167
#3	2.367	.8506	1.669	2.715	2.244	-.1503	1.713
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00	-10.00
Elem	V_2924	Zn2062	
Units	PPB	PPB	
Avge	-.2609	-.1025	
SDev	.2629	.2091	
%RSD	100.8	204.1	
#1	-.5234	.0261	
#2	-.2617	-.3433	
#3	.0025	.0103	
Errors	LC Pass	LC Pass	
High	50.00	20.00	
Low	-50.00	-20.00	

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16722	--	--	--	--	--	--
SDev	95.86623	--	--	--	--	--	--
%RSD	.5732826	--	--	--	--	--	--
#1	16622	--	--	--	--	--	--
#2	16813	--	--	--	--	--	--
#3	16732	--	--	--	--	--	--

Method: LRI Sample Name: 0735416 Operator:
Run Time: 08/21/96 17:11:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5067	189.4	-.6735	4.787	2.761	-.2004	821.5
SDev	.1052	1.4	1.4136	.700	.016	.0579	1.5
%RSD	20.77	.7359	209.9	14.62	.5967	28.91	.1796
#1	.4876	187.8	-.8168	5.361	2.756	-.2514	820.0
#2	.4123	190.2	.8063	4.007	2.747	-.2123	821.5
#3	.6202	190.3	-2.010	4.993	2.779	-.1374	822.9
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	-.0075	.5777	.2974	-.5949	48.44	162.7	110.5
SDev	.2896	.1568	.3482	.3500	5.69	3.3	1.4
%RSD	3852.	27.14	117.1	58.84	11.74	2.028	1.278
#1	.2457	.6684	-.1047	-.3275	43.21	159.0	112.0
#2	-.3233	.3967	.4985	-.4661	47.62	163.8	109.2
#3	.0550	.6681	.4985	-.9910	54.50	165.4	110.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	3.783	1.236	280.7	.3495	3.131	.4967	1.374
SDev	.075	.233	48.2	.2674	2.220	1.786	.836
%RSD	1.986	18.82	17.15	76.50	70.90	359.6	60.80
#1	3.738	1.003	239.9	.4063	3.146	-.9442	.4184
#2	3.869	1.237	268.5	.5838	5.342	-.0610	1.739
#3	3.741	1.468	333.8	.0583	.9032	2.495	1.966
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.941	2.153	1.503	3.658	2.020	.2036	2.580
SDev	2.958	.803	3.961	2.601	.545	.2317	2.965
%RSD	100.6	37.30	263.6	71.10	26.99	113.8	114.9
#1	1.779	1.531	-1.212	3.272	1.545	.4354	5.589
#2	6.303	1.869	6.047	6.431	1.900	-.0280	-.3386
#3	.7395	3.060	-.3278	1.272	2.616	.2035	2.488
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1806	21.01
SDev	.4044	.71
%RSD	223.9	3.365
#1	-.2603	20.75
#2	.5342	20.46
#3	.2679	21.81
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16643	--	--	--	--	--	--
SDev	22.47962	--	--	--	--	--	--
%RSD	.1350722	--	--	--	--	--	--
#1	16662	--	--	--	--	--	--
#2	16618	--	--	--	--	--	--
#3	16648	--	--	--	--	--	--

Method: LRI Sample Name: 0735417 Operator:
Run Time: 08/21/96 17:16:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4979	174.3	-3.728	1.660	1.138	-.2460	449.6
SDev	.1362	1.9	.833	.194	.041	.0715	1.2
%RSD	27.35	1.085	22.34	11.67	3.636	29.06	.2608
#1	.3638	176.3	-4.549	1.618	1.103	-.2727	448.9
#2	.4937	172.6	-2.884	1.871	1.183	-.3003	451.0
#3	.6361	173.8	-3.750	1.490	1.127	-.1650	449.1
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1849	.3100	.3484	-1.033	18.07	76.22	70.25
SDev	.1088	.2799	.1500	.145	1.49	1.01	1.90
%RSD	58.86	90.28	43.07	14.02	8.227	1.321	2.711
#1	.0592	.3997	.3483	-.8671	17.20	75.68	72.29
#2	.2484	.5341	.4985	-1.102	17.21	77.38	69.94
#3	.2470	-.0037	.1984	-1.132	19.78	75.59	68.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.4807	1.155	167.5	.1705	2.162	.1340	.8098
SDev	.0012	.134	1.0	.9566	1.377	.8738	.7155
%RSD	.2500	11.57	.5747	561.2	63.70	652.3	88.35
#1	.4806	1.001	168.6	1.097	3.557	-.4126	.9098
#2	.4819	1.233	167.2	-.8135	2.126	1.142	1.470
#3	.4795	1.232	166.7	.2277	.8031	-.3273	.0497
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.499	-.9628	2.539	2.478	-.0053	.0435	2.380
SDev	.733	1.5372	1.561	.506	1.4785	.1327	2.774
%RSD	29.32	159.7	61.46	20.42	27880.	305.1	116.6
#1	2.087	.6768	1.088	2.585	1.179	-.0338	2.215
#2	3.345	-1.194	4.190	2.922	.4673	-.0324	-.3083
#3	2.065	-2.371	2.340	1.927	-1.662	.1968	5.233
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.0025	16.19
SDev	.0008	.68
%RSD	31.27	4.180
#1	.0025	15.50
#2	.0033	16.22
#3	.0018	16.86

Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16721	--	--	--	--	--	--
SDev	23.54428	--	--	--	--	--	--
%RSD	.1408039	--	--	--	--	--	--
#1	16723	--	--	--	--	--	--
#2	16697	--	--	--	--	--	--
#3	16744	--	--	--	--	--	--

Method: LRI Sample Name: PBW1-2078 Operator:
Run Time: 08/21/96 17:21:59
Comment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4155	170.1	-1.863	2.672	.4073	-.1364	206.3
SDev	.2001	3.7	3.818	.394	.0136	.0584	1.3
%RSD	48.16	2.195	204.9	14.74	3.341	42.85	.6380
#1	.2192	168.2	.0670	3.120	.4010	-.0723	204.8
#2	.6192	167.6	.6047	2.380	.4229	-.1868	206.6
#3	.4082	174.4	-6.260	2.516	.3980	-.1500	207.4
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1227	.4425	.4486	-2.827	21.84	58.15	9.879
SDev	.1088	.2074	.3145	.104	6.94	3.82	.340
%RSD	88.73	46.87	70.11	3.690	31.80	6.562	3.441
#1	.2483	.3983	.1971	-2.929	22.40	54.01	10.27
#2	.0586	.6685	.3475	-2.831	28.49	58.92	9.672
#3	.0610	.2608	.8013	-2.720	14.63	61.52	9.695
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.1239	1.160	75.12	.2914	1.772	.2811	.7782
SDev	.0012	.940	42.33	.2652	2.478	.8440	1.386
%RSD	.9804	81.08	56.35	91.03	139.8	300.3	178.2
#1	.1229	.0740	82.11	.5801	4.632	1.246	2.374
#2	.1236	1.701	113.5	.0585	.4313	-.0841	.0881
#3	.1253	1.704	29.73	.2355	.2535	-.3189	-.1277
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4823	2.209	-1.179	1.311	1.303	-.0289	-.2153
SDev	.8417	.450	3.140	1.297	1.653	.0021	.8775
%RSD	174.5	20.37	266.3	98.93	126.9	7.261	407.5
#1	-.4613	2.720	-2.589	.6005	2.253	-.0308	.4001
	.7525	1.869	-3.366	2.808	-.6056	-.0293	.1741
#3	1.156	2.039	2.419	.5246	2.261	-.0267	-1.220
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00					-10.00
Elem	V_2924	Zn2062					
Units	PPB	PPB					
Avge	.0041	12.37					
SDev	.4572	.43					
%RSD	11260.	3.491					
#1	.2675	12.11					
#2	.2685	12.13					
#3	-.5238	12.87					
Errors	LC Pass	LC Pass					
High	50.00	20.00					
Low	-50.00	-20.00					
IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16635	--	--	--	--	--	--
SDev	37.44774	--	--	--	--	--	--
%RSD	.2251096	--	--	--	--	--	--
#1	16669	--	--	--	--	--	--
#2	16642	--	--	--	--	--	--
#3	16595	--	--	--	--	--	--

Method: LRI Sample Name: LCSW1-2078 Operator:
Run Time: 08/21/96 17:27:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	47.71	2140.	38.96	1936.	1950.	50.21	19790.
SDev	.08	3.	2.04	4.	4.	.09	34.
%RSD	.1683	.1433	5.248	.1995	.1853	.1726	.1709
#1	47.65	2142.	36.60	1932.	1954.	50.31	19830.
#2	47.67	2142.	40.02	1935.	1949.	50.16	19800.
#3	47.80	2137.	40.25	1940.	1947.	50.15	19760.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	2400.	48.00	2400.	2400.	60.00	24000.
Low	40.00	1600.	32.00	1600.	1600.	40.00	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	49.13	472.7	204.0	240.6	1036.	21820.	18910.
SDev	.26	.8	.4	.3	2.	33.	36.
%RSD	.5201	.1691	.1744	.1317	.1703	.1529	.1884
#1	49.42	472.9	204.4	241.0	1035.	21850.	18940.
#2	49.02	473.4	203.9	240.7	1036.	21820.	18900.
#3	48.94	471.8	203.7	240.3	1038.	21790.	18880.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	600.0	240.0	300.0	1200.	24000.	24000.
Low	40.00	400.0	160.0	200.0	800.0	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	475.4	1920.	17250.	492.1	19.16	17.49	18.04
SDev	.6	6.	38.	.7	1.31	.49	.46
%RSD	.1267	.3038	.2196	.1462	6.823	2.828	2.523
#1	476.0	1914.	17290.	491.8	20.44	17.62	18.56
#2	475.2	1926.	17220.	492.9	19.21	16.94	17.70
#3	474.8	1919.	17250.	491.6	17.82	17.90	17.88
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	600.0	2400.	24000.	600.0			24.00
Low	400.0	1600.	16000.	400.0			16.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.39	507.7	10.12	10.53	1859.	1884.	46.60
SDev	1.98	3.0	3.74	1.45	6.	3.	.62
%RSD	19.01	.5977	36.98	13.79	.3196	.1443	1.323
#1	10.60	510.7	8.762	11.51	1864.	1887.	46.49
#2	8.324	504.6	7.251	8.859	1861.	1884.	47.27
#3	H12.26	507.9	14.36	11.21	1853.	1881.	46.05
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	12.00	600.0			2400.	2400.	60.00

Low	8.000	400.0			1600.	1600.	40.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	458.5	514.0
SDev	.4	1.0
%RSD	.0919	.1971
#1	458.1	515.1
#2	458.4	513.5
#3	458.9	513.3
Errors	LC Pass	LC Pass
High	600.0	600.0
Low	400.0	400.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16728	--	--	--	--	--	--
SDev	28.51316	--	--	--	--	--	--
%RSD	.1704517	--	--	--	--	--	--
#1	16757	--	--	--	--	--	--
#2	16700	--	--	--	--	--	--
#3	16727	--	--	--	--	--	--

Low	450.0	450.0			450.0	450.0	450.0

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	492.6	478.4
SDev	11.9	12.0
%RSD	2.424	2.511
#1	486.0	468.9
#2	506.4	491.9
#3	485.4	474.4
Errors	LC Pass	LC Pass
High	550.0	550.0
Low	450.0	450.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16353	--	--	--	--	--	--
SDev	344.9672	--	--	--	--	--	--
%RSD	2.109461	--	--	--	--	--	--
#1	16552	--	--	--	--	--	--
#2	15935	--	--	--	--	--	--
#3	16553	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-7 Operator:
Run Time: 08/21/96 18:09:32
mment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.6780	185.1	-1.563	2.278	.1650	-.1122	1.970
SDev	.1015	8.9	1.160	.435	.1450	.1105	7.633
%RSD	14.96	4.808	74.21	19.11	88.49	98.52	387.4
#1	.5684	179.4	-2.232	1.863	.0318	-.2109	-4.803
#2	.7687	180.6	-2.235	2.731	.1420	-.1328	.4719
#3	.6968	195.4	-.2238	2.242	.3211	.0072	10.24
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2467	.3997	.0482	-4.045	23.53	6.001	6.967
SDev	.1899	.3565	.3971	.140	12.53	10.94	7.415
%RSD	76.95	89.19	824.1	3.450	53.25	182.3	106.4
#1	.4366	.1310	-.2519	-3.884	11.16	-4.863	-.8198
#2	.2468	.8040	-.1021	-4.132	23.23	5.849	7.778
#3	.0569	.2640	.4985	-4.119	36.21	17.02	13.94
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.0813	1.001	-33.89	-.2342	1.260	1.096	1.151
SDev	.0692	.401	31.91	.2658	.713	1.391	1.000
%RSD	85.14	40.04	94.17	113.5	56.59	126.9	86.84
#1	.0014	.5383	-11.51	-.2926	1.580	-.2426	.3649
#2	.1211	1.232	-70.43	-.4660	.4431	.9958	.8123
#3	.1215	1.233	-19.73	.0559	1.758	2.534	2.276
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	-.4760	1.697	-.9857	-.2222	.4672	.0048	2.171
SDev	2.4948	.676	4.6483	1.7260	.9391	.1784	2.128
%RSD	524.2	39.83	471.6	776.8	201.0	3733.	98.03
#1	2.294	1.021	3.403	1.739	1.532	-.1508	1.646
#2	-1.175	1.698	-.5044	-1.510	.1116	-.0345	.3541
#3	-2.547	2.373	-5.856	-.8955	-.2421	.1996	4.512
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.1771	.1243
SDev	.1519	.3983
%RSD	85.76	320.3
#1	.0017	-.3356
#2	.2644	.3524
#3	.2653	.3562

Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16726	--	--	--	--	--	--
SDev	19.65536	--	--	--	--	--	--
%RSD	.1175115	--	--	--	--	--	--
#1	16741	--	--	--	--	--	--
#2	16734	--	--	--	--	--	--
#3	16704	--	--	--	--	--	--

Method: LRI Sample Name: CRIA-1-2 Operator:
Run Time: 08/21/96 18:14:40
mment:
de: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.3996	H563.6	12.32	989.1	10.39	-.0677	433.6
SDev	.1084	4.6	3.04	5.8	.05	.0499	1.2
%RSD	27.12	.8102	24.71	.5909	.4586	73.74	.2808
#1	.4963	H560.5	11.66	982.4	10.34	-.0272	433.0
#2	.2825	H561.4	9.663	992.0	10.39	-.0524	432.8
#3	.4200	H568.8	H15.64	993.0	10.44	-.1235	435.0
Errors	NOCHECK	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass
High		520.0	15.60	1300.	13.00		520.0
Low		280.0	8.400	700.0	7.000		280.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	6.086	.6655	-.1544	-3.973	209.2	2366.	401.6
SDev	.177	.2705	.0856	.046	5.2	5.	3.0
%RSD	2.911	40.64	55.45	1.161	2.465	.1999	.7349
#1	6.261	.9360	-.2532	-3.963	204.7	2360.	398.8
#2	5.907	.6656	-.1052	-3.933	208.0	2367.	404.7
#3	6.090	.3950	-.1047	-4.024	214.8	2369.	401.3
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	7.800				260.0	2600.	520.0
Low	4.200				140.0	1400.	280.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.0695	49.97	1748.	-.1170	2.553	1.018	1.530
SDev	.0691	1.62	44.	.6286	.577	.459	.492
%RSD	99.39	3.243	2.506	537.2	22.58	45.08	32.18
#1	.1088	48.23	1697.	.0556	3.206	1.544	2.098
#2	-.0103	51.44	1775.	.4072	2.340	.7012	1.247
#3	.1099	50.24	1771.	-.8139	2.114	.8083	1.244
Errors	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High		65.00	2600.				
Low		35.00	1400.				

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.319	.9588	3.762	.0991	94.99	98.82	2.068
SDev	1.404	.7855	1.409	2.698	.25	.11	.646
%RSD	106.4	81.93	37.47	2722.	.2638	.1066	31.24
#1	2.833	1.866	2.913	2.793	95.13	98.78	2.031
#2	.0589	.5052	5.389	-2.603	95.14	98.94	2.732
#3	1.066	.5053	2.985	.1075	94.70	98.74	1.442
Errors	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK
High					130.0	130.0	

Low					70.00	70.00	

Elem	V_2924	Zn2062					
Units	PPB	PPB					
Avge	-.0014	.3402					
SDev	.2645	.6957					
%RSD	19050.	204.5					
#1	-.0025	-.3559					
#2	.2637	1.035					
#3	-.2653	.3409					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16673	--	--	--	--	--	--
SDev	34.21014	--	--	--	--	--	--
%RSD	.2051787	--	--	--	--	--	--
#1	16712	--	--	--	--	--	--
#2	16647	--	--	--	--	--	--
#3	16661	--	--	--	--	--	--

Method: LRI Sample Name: CRI-1-2 Operator:
Run Time: 08/21/96 18:19:49
nment:
ode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	22.23	176.1	18.82	3.080	.1066	9.841	22.16
SDev	.10	1.7	3.18	.933	.0559	.062	.82
%RSD	.4553	.9788	16.88	30.31	52.47	.6345	3.686
#1	22.35	175.3	22.23	3.987	.0536	9.807	21.90
#2	22.15	175.0	15.95	2.122	.1011	9.804	21.51
#3	22.20	178.1	18.26	3.130	.1651	9.913	23.08
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK
High	26.00	- -	26.00			13.00	
Low	14.00		14.00			7.000	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.36	100.3	20.23	47.44	13.18	10.11	4.730
SDev	.23	.7	.10	.04	1.73	1.49	1.067
%RSD	2.216	.6540	.5133	.0786	13.16	14.74	22.55
#1	10.09	100.9	20.26	47.46	13.17	9.807	4.109
#2	10.48	99.64	20.11	47.40	14.91	8.801	5.962
#3	10.51	100.3	20.32	47.47	11.44	11.73	4.119
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High	13.00	130.0	26.00	65.00			
Low	7.000	70.00	14.00	35.00			

Elem	Mn2576	Mo2020	Na3302	Ni2316	Z203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	30.15	1.004	-39.37	84.02	7.729	7.035	7.267
SDev	.10	.617	28.36	.45	3.094	2.095	.516
%RSD	.3317	61.41	72.04	.5404	40.03	29.78	7.094
#1	30.15	.5383	-44.84	83.57	9.541	5.243	6.674
#2	30.05	.7707	-64.59	84.48	4.156	9.338	7.613
#3	30.25	1.703	-8.672	84.00	9.490	6.525	7.513
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass
High	39.00			104.0			7.800
Low	21.00			56.00			4.200

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	12.28	132.6	12.50	12.17	-.6079	-.1069	20.42
SDev	1.14	3.0	3.94	.30	1.2919	.0665	1.60
%RSD	9.262	2.227	31.48	2.466	212.5	62.14	7.850
1	H13.54	135.0	16.71	11.95	.8246	-.0302	21.67
#2	12.00	129.3	11.90	12.05	-.9640	-.1464	20.96
#3	11.32	133.4	8.908	12.52	-1.684	-.1443	18.61
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	13.00	156.0					26.00

Low	7.000	84.00	14.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	100.5	40.27
SDev	.1	.18
%RSD	.1401	.4579
#1	100.6	40.11
#2	100.4	40.47
#3	100.6	40.24
Errors	LC Pass	LC Pass
High	130.0	52.00
Low	70.00	28.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16639	--	--	--	--	--	--
SDev	27.07397	--	--	--	--	--	--
%RSD	.1627139	--	--	--	--	--	--
#1	16658	--	--	--	--	--	--
#2	16651	--	--	--	--	--	--
#3	16608	--	--	--	--	--	--

Method: LRI Sample Name: ICSA-1-2 Operator:
Run Time: 08/21/96 18:24:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4779	468600.	-4.582	.2641	7.137	-1.144	450300.
SDev	.1511	646.	2.633	.3586	.024	.065	325.
%RSD	31.61	.1379	57.46	135.8	.3294	5.653	.0722
#1	.4732	468900.	-6.831	.4010	7.123	-1.206	450400.
#2	.3293	469100.	-5.229	.5341	7.124	-1.149	450500.
#3	.6313	467900.	-1.686	-.1428	7.164	-1.077	449900.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	10.00	600000.	10.00		200.0	5.000	600000.
Low	-10.00	400000.	-10.00		-200.0	-5.000	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.697	.1384	.4980	-9.439	188900.	-51.02	491600.
SDev	.143	.2278	.3251	.189	103.	2.30	826.
%RSD	8.410	164.5	65.27	2.006	.0543	4.510	.1680
#1	1.680	.3376	.1727	-9.269	188900.	-50.81	492300.
#2	1.848	.1876	.4985	-9.643	189000.	-48.82	491900.
#3	1.564	-.1099	.8228	-9.405	188800.	-53.41	490700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	240000.	5000.	600000.
Low	-5.000	-50.00	-10.00	-25.00	160000.	-5000.	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1.631	1.540	-458.1	3.184	-1.686	13.22	H8.258
SDev	.138	.662	29.5	.609	2.460	2.71	1.218
%RSD	8.433	43.02	6.433	19.14	145.9	20.46	14.75
#1	1.474	.7892	-430.6	3.880	-.0325	10.29	H6.852
#2	1.728	2.043	-489.2	2.748	-4.513	15.62	H8.915
#3	1.692	1.787	-454.5	2.922	-.5128	13.76	H9.006
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC High
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	-2.432	.2045	5.126	-6.207	5.884	1.550	3.101
SDev	1.730	4.749	.747	2.683	2.154	.221	5.498
%RSD	71.13	2322.	14.57	43.23	36.62	14.29	177.3
#1	-1.746	5.484	4.277	-4.753	8.211	1.806	7.485
#2	-1.151	-3.719	5.683	-4.564	3.958	1.427	4.885
#3	-4.400	-1.152	5.418	-9.303	5.482	1.418	-3.068
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Method: LRI Sample Name: ICSAB-1-2 Operator:
Run Time: 08/21/96 18:30:05
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	183.9	474000.	96.84	1.545	516.6	466.4	460500.
SDev	.3	447.	.30	.530	.4	.7	817.
%RSD	.1648	.0943	.3069	34.31	.0735	.1584	.1775
#1	183.6	473700.	96.87	2.075	516.5	465.6	459600.
#2	184.0	474500.	97.12	1.014	517.0	467.1	460800.
#3	184.2	473900.	96.52	1.546	516.3	466.5	461200.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	240.0	600000.	120.0		600.0	600.0	600000.
Low	160.0	400000.	80.00		400.0	400.0	400000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	934.9	459.0	473.7	528.7	190200.	-50.95	498600.
SDev	.8	1.4	1.8	1.3	311.	3.21	710.
%RSD	.0808	.3101	.3878	.2533	.1633	6.300	.1424
#1	934.4	457.4	471.6	528.1	189900.	-54.23	497900.
#2	935.3	459.8	474.7	530.2	190400.	-50.82	499400.
#3	934.6	459.9	474.8	527.8	190400.	-47.81	498600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1200.	600.0	600.0	600.0	240000.	5000.	600000.
Low	800.0	400.0	400.0	400.0	160000.	-5000.	400000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	479.5	3.022	-289.8	950.0	47.66	59.32	55.44
SDev	.6	.250	36.1	3.5	4.46	3.04	1.35
%RSD	.1300	8.280	12.47	.3660	9.355	5.125	2.440
#1	478.8	2.771	-281.2	946.1	52.30	55.95	54.74
#2	480.1	3.272	-329.5	952.8	47.26	61.86	57.00
#3	479.6	3.023	-258.8	951.1	43.41	60.16	54.58
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	600.0		5000.	1200.			60.00
Low	400.0		-5000.	800.0			40.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	42.89	622.8	44.76	41.96	6.346	1.529	98.63
SDev	4.13	3.6	4.82	4.06	2.760	.124	2.33
%RSD	9.623	.5812	10.76	9.667	43.50	8.136	2.363
#1	45.05	627.0	48.94	43.10	8.122	1.527	95.94
#2	45.50	621.2	45.85	45.32	7.750	1.406	99.83
#3	L38.13	620.3	39.50	37.45	3.166	1.655	100.1
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	60.00	720.0					120.0

Low	40.00	480.0	80.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	474.4	885.4
SDev	.6	2.2
%RSD	.1188	.2488
#1	474.1	882.9
#2	475.1	887.2
#3	474.1	886.0
Errors	LC Pass	LC Pass
High	600.0	1200.
Low	400.0	800.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	15579	--	--	--	--	--	--
SDev	13.07670	--	--	--	--	--	--
%RSD	.0839380	--	--	--	--	--	--
#1	15594	--	--	--	--	--	--
#2	15570	--	--	--	--	--	--
#3	15573	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-8 Operator:
Run Time: 08/21/96 13:35:14
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	485.3	48700.	495.6	508.3	501.7	475.5	49400.
SDev	.4	178.	3.3	3.2	1.4	1.2	174.
%RSD	.0791	.3654	.6689	.6255	.2804	.2514	.3518
#1	484.9	48500.	492.6	504.7	500.1	474.2	49190.
#2	485.2	48800.	499.2	510.8	502.4	475.9	49490.
#3	485.7	48810.	495.1	509.4	502.7	476.5	49500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	484.2	480.1	483.7	493.1	48620.	52930.	48120.
SDev	.7	.8	1.8	1.2	144.	79.	198.
%RSD	.1481	.1677	.3821	.2430	.2971	.1493	.4124
#1	483.5	480.8	481.9	491.7	48450.	52840.	47890.
#2	484.9	479.2	483.7	493.5	48700.	52980.	48240.
#3	484.4	480.3	485.6	494.0	48700.	52970.	48220.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	479.7	485.9	46180.	495.7	462.6	500.3	487.8
SDev	1.0	2.8	44.	.9	3.1	3.0	1.2
%RSD	.2047	.5688	.0950	.1801	.6633	.6026	.2456
#1	478.7	484.3	46140.	494.7	463.4	498.1	486.5
#2	479.9	484.3	46170.	496.5	465.2	499.2	487.9
#3	480.6	489.1	46230.	496.0	459.2	503.8	488.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	484.7	510.3	462.1	496.0	471.6	488.4	503.5
SDev	5.9	4.7	4.0	7.6	2.6	1.2	2.3
%RSD	1.218	.9177	.8573	1.528	.5435	.2390	.4574
#1	478.1	513.6	459.6	487.3	474.5	487.3	502.0
#2	486.8	512.3	460.0	500.2	469.8	488.3	505.1
#3	489.3	504.9	466.7	500.6	470.4	489.6	502.3
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Low	450.0	450.0			450.0	450.0	450.0

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	479.9	463.5
SDev	.2	1.4
%RSD	.0443	.2930
#1	480.1	462.2
#2	480.0	463.3
#3	479.7	464.9
Errors	LC Pass	LC Pass
High	550.0	550.0
Low	450.0	450.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16532	--	--	--	--	--	--
SDev	44.41096	--	--	--	--	--	--
%RSD	.2686309	--	--	--	--	--	--
#1	16581	--	--	--	--	--	--
#2	16494	--	--	--	--	--	--
#3	16522	--	--	--	--	--	--

Method: LRI Sample Name: CCB-1-8 Operator:
Run Time: 08/21/96 18:40:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.7027	199.2	-.0644	1.161	.0441	-.1542	6.122
SDev	.1332	.9	3.1537	.379	.0133	.0298	.404
%RSD	18.95	.4765	4900.	32.66	30.09	19.33	6.594
#1	.8354	199.8	2.248	1.493	.0582	-.1787	5.732
#2	.5691	199.7	1.216	1.243	.0318	-.1210	6.538
#3	.7035	198.1	-3.657	.7476	.0423	-.1629	6.096
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5.000	200.0	10.00		200.0	5.000	5000.
Low	-5.000	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1854	.3105	-.0017	-4.135	11.45	15.85	11.25
SDev	.1092	.4113	.2291	.080	4.75	.75	.94
%RSD	58.89	132.5	13130.	1.944	41.47	4.751	8.379
#1	.2481	.4000	.0480	-4.214	13.74	16.71	12.08
#2	.0593	-.1382	.1984	-4.137	14.61	15.53	11.45
#3	.2488	.6697	-.2517	-4.054	5.988	15.31	10.22
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000	50.00	10.00	25.00	100.0	5000.	5000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	.2411	1.078	-27.87	-.3505	2.678	.6079	1.298
SDev	.0003	.481	36.86	.3610	2.076	.8969	.428
%RSD	.1064	44.65	132.3	103.0	77.51	147.6	32.97
#1	.2414	1.232	-8.245	-.4660	2.952	1.147	1.748
#2	.2409	1.463	-70.39	-.6396	.4788	1.105	.8968
#3	.2411	.5383	-4.970	.0542	4.603	-.4276	1.248
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	15.00		5000.	40.00			3.000
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.078	.7929	.3122	1.460	1.651	-.1121	2.243
SDev	1.342	.4277	1.979	1.183	.411	.0674	2.800
%RSD	124.5	53.95	633.9	81.06	24.90	60.11	124.8
#1	-.3617	.3404	-1.971	.4408	1.890	-.0343	-.5815
#2	1.302	.8477	1.542	1.181	1.177	-.1509	5.017
#3	2.295	1.191	1.365	2.758	1.887	-.1510	2.292
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	5.000	60.00					10.00

Low	-5.000	-60.00 -10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	.0019	.4668
SDev	.2630	.1999
%RSD	13990.	42.83
#1	.2649	.6976
#2	-.2611	.3511
#3	.0019	.3516

Errors	LC Pass	LC Pass
High	50.00	20.00
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16741	--	--	--	--	--	--
SDev	8.386498	--	--	--	--	--	--
%RSD	.0500965	--	--	--	--	--	--
#1	16731	--	--	--	--	--	--
#2	16745	--	--	--	--	--	--
3	16746	--	--	--	--	--	--

Method: LRI Sample Name: 0827206 Operator:
Run Time: 08/21/96 17:32:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4597	3307.	28.01	216.4	55.42	.1294	88730.
SDev	.2069	9.	1.05	1.9	.20	.0325	130.
%RSD	45.01	.2622	3.761	.8818	.3590	25.08	.1463
#1	.6887	3305.	29.22	217.9	55.29	.1104	88740.
#2	.2862	3299.	27.27	217.0	55.32	.1669	88600.
#3	.4041	3316.	27.55	214.3	55.65	.1111	88860.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.1532	2.569	18.17	13.89	35720.	13070.	12600.
SDev	.1817	.286	.23	.24	52.	15.	18.
%RSD	118.6	11.15	1.278	1.756	.1444	.1158	.1405
#1	.3372	2.249	18.00	14.04	35700.	13080.	12590.
#2	.1487	2.654	18.44	13.61	35670.	13050.	12600.
#3	-.0261	2.802	18.08	14.01	35770.	13060.	12630.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	410.7	2.787	32870.	21.66	36.81	43.82	41.49
SDev	.5	.483	23.	.67	2.31	1.27	.09
%RSD	.1155	17.32	.0706	3.080	6.285	2.902	.2254
#1	410.6	3.326	32860.	20.99	34.60	45.09	41.60
#2	410.4	2.396	32890.	21.67	39.21	42.55	41.44
#3	411.3	2.640	32840.	22.32	36.64	43.83	41.43
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.080	2.744	-.0136	1.625	8.729	28.56	2.778
SDev	1.196	1.020	1.8842	.907	1.410	.57	.449
%RSD	110.7	37.18	13850.	55.82	16.16	2.001	16.16
#1	-.2027	2.630	-1.785	.5864	8.730	29.22	2.814
#2	2.163	3.817	1.966	2.261	10.14	28.26	2.312
#3	1.279	1.786	-.2224	2.027	7.318	28.19	3.207
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

w	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	40.69	53.81
SDev	.39	.39
%RSD	.9533	.7296
#1	40.63	53.62
#2	40.33	54.27
#3	41.10	53.56
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16631	--	--	--	--	--	--
SDev	51.50728	--	--	--	--	--	--
%RSD	.3097065	--	--	--	--	--	--
#1	16654	--	--	--	--	--	--
#2	16667	--	--	--	--	--	--
#3	16572	--	--	--	--	--	--

Method: LRI Sample Name: 0827207 Operator:
Time: 08/21/96 17:37:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5040	1749.	4.032	110.8	475.4	-.0360	69030.
SDev	.0983	3.	1.377	1.0	1.2	.0306	148.
%RSD	19.50	.1582	34.15	.9106	.2615	85.03	.2147
#1	.4826	1749.	5.619	111.4	474.5	-.0285	68900.
#2	.4182	1747.	3.143	109.7	474.9	-.0098	68990.
#3	.6112	1752.	3.336	111.4	476.8	-.0696	69190.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5640	1.941	5.334	3.189	29900.	6974.	6467.
SDev	.0038	.136	.255	.149	73.	22.	11.
%RSD	.6713	7.028	4.786	4.682	.2437	.3193	.1754
#1	.5684	2.077	5.181	3.073	29850.	6974.	6458.
#2	.5619	1.804	5.629	3.138	29860.	6951.	6462.
#3	.5618	1.943	5.192	3.358	29980.	6996.	6480.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	435.6	1.780	9085.	12.87	325.6	346.6	339.6
SDev	1.3	.485	69.	.48	2.7	3.9	2.2
%RSD	.2916	27.26	.7648	3.748	.8138	1.135	.6502
#1	434.6	2.167	9164.	13.16	328.4	342.5	337.8
#2	435.3	1.235	9057.	13.14	323.1	346.8	338.9
#3	437.0	1.937	9034.	12.31	325.4	350.4	342.1
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.969	1.505	.8357	2.533	13.64	29.46	.7267
SDev	1.822	.850	.8075	2.826	1.16	.80	2.147
%RSD	92.57	56.51	96.63	111.6	8.491	2.724	295.4
#1	3.008	1.508	-.0397	4.529	12.32	29.02	1.467
#2	-.1356	2.354	.9954	-.7010	14.47	30.39	-1.692
#3	3.033	.6531	1.551	3.772	14.13	28.97	2.405
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	11.27	562.8
SDev	.26	2.9
%RSD	2.288	.5229
#1	11.00	561.1
#2	11.51	561.2
#3	11.29	566.2
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16626	--	--	--	--	--	--
SDev	29.13760	--	--	--	--	--	--
%RSD	.1752532	--	--	--	--	--	--
#1	16633	--	--	--	--	--	--
#2	16651	--	--	--	--	--	--
#3	16594	--	--	--	--	--	--

Method: LRI Sample Name: 0827208 Operator:
n Time: 08/21/96 17:42:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4582	5004.	9.158	139.8	512.2	.6106	84310.
SDev	.1689	12.	.213	.6	1.3	.0653	282.
%RSD	36.86	.2451	2.328	.4222	.2588	10.69	.3345
#1	.3012	4995.	9.061	140.5	510.9	.5513	84040.
#2	.6369	5000.	9.011	139.7	512.2	.6806	84290.
#3	.4365	5018.	9.403	139.3	513.5	.6001	84600.
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.9574	5.202	11.40	99.46	32760.	11700.	9276.
SDev	.1215	.561	.23	.22	106.	24.	29.
%RSD	12.69	10.78	2.004	.2162	.3223	.2025	.3144
#1	1.097	5.653	11.15	99.35	32660.	11690.	9245.
#2	.8963	4.574	11.60	99.33	32750.	11680.	9279.
#3	.8785	5.378	11.45	99.71	32870.	11720.	9303.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	581.5	.9233	15160.	13.46	1175.	1251.	1225.
SDev	1.9	.3529	85.	.70	.	7.	5.
%RSD	.3346	38.22	.5590	5.185	.0323	.5950	.3962
#1	579.7	1.231	15110.	13.06	1175.	1242.	1220.
#2	581.2	1.000	15120.	13.06	1175.	1257.	1229.
#3	583.6	.5383	15260.	14.27	1175.	1252.	1227.
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	.4292	1.889	-.5714	.9281	9.844	44.76	3.814
SDev	1.200	1.189	.4182	1.871	.549	.58	.955
%RSD	279.4	62.92	73.19	201.6	5.579	1.286	25.04
#1	.3148	3.079	-.0998	.5211	9.963	44.69	4.416
#2	1.682	.7022	-.8974	2.969	9.245	44.22	2.713
#3	-.7089	1.886	-.7169	-.7056	10.32	45.37	4.314
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

w	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	36.28	451.7
SDev	.01	1.9
%RSD	.0312	.4152
#1	36.29	449.6
#2	36.28	452.3
#3	36.27	453.2
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16750	--	--	--	--	--	--
SDev	3.214550	--	--	--	--	--	--
%RSD	.0191910	--	--	--	--	--	--
#1	16748	--	--	--	--	--	--
#2	16749	--	--	--	--	--	--
#3	16754	--	--	--	--	--	--

Method: LRI Sample Name: 0823501TD Operator:
Run Time: 08/21/96 17:47:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.5250	149.9	-5.240	38.50	160.2	-.4963	876.2
SDev	.1809	1.9	1.995	.14	.4	.0231	2.8
%RSD	34.45	1.238	38.07	.3521	.2453	4.652	.3228
#1	.7300	150.3	L-6.286	38.36	159.9	-.4788	874.6
#2	.4574	147.8	-2.940	38.49	160.2	-.5225	874.5
#3	.3878	151.5	L-6.495	38.64	160.6	-.4876	879.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.	100000.	100000.	10000.	500000.
Low	-5.000	-200.0	-6.000	-500.0	-5.000	-5.000	-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	.2730	-.7524	.4477	-4.797	94920.	627.3	162.7
SDev	.2150	.2728	.1759	.171	63.	1.1	.8
%RSD	78.74	36.26	39.30	3.560	.0669	.1772	.4624
#1	.0248	-1.025	.3461	-4.627	94860.	627.3	161.8
#2	.3975	-.4790	.6509	-4.968	94930.	626.1	163.1
#3	.3966	-.7534	.3461	-4.795	94980.	628.3	163.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-3.000	-10.00	-10.00	-25.00	-100.0	-1000.	-200.0

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	1200.	-.0876	123800.	2.884	5.099	5.686	5.491
SDev	.	.1356	199.	.352	.821	1.470	1.208
%RSD	.0356	154.8	.1611	12.22	16.10	25.86	22.00
#1	1200.	-.1657	124000.	2.531	6.014	6.709	6.478
#2	1200.	.0690	123600.	3.235	4.428	4.001	4.144
#3	1200.	-.1660	123900.	2.885	4.854	6.348	5.851
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.	20000.	400000.	50000.			10000.
Low	-5.000	-25.00	-1000.	-20.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	2.090	.4021	-2.457	4.359	3.121	.4502	4.914
SDev	1.095	1.053	2.563	1.161	1.104	.1181	1.421
%RSD	52.40	261.8	104.3	26.63	35.37	26.22	28.91
#1	3.266	.6334	.2625	4.765	1.916	.3323	6.411
#2	1.903	-.7470	-4.827	5.262	4.083	.4500	3.583
#3	1.100	1.320	-2.806	3.050	3.364	.5684	4.749
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	10000.	50000.			50000.	50000.	20000.

Low	-5.000	-10.00		-50.00	-50.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	-.6552	53.88
SDev	.2653	.54
%RSD	40.48	1.000
#1	-.9199	54.34
#2	-.3894	53.29
#3	-.6565	54.01
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-5.000	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16487	--	--	--	--	--	--
SDev	4.618802	--	--	--	--	--	--
%RSD	.0280143	--	--	--	--	--	--
#1	16490	--	--	--	--	--	--
#2	16490	--	--	--	--	--	--
#3	16482	--	--	--	--	--	--

Method: LRI Sample Name: LCSS1-2061 Operator:
Run Time: 08/21/96 17:54:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	48.18	2237.	39.02	1940.	2000.	50.01	20020.
SDev	.21	10.	4.94	1.	10.	.11	91.
%RSD	.4355	.4374	12.66	.0343	.4801	.2237	.4535
#1	48.25	2248.	33.54	1939.	2012.	50.13	20120.
#2	48.34	2231.	40.39	1940.	1995.	49.92	19970.
#3	47.94	2231.	43.14	1940.	1995.	49.98	19960.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	2400.	48.00	2400.	2400.	60.00	24000.
Low	40.00	1600.	32.00	1600.	1600.	40.00	16000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	49.85	478.1	208.4	248.5	1022.	22580.	19030.
SDev	.44	2.6	1.3	1.7	12.	82.	91.
%RSD	.8832	.5376	.6140	.6654	1.201	.3649	.4800
#1	50.33	481.0	209.7	250.4	1036.	22680.	19140.
#2	49.46	476.2	208.4	247.8	1014.	22530.	18980.
#3	49.75	477.2	207.1	247.3	1017.	22540.	18980.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	60.00	600.0	240.0	300.0	1200.	24000.	24000.
Low	40.00	400.0	160.0	200.0	800.0	16000.	16000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	483.2	1986.	17690.	497.0	24.59	17.44	19.82
SDev	2.3	7.	143.	1.8	2.23	.74	.39
%RSD	.4742	.3773	.8112	.3642	9.081	4.250	1.944
#1	485.8	1995.	17850.	499.1	27.15	16.74	20.21
#2	482.1	1982.	17600.	496.3	23.03	18.22	19.82
#3	481.5	1982.	17600.	495.7	23.59	17.37	19.44
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	600.0	2400.	24000.	600.0			24.00
Low	400.0	1600.	16000.	400.0			16.00

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	T11908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	10.50	504.4	2.592	14.44	1904.	2014.	41.41
SDev	1.18	2.8	1.001	2.11	7.	10.	3.14
%RSD	11.28	.5527	38.60	14.64	.3596	.5072	7.580
#1	10.42	505.0	3.555	13.84	1912.	2026.	40.62
#2	9.354	506.9	2.664	12.69	1902.	2008.	44.87
#3	11.72	501.4	1.558	16.79	1898.	2008.	L38.75
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	12.00	600.0			2400.	2400.	60.00

>w	8.000	400.0		1600.	1600.	40.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	468.1	498.9
SDev	2.4	1.3
%RSD	.5045	.2577
#1	470.8	500.4
#2	466.7	497.9
#3	466.7	498.5
Errors	LC Pass	LC Pass
High	600.0	600.0
Low	400.0	400.0

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	16217	--	--	--	--	--	--
SDev	117.5854	--	--	--	--	--	--
%RSD	.7250900	--	--	--	--	--	--
#1	16082	--	--	--	--	--	--
#2	16299	--	--	--	--	--	--
#3	16269	--	--	--	--	--	--

Method: LRI Sample Name: 0827201 Operator:
Run Time: 08/21/96 17:59:14 5X.
Comment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.084	82280.	236.9	108.4	581.2	5.180	22910.
SDev	.153	100.	1.0	2.0	.8	.095	18.
%RSD	14.15	.1221	.4378	1.883	.1340	1.839	.0807
#1	1.071	82340.	236.7	110.6	580.3	5.234	22920.
#2	.9379	82340.	236.0	107.9	581.7	5.237	22880.
#3	1.244	82170.	238.1	106.7	581.7	5.070	22920.
Errors	LC Pass	LC_Pass	LC Pass	NOCHECK	LC Pass	LC Pass	LC Pass
High	5000.	400000.	10000.		100000.	10000.	500000.
Low	-10.00	-200.0	-10.00		-200.0	-5.000	-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	1.074	33.69	393.5	171.7	308200.	14470.	8760.
SDev	.313	.83	.4	.2	201.	24.	4.
%RSD	29.13	2.450	.1005	.1425	.0651	.1671	.0430
#1	1.342	34.57	393.8	171.6	308200.	14470.	8764.
#2	1.151	32.93	393.0	172.0	308000.	14500.	8760.
#3	.7302	33.57	393.7	171.5	308400.	14450.	8756.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	50000.	50000.	50000.	500000.	200000.	500000.
Low	-5.000	-50.00	-10.00	-25.00	-100.0	-5000.	-5000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	399.7	17.63	1764.	80.18	364.2	403.7	390.5
SDev	.3	.20	43.	.46	1.0	3.5	2.1
%RSD	.0664	1.113	2.437	.5694	.2661	.8790	.5302
#1	399.9	17.79	1804.	79.96	364.7	400.6	388.6
#2	399.4	17.41	1768.	80.70	364.8	402.9	390.2
#3	399.8	17.69	1719.	79.87	363.1	407.5	392.7
Errors	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	20000.		400000.	50000.			10000.
Low	-15.00		-5000.	-40.00			-3.000

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	4.948	-2.981	-1.787	8.310	20.68	213.2	17.10
SDev	2.420	2.504	4.540	2.062	1.64	.2	1.13
%RSD	48.91	84.00	254.0	24.82	7.914	.0901	6.615
#1	2.503	-1.102	-7.025	7.259	20.63	213.2	16.06
#2	7.342	-2.018	.6428	10.69	22.35	213.4	18.30
#3	4.999	-5.825	1.021	6.984	19.08	213.0	16.93
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	10000.	50000.					20000.

Low	-5.000	-60.00	-10.00

Elem	V_2924	Zn2062
Units	PPB	PPB
Avge	505.5	304.1
SDev	.7	.7
%RSD	.1480	.2181
#1	506.3	303.4
#2	505.0	304.1
#3	505.0	304.7
Errors	LC Pass	LC Pass
High	20000.	20000.
Low	-50.00	-20.00

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	17885	--	--	--	--	--	--
SDev	52.58062	--	--	--	--	--	--
%RSD	.3498990	--	--	--	--	--	--
#1	17946	--	--	--	--	--	--
#2	17889	--	--	--	--	--	--
#3	17821	--	--	--	--	--	--

Method: LRI Sample Name: CCV-1-7 Operator:
n Time: 08/21/96 18:04:23
mment:
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	495.7	49580.	505.9	504.6	507.8	487.9	50630.
SDev	10.6	1218.	11.1	11.2	12.1	11.6	1271.
%RSD	2.133	2.457	2.193	2.228	2.384	2.375	2.511
#1	489.5	48920.	502.0	499.0	501.0	480.4	49790.
#2	507.9	50990.	518.5	517.6	521.8	501.2	52090.
#3	489.6	48840.	497.4	497.3	500.6	482.1	50010.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	55000.	550.0	550.0	550.0	550.0	55000.
Low	450.0	45000.	450.0	450.0	450.0	450.0	45000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	PPB	PPB	PPB	PPB	PPB	PPB	PPB
Avge	496.1	492.0	494.7	501.4	49860.	53510.	49330.
SDev	11.4	12.1	12.0	12.1	1232.	1037.	1190.
%RSD	2.302	2.459	2.418	2.413	2.471	1.938	2.411
#1	488.4	485.1	487.1	495.1	49060.	53030.	48660.
#2	509.2	505.9	508.5	515.3	51280.	54700.	50700.
3	490.7	484.8	488.5	493.7	49240.	52800.	48630.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	550.0	550.0	550.0	550.0	55000.	55000.	55000.
Low	450.0	450.0	450.0	450.0	45000.	45000.	45000.

Elem	Mn2576	Mo2020	Na3302	Ni2316	2203-1	2203-2	Pb2203
Units	PPB	PPB	PPB	PPB	PPB	PPB	
Avge	491.5	499.3	46740.	506.9	474.6	507.2	496.4
SDev	11.9	12.3	1003.	12.4	11.4	12.7	11.9
%RSD	2.431	2.467	2.145	2.448	2.405	2.496	2.398
#1	484.0	492.6	46300.	500.3	471.6	497.3	488.7
#2	505.2	513.5	47890.	521.3	487.3	521.5	510.1
#3	485.2	491.7	46030.	499.2	465.0	502.8	490.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass
High	550.0	550.0	50000.	550.0			550.0
Low	450.0	450.0	45000.	450.0			450.0

Elem	Se1960	Sb2068	1960-1	1960-2	Sn1899	Ti3372	Tl1908
Units		PPB	PPB	PPB	PPB	PPB	PPB
Avge	495.7	520.9	476.2	505.5	486.2	498.7	507.9
SDev	18.4	10.9	13.3	21.3	8.0	12.4	10.7
%RSD	3.716	2.094	2.796	4.222	1.646	2.487	2.114
#1	480.7	512.6	469.0	486.6	482.6	491.4	498.8
#2	516.3	533.3	491.5	528.6	495.4	513.0	519.7
#3	490.2	517.0	468.0	501.2	480.7	491.6	505.2
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	550.0	550.0			550.0	550.0	550.0

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/7/96

Shift:

Instrument No.: TJA 1000

Batch No.: 2029, 2043, 2042

Raw Data W/: 2042

Analyst: VD

Supervisor:

Prep Date: 8/6/96

Prep Time

Start: 7:00 PM

End: 9:00 PM

Water Bath: 95°C T, OC

RUN LOG

Parameter: Mercury

Matrix: Liquids/Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
	ICV - 1				4.149		TV = 4.0 ppb %R = 103.725%
	ICB - 1				0.089		
	CCV-1-1				4.079		TV = 4.0 ppb %R = 101.98%
	CCB-1-1				0.704		
1	CRA - 1				0.1964		TV = 0.2 ppb %R = 98.20
2	PB W		1D		0.0223		
3	LCS W		1D		4.205		TV = 4.0 ppb %R = 105.125
4	LCSWD		1D		4.178		TV = 4.0 ppb %R = 104.45
5	T607383-1	2029	1D		0.063		
6	T607367-1	2023	1D		0.0514		
7	T607266-6	2018	1D		0.0466		
8	T607110-5	2020	1D		0.0218		
9	—	—	—		—		
10	—	—	—		—		
	CCV-1-2				3.783		TV = 4.0 ppb %R = 94.58%
	CCB-1-2				0.656		

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/7/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	PBW	2042 2043	1D		0.0629		
2	LCSW	"	1D		1.050		Submitted for Reanalysis
3	T607239-4	"	1D		0.0161		
4	T607239-4D	"	1D		0.0366		
5	T607239-4MS	"	1D		1.021		TV=1.0PPb %R=102.1
6	T607239-8	"	1D		0.0545		
7	T607239-13	"	1D		0.444		
8	T607354-1	2043	1D		0.0565		
9	T607354-1D	"	1D		0.0408		
10	T607354-1MS	"	1D		0.0192		CCV-failed (low)
	CCV-1-3				4.260		TV= 4.0 ppb %R= 106.50%
	CCB-1-3				0.0462		
1	T607354-2	2043	1D		0.0509		
2	T607354-3	"	1D		0.0528		
3	T607354-4	"	1D		0.0475		
4	T607354-5	"	1D		0.0521		
5	T607354-6	"	1D		0.0496		
6	T607354-7	"	1D		0.0523		
7	T607354-8	"	1D		0.0681		
8	T607354-9	"	1D		0.0513		
9	T607354-10	"	1D		0.0727		
10	T607354-11	"	1D		0.0384		
	CCV-1-4				4.179		TV= 4.0 ppb %R= 104.48%
	CCB-1-4				0.0792		

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/7/96 Analyst: JD

RUN LOG

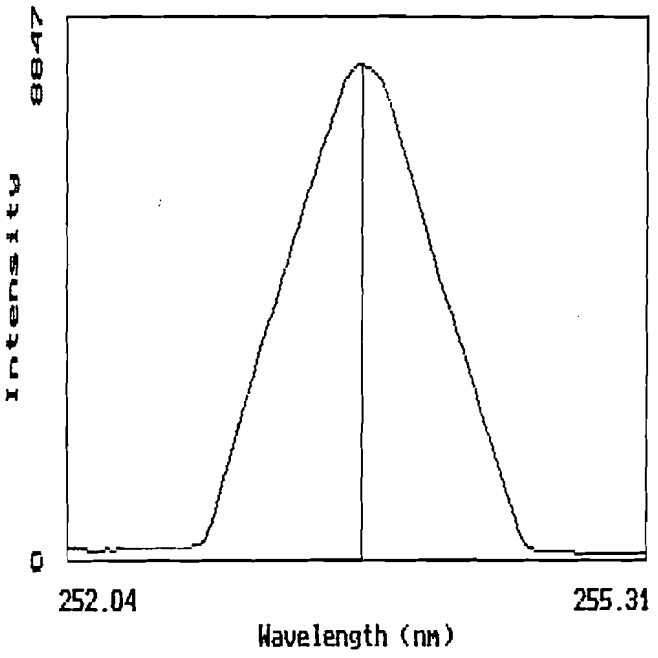
Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	T607354-12	2043	1D		0.0586		
2	T607354-13	11	1D		0.0565		
3	T607354-14	11	1D		0.0440		
4	T607354-15	11	1D		0.0557		
5	T607354-16	11	1D		0.0629		
6	T607354-17	11	1D				
7	—	—	—		—		
8	—	—	—		—		
9	—	—	—		—		
10	—	—	—		—		
	CCV-1-5				4.288		TV = 4.0 ppb %R = 107.20%
	CCB-1-5				0.0836		
1	IDL ippb				1.087		
2	IDL				1.152		
3	IDL				1.119		
4	IDL				1.059		
5	IDL				1.097		
6	IDL				1.082		
7	IDL				1.126		
8	IDL						
9	—				—		
10	—				—		
	CCV-1-6				4.180		TV = 4.0 ppb %R = 104.50%
	CCB-1-6				0.0150		

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



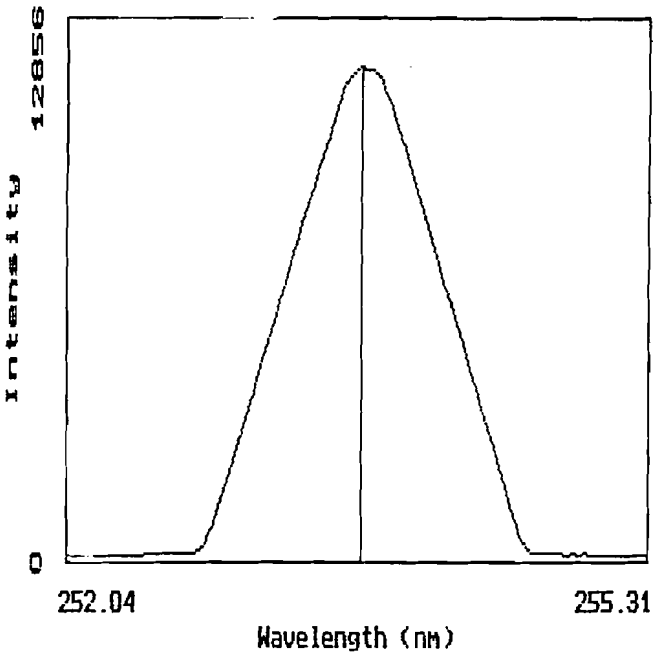
Peak Offset: None

Wavelength : 253.70
Intensity : 8043

Inst Offset: -3
D/A Number : 26742

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

Wavelength : 253.70
Intensity : 11687

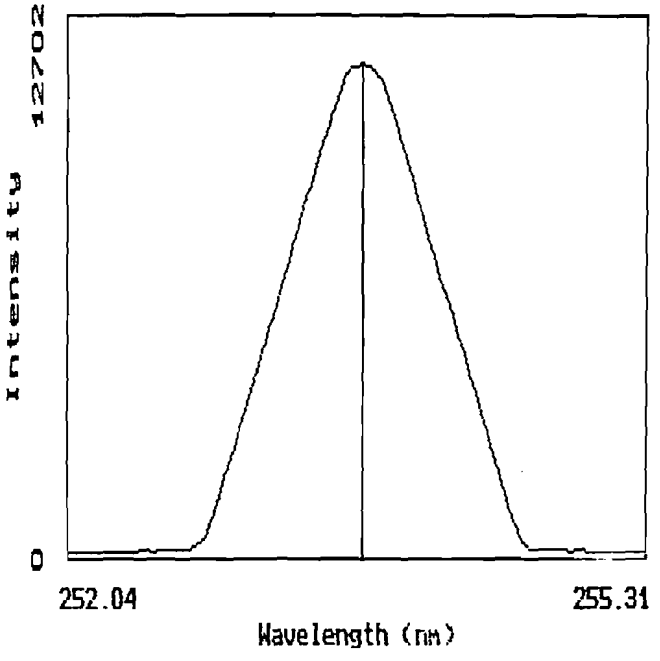
Inst Offset: -3
D/A Number : 26742

ANALYST SIGNATURE: Mercedes Lemus

SUPERVISOR SIGNATURE:

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



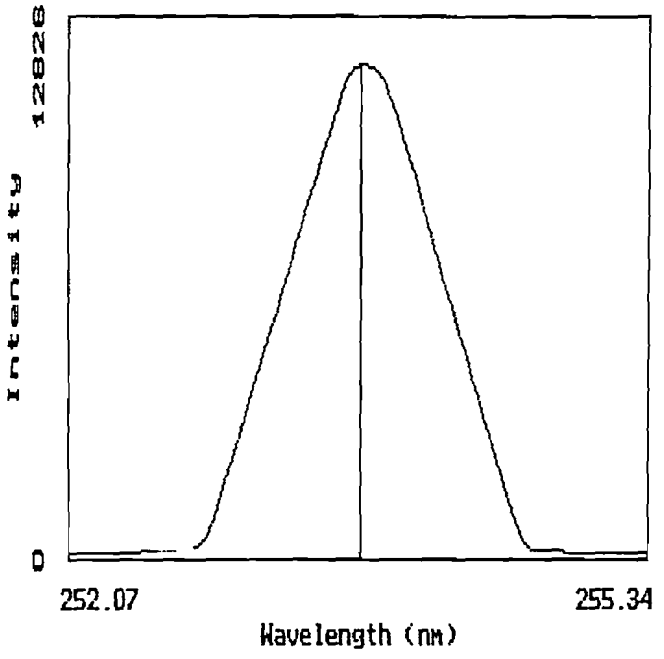
Peak Offset: None

Wavelength : 253.70
Intensity : 11547

Inst Offset: -3
D/A Number : 26742

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



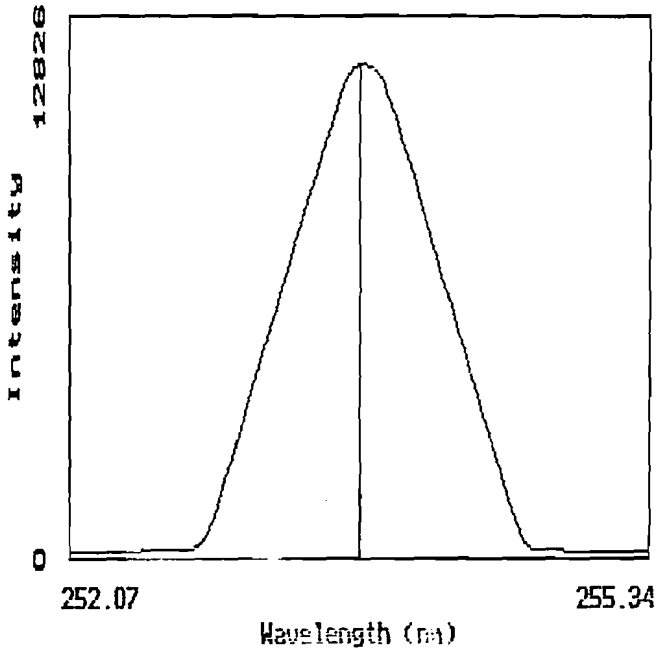
Peak Offset: None

Wavelength : 253.70
Intensity : 11660

Inst Offset: 0
D/A Number : 26745

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



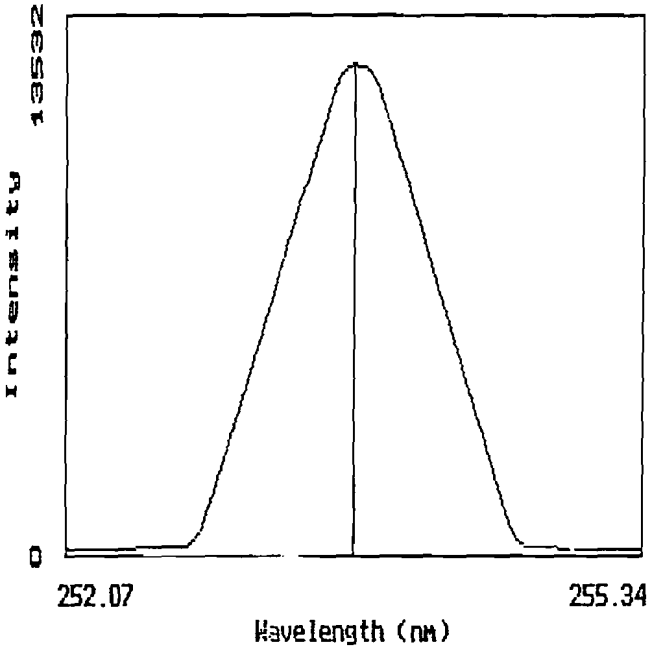
Peak Offset: None

Wavelength : 253.70
Intensity : 11660

Inst Offset: 0
D/A Number : 26745

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



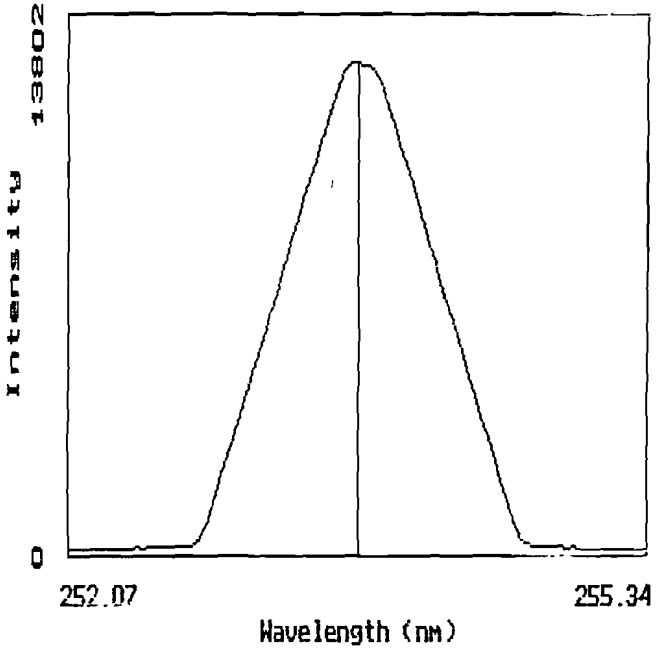
Peak Offset: None

Wavelength : 253.70
Intensity : 12302

Inst Offset: 0
D/A Number : 26745

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



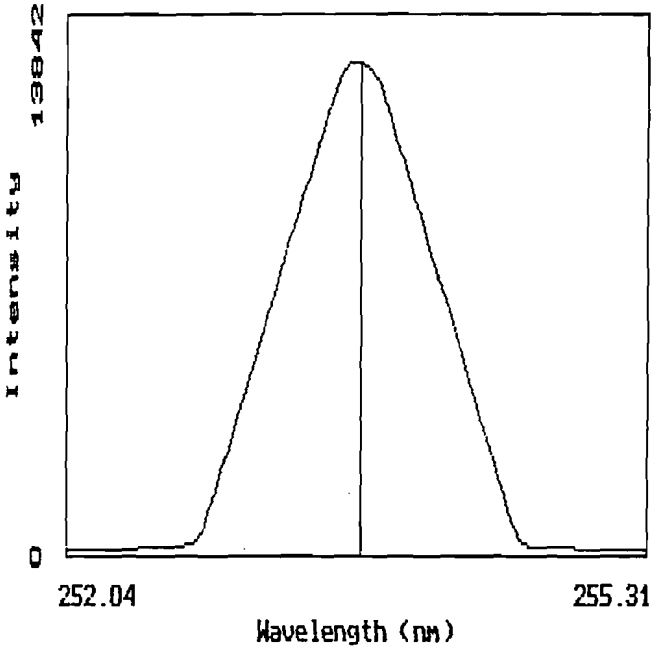
Peak Offset: None

Wavelength : 253.70
Intensity : 12547

Inst Offset: 0
D/A Number : 26745

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



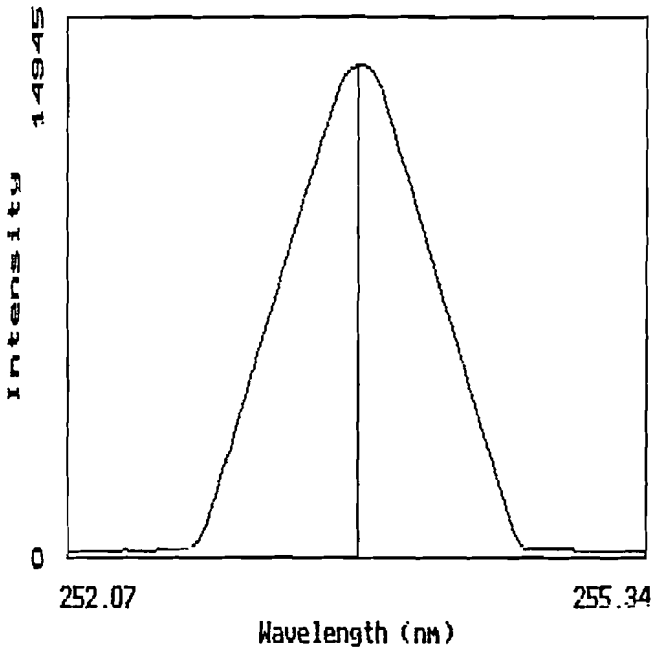
Peak Offset: None

Wavelength : 253.70
Intensity : 12584

Inst Offset: -3
D/A Number : 26742

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



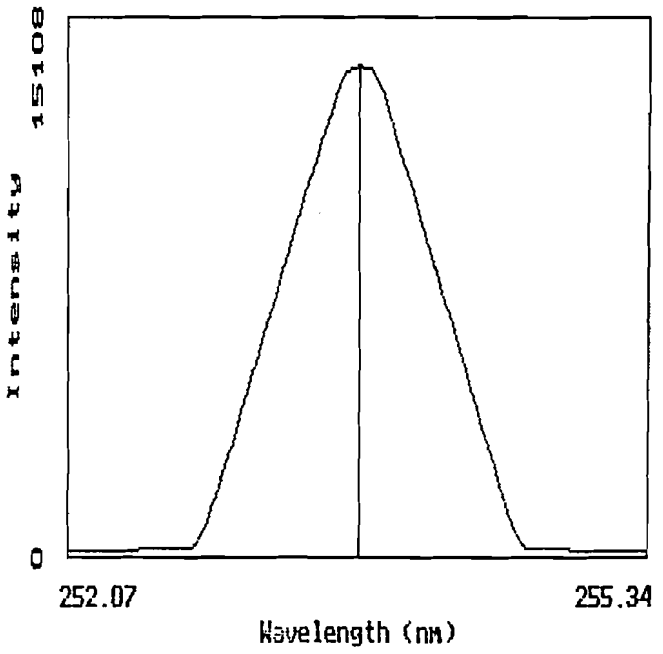
Peak Offset: None

Wavelength : 253.70
Intensity : 13586

Inst Offset: 0
D/A Number : 26745

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

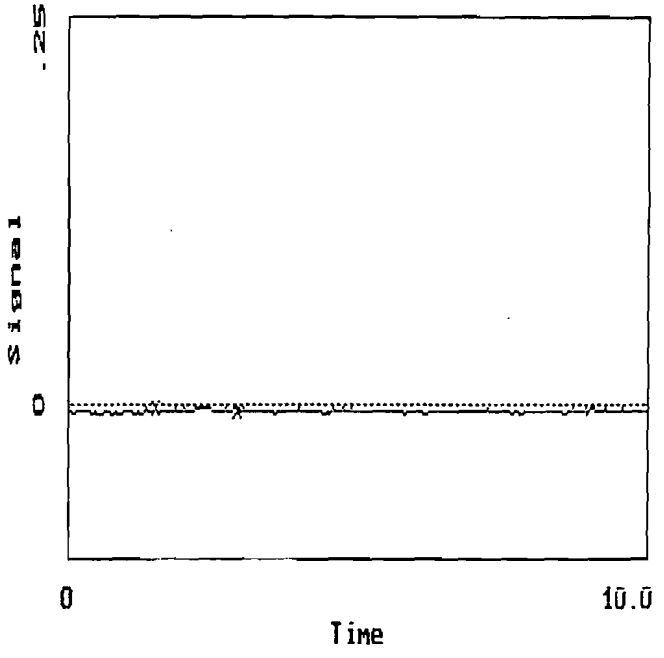
Wavelength : 253.70
Intensity : 13735

Inst Offset: 0
D/A Number : 26745

Method: HG Standard: BlankSTD 08/07/96 10:29

xHg

#1 -.0026



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 08-07-96 10:31:39 AM page 1

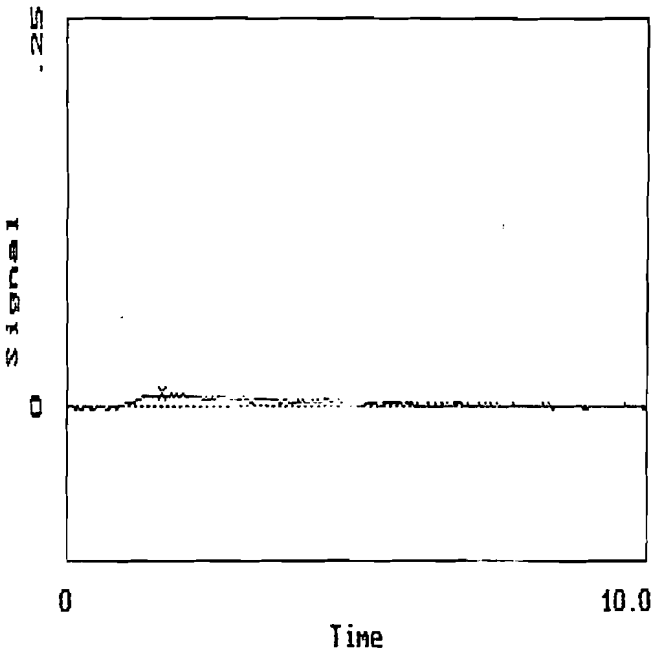
Method: HG Standard: BlankSTD Date: 08/07/96 10:29

Elem	Hg
Avge	-.0026

Method: HG Standard: std1 08/07/96 10:33

xHg

#1 .0083



Corrected ———

Uncorrected - - - - -

Standardization Rpt. Wed 08-07-96 10:35:42 AM page 1

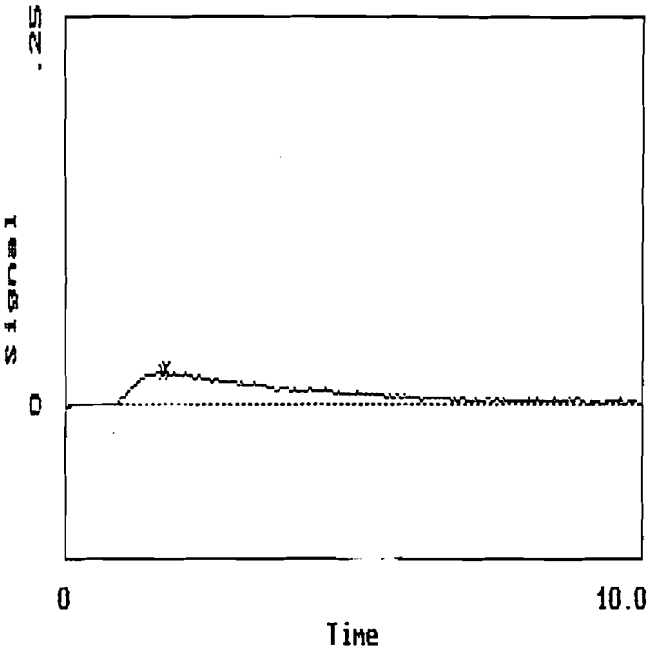
Method: HG Standard: std1 Date: 08/07/96 10:33

Elem	Hg
Avge	.0083

Method: HG Standard: std2 08/07/96 10:37

xHg

#1 .0205



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 08-07-96 10:39:50 AM page 1

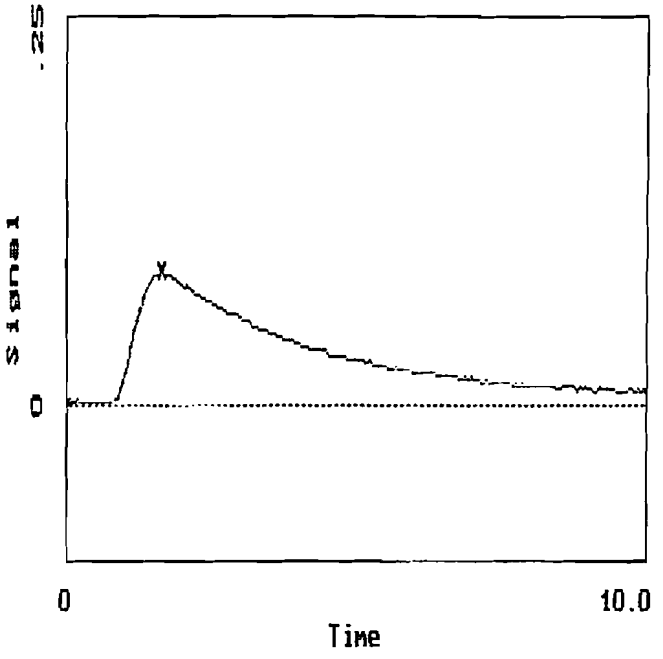
Method: HG Standard: std2 Date: 08/07/96 10:37

Elem	Hg
Avge	.0205

Method: HG Standard: std3 08/07/96 10:41

xHg

#1 .0833



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 08-07-96 10:44:10 AM page 1

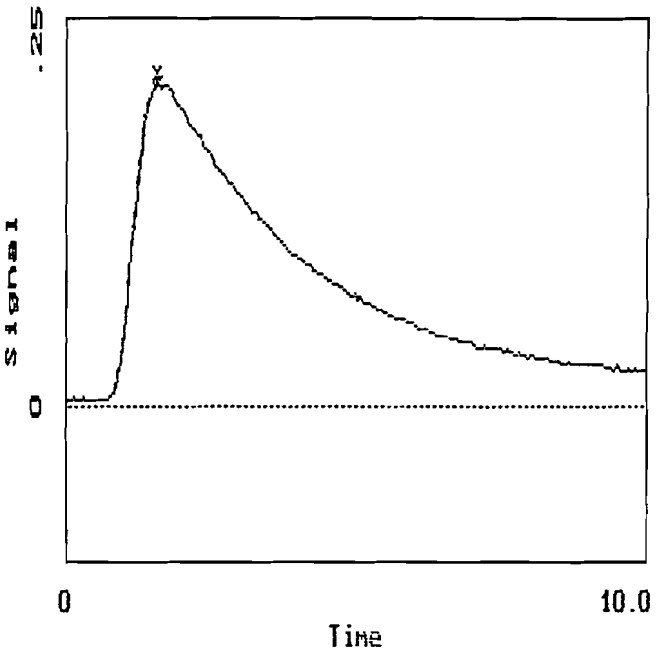
Method: HG Standard: std3 Date: 08/07/96 10:41

Elem	Hg
Avge	.0833

Method: HG Standard: std4 08/07/96 10:46

xHg

#1 .2057



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 08-07-96 10:43:21 AM page 1

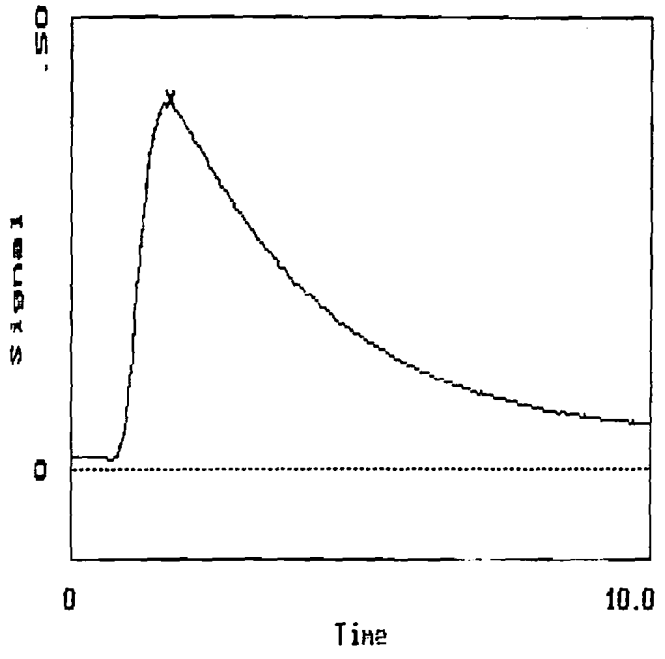
Method: HG Standard: std4 Date: 08/07/96 10:46

Elem	Hg
Avge	.2067

Method: HG Standard: std5 08/07/96 10:50

xHg

#1 .4825



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Wed 08-07-96 10:52:21 AM page 1

Method: HG Standard: std5 Date: 08/07/96 10:50

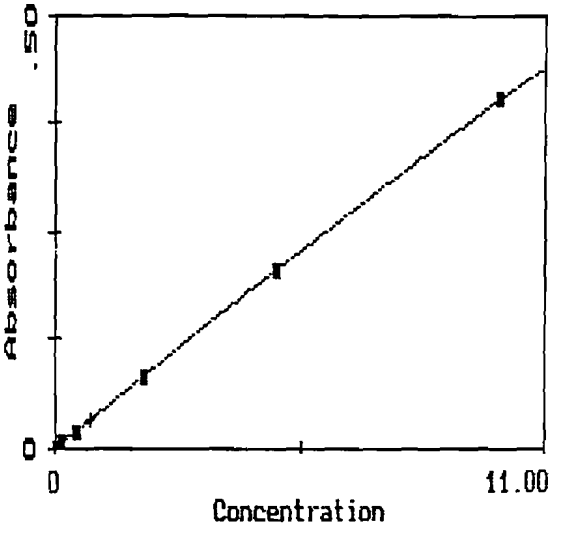
Elem	Hg
Avge	.4025

Method: HG Element: Hg Wavelength: 253.70 Element 1 of 1

Correlation Coefficient: .999893
Conc. Correlation: .999999

Coefficients
a1 = .041407 Abs : .0333
a2 = .0001 Conc : .00292
a3 = -.000022

Fit Cubic



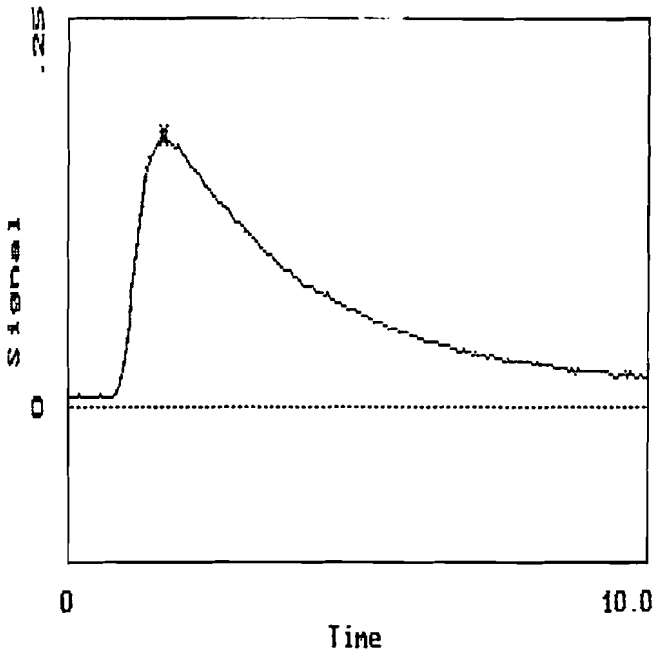
Date: 7 Aug 96 10:50
Slope corr.: 1

Standard:	BlankSTD	std1	std2	std3	std4	std5
Absorbance:	0.0000	.008348	.02051	.083366	.206708	.402549
Known conc.:	0	.2	.5	2	5	10
Calc. conc.:	0.0000	.201511	.494788	2.00637	4.99674	10.0005
Residual:	0.0000	.001511	-.005212	.006369	-.003257	.000546

HG Unk Conc F:1 SN:ICV-1 08/07/96 10:54:53

xHg

#1 4.149



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 10:57:12 AM page 1

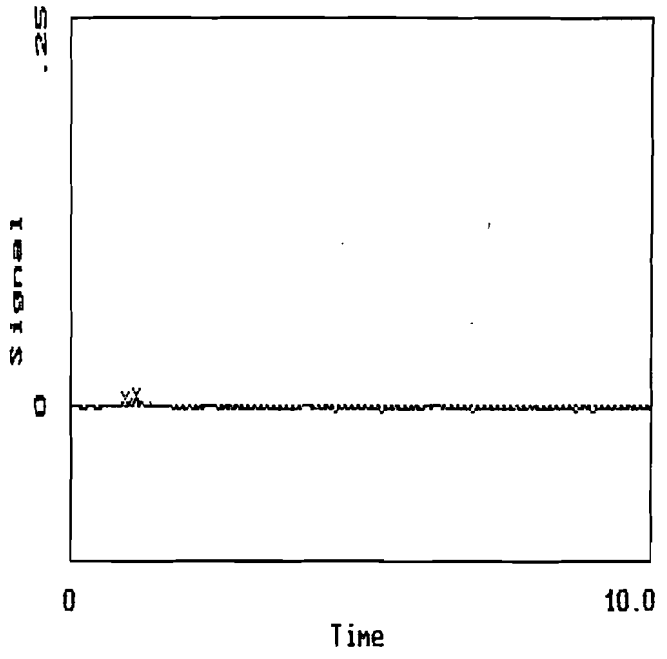
Method: HG Sample Name: ICV-1 Operator: VD
Run Time: 08/07/96 10:54:53
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.149

HC Unk Conc F:1 SN:ICB-1 08/07/96 10:59:40

xHg

#1 .0879



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:02:00 AM page 1

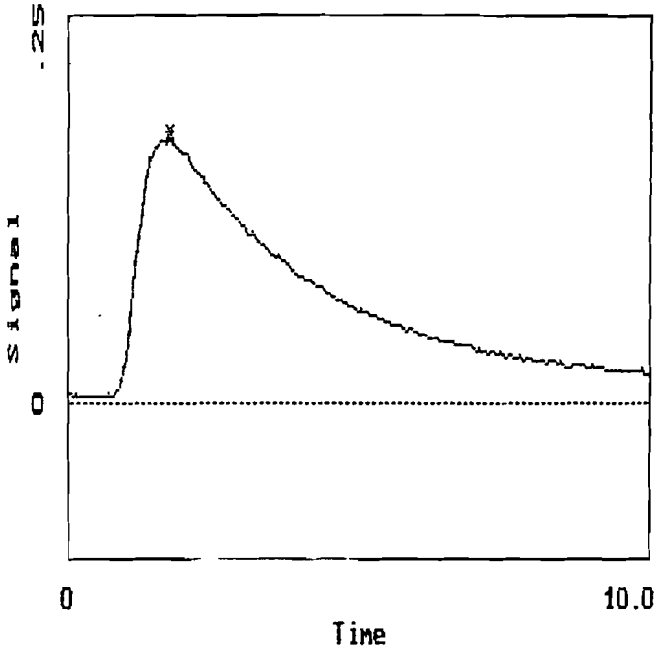
Method: HG Sample Name: ICB-1 Operator: VD
Run Time: 08/07/96 10:59:40
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0879

HG Unk Conc F:1 SN:CCV-1-1 08/07/96 11:05:14

xHg

#1 4.079



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:07:34 AM page 1

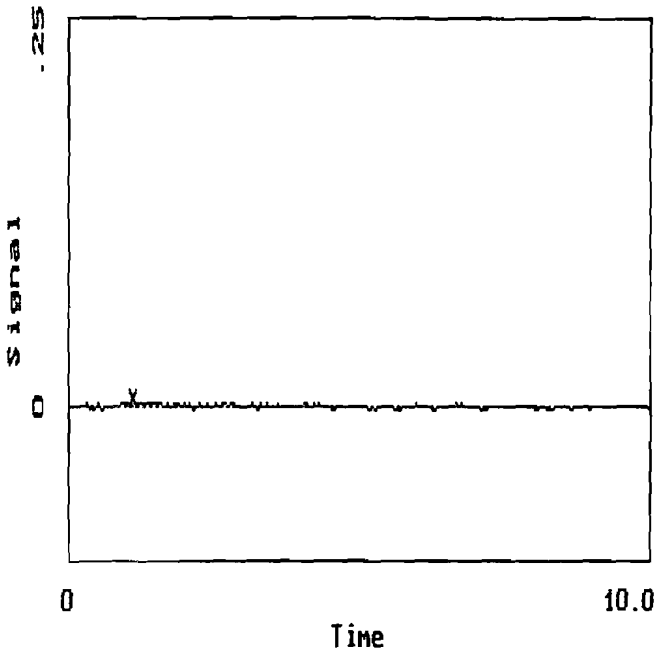
Method: HG Sample Name: CCV-1-1 Operator: VD
Run Time: 08/07/96 11:05:14
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.079

HG Unk Conc F:1 SN:CCB-1-1 08/07/96 11:11:20

xHg

#1 .0704



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:13:40 AM page 1

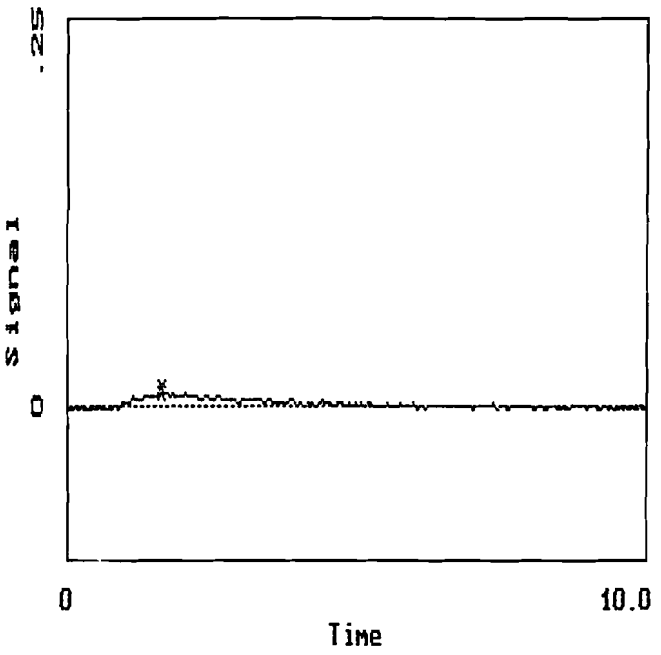
Method: HG Sample Name: CCB-1-1 Operator: VD
Run Time: 08/07/96 11:11:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0704

HG Unk Conc F:1 SN:CRA-1 08/07/96 11:17:25

xHg

#1 .1964



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:19:45 AM page 1

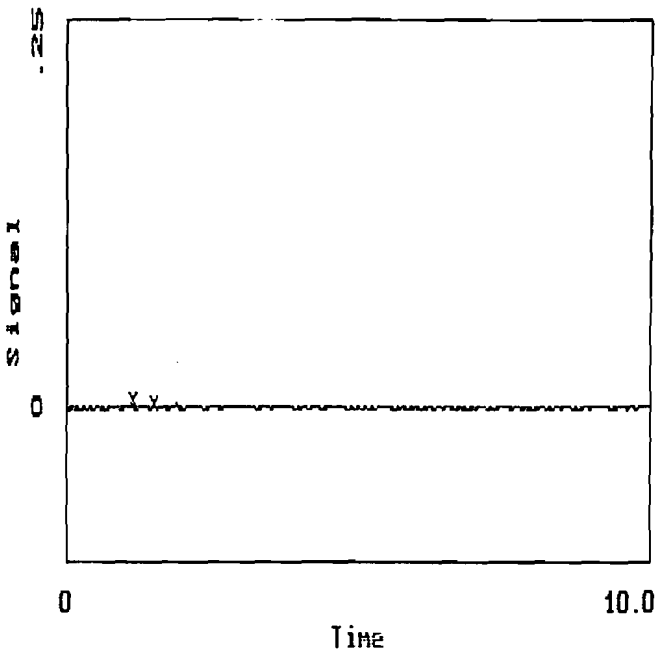
Method: HG Sample Name: CRA-1 Operator: VD
Run Time: 08/07/96 11:17:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1964

HC Unk Conc F:1 SN:PBW-2029 08/07/96 11:22:05

xHg

#1 .0233



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:24:25 AM page 1

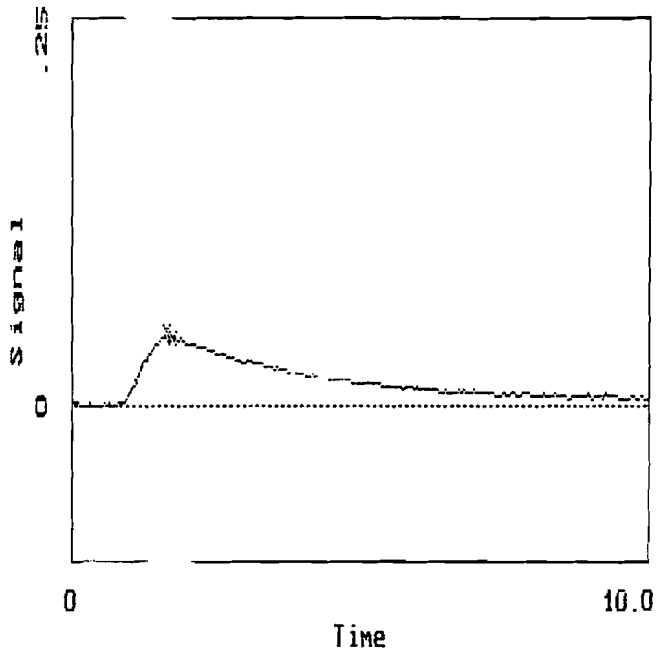
Method: HG Sample Name: PBW-2029 Operator: VD
Run Time: 08/07/96 11:22:05
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0233

HG Unk Conc F:1 SN:LCSW-2029 08/07/96 11:29:16

xHg

#1 1.033



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:31:36 AM page 1

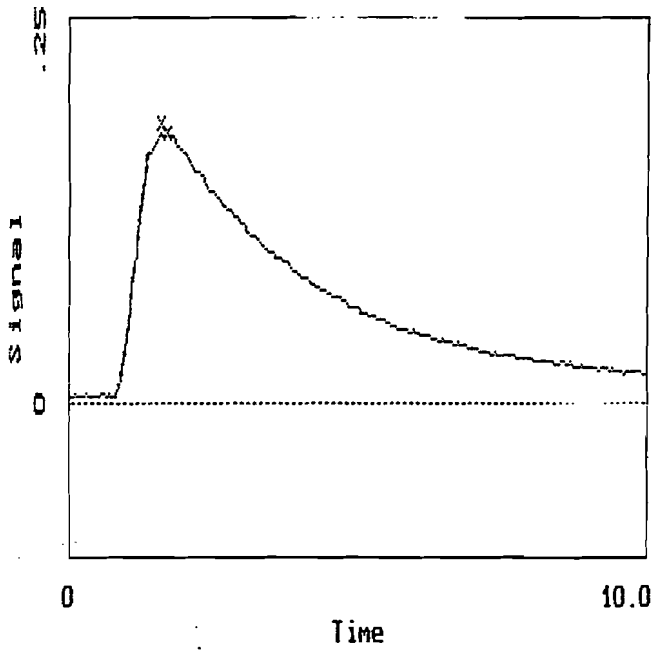
Method: HG Sample Name: LCSW-2029 Operator: VD
Run Time: 08/07/96 11:29:16
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.033

HG Unk Conc F:1 SN:LCSW-2029 08/07/96 11:41:51

xHg

#1 4.205



Corrected ——————
Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:44:11 AM page 1

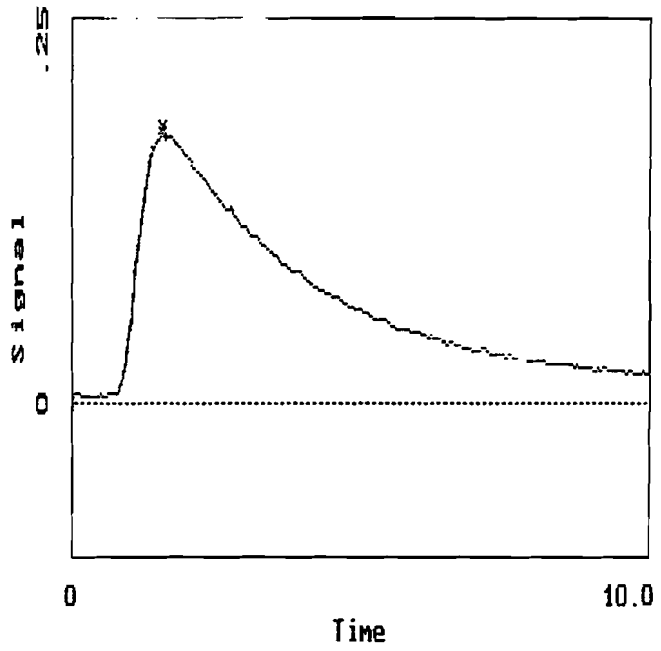
Method: HG Sample Name: LCSW-2029 Operator: VD
Run Time: 08/07/96 11:41:51
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.205

HG Unk Conc F:1 SN:LCSWD-2029 08/07/96 11:46:01

xHg

#1 4.178



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:48:21 AM page 1

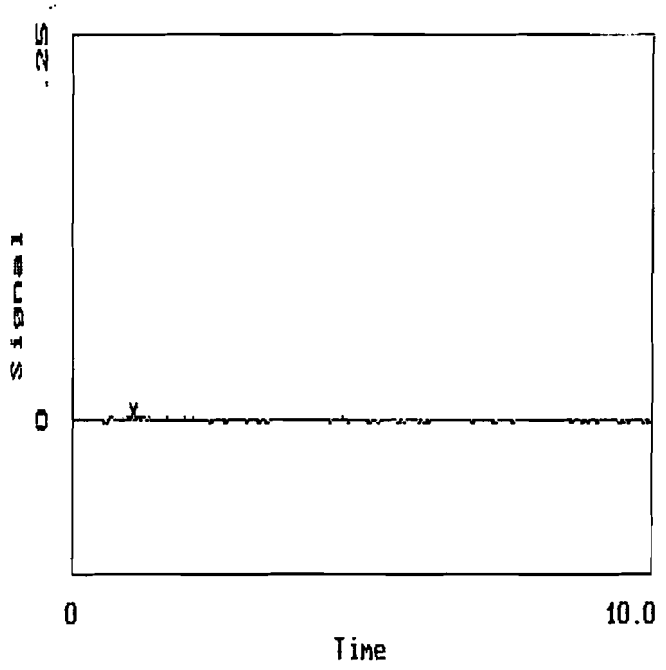
Method: HG Sample Name: LCSWD-2029 Operator: VD
Run Time: 08/07/96 11:46:01
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.178

HC Unk Conc F:1 SN:T607383-1 08/07/96 11:51:29

xHg

#1 .0613



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:53:49 AM page 1

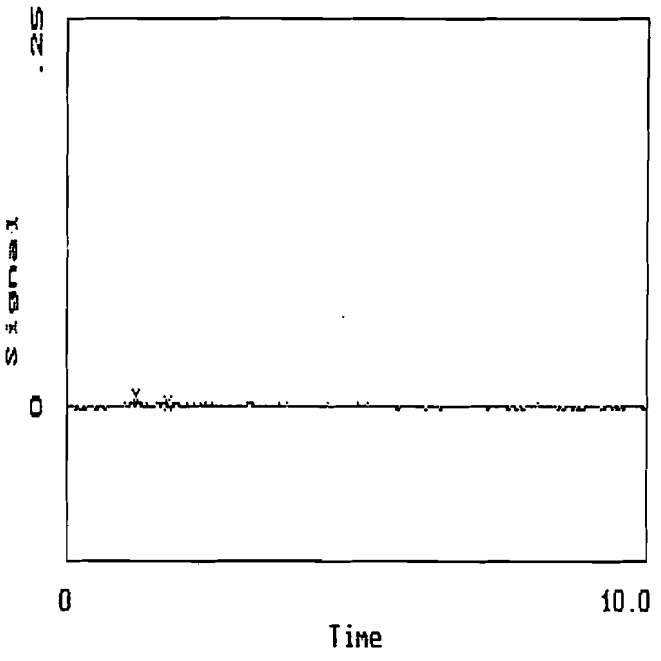
Method: HG Sample Name: T607383-1 Operator: VD
Run Time: 08/07/96 11:51:29
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0613

HC Unk Conc F:1 SN:T607367-1 08/07/96 11:55:37

xHg

#1 .0514



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 11:57:56 AM page 1

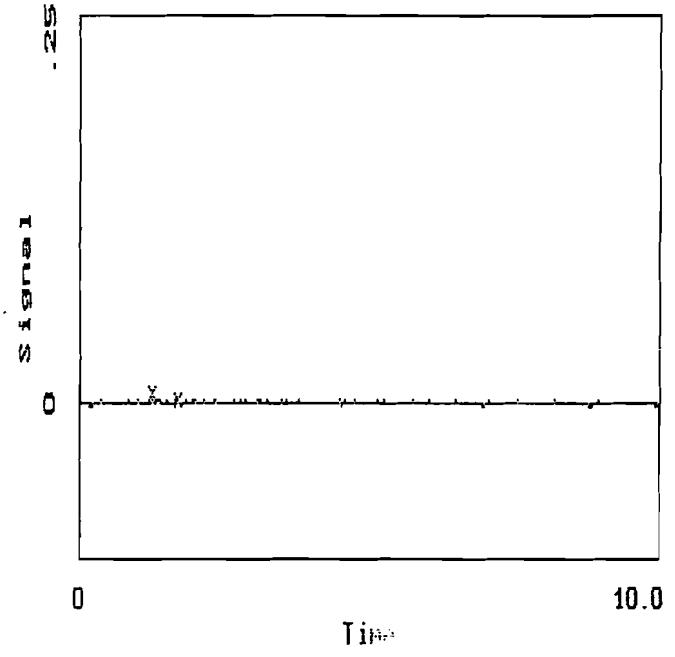
Method: HG Sample Name: T607367-1 Operator: VD
Run Time: 08/07/96 11:55:37
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0514

HG Unk Conc F:1 SN:TG07266-6 08/07/96 12:02:15

xHg

#1 .2466



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 12:04:35 PM page 1

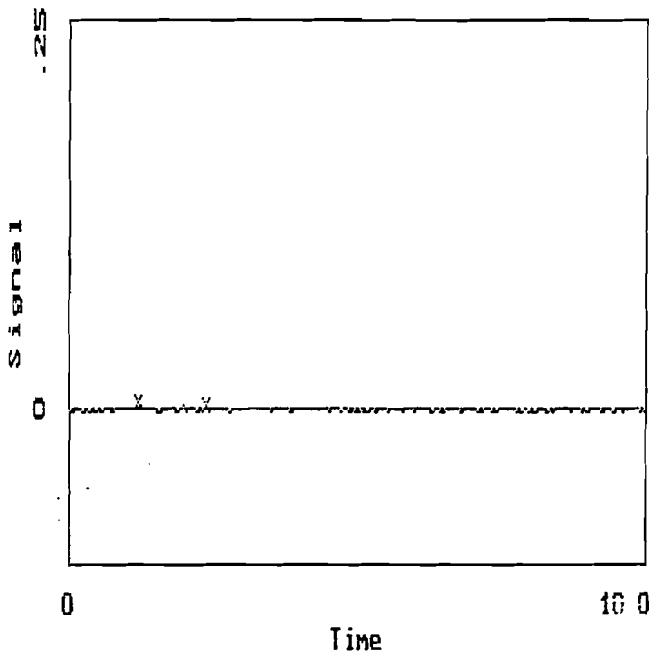
Method: HG Sample Name: T60[illegible]66-6 Operator: VD
Run Time: 08/07/96 12:02:15
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0466

HC Unk Conc F:1 SN:T607110-5 08/07/96 12:07:42

xHg

#1 .0218



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 12:10:01 PM page 1

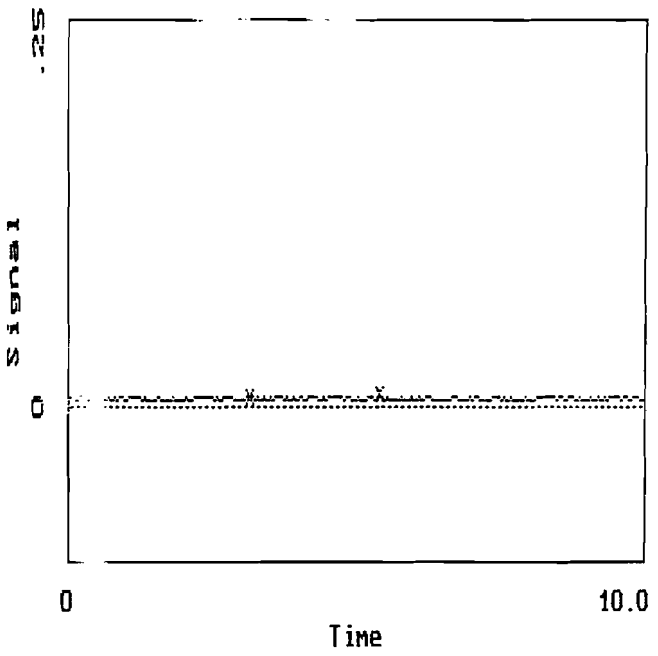
Method: HG Sample Name: T607110-5 Operator: VD
Run Time: 08/07/96 12:07:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0218

HC Unk Conc F:1 SN:CCV-1-2 08/07/96 12:16:07

xHg

#1 .1549



Corrected ————
Uncorrected - - - - -

Analysis Report Wed 08-07-96 12:18:27 PM page 1

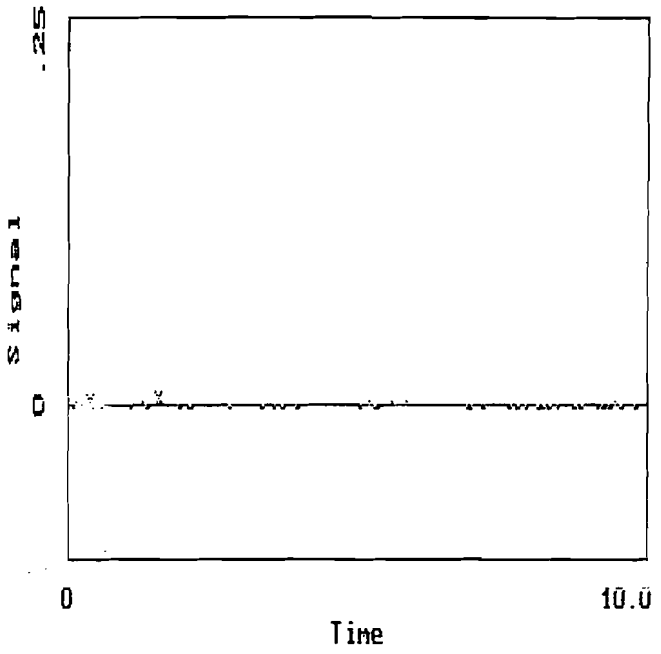
Method: HG Sample Name: CCV-1-2 Operator: VD
Run Time: 08/07/96 12:16:07
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1549

HC Unk Conc F:1 SN:CCV-1-2 08/07/96 12:50:10

xHC

#1 .0263



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 12:52:28 PM page 1

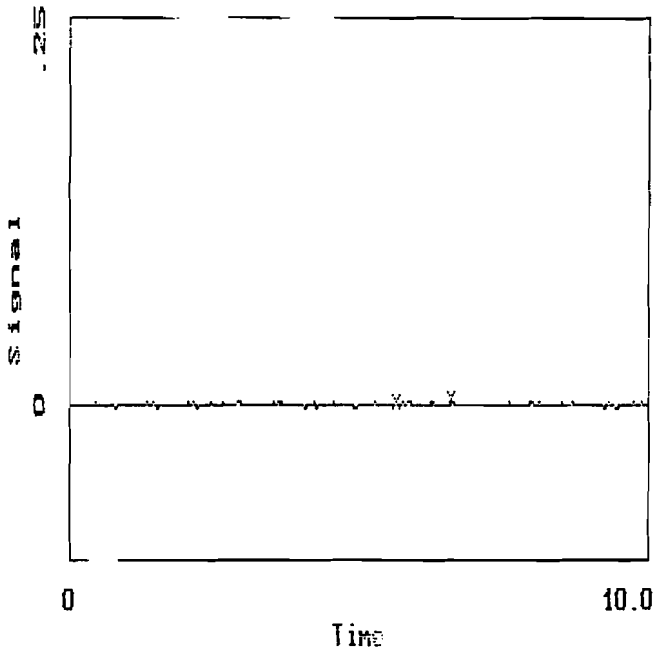
Method: HG Sample Name: CCV-1-2 Operator: VD
Run Time: 08/07/96 12:50:10
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0263

HG Unk Conc F:1 SN:CCV-1-2 08/07/96 12:54:09

xHg

#1 .0362



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 12:55:25 PM page 1

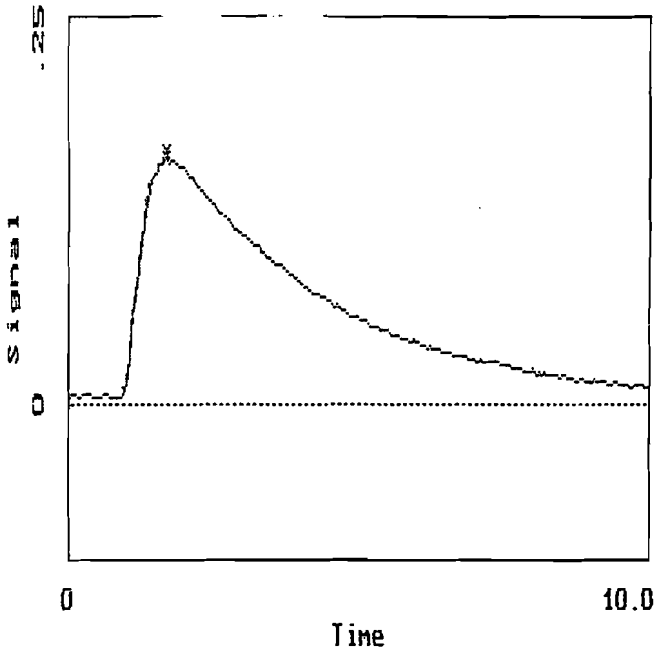
Method: HG Sample Name: CCV-1-2 Operator: VD
Run Time: 08/07/96 12:54:09
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0362

HC Unk Conc F:1 SN:CCV-1-2 08/07/96 12:58:59

xHg

#1 3.783



Corrected ———

Uncorrected - - - -

Analysis Report Wed 08-07-96 01:01:16 PM page 1

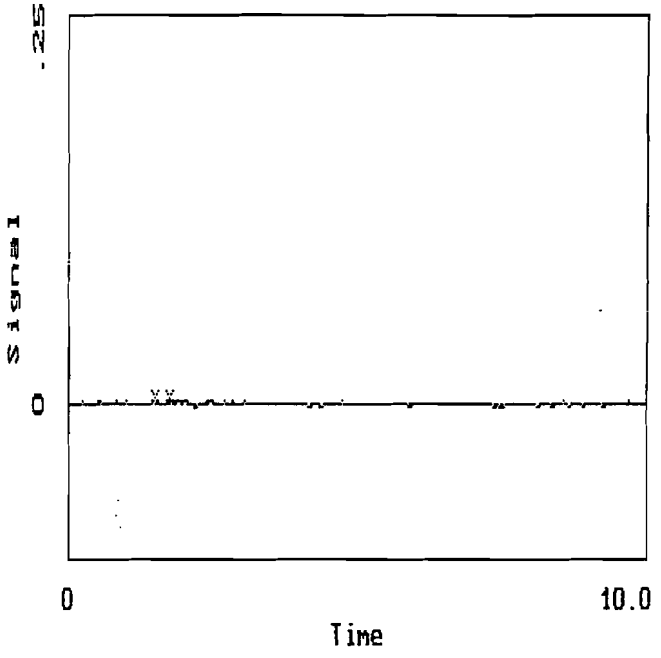
Method: HG Sample Name: CCV-1-2 Operator: VD
Run Time: 08/07/96 12:58:59
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	3.783

HG Unk Conc F:1 SN:CCB-1-2 08/07/96 13:04:04

xHg

#1 .0656



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 01:06:22 PM page 1

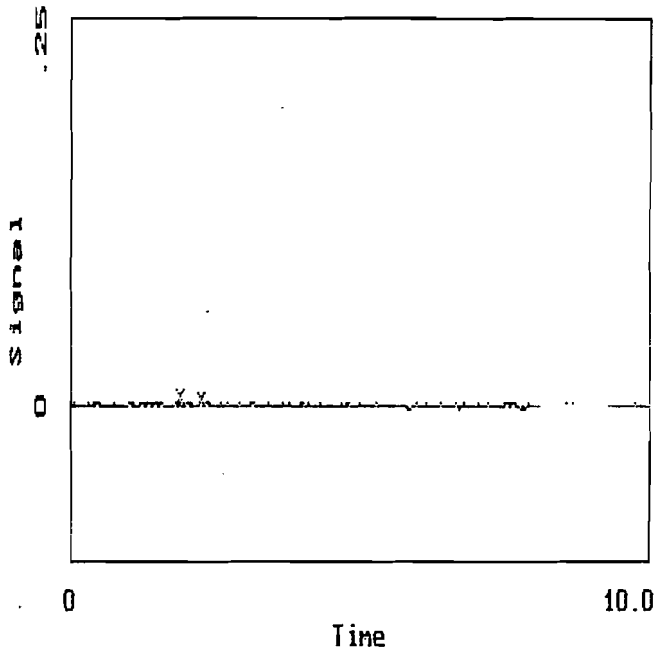
Method: HG Sample Name: CCB-1-2 Operator: VD
Run Time: 08/07/96 13:04:04
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0656

HG Unk Conc F:1 SN:PBW-2043 08/07/96 13:12:51

xHg

#1 .0629



Corrected ——— -
Uncorrected - - - - -

Analysis Report Wed 08-07-96 01:15:08 PM page 1

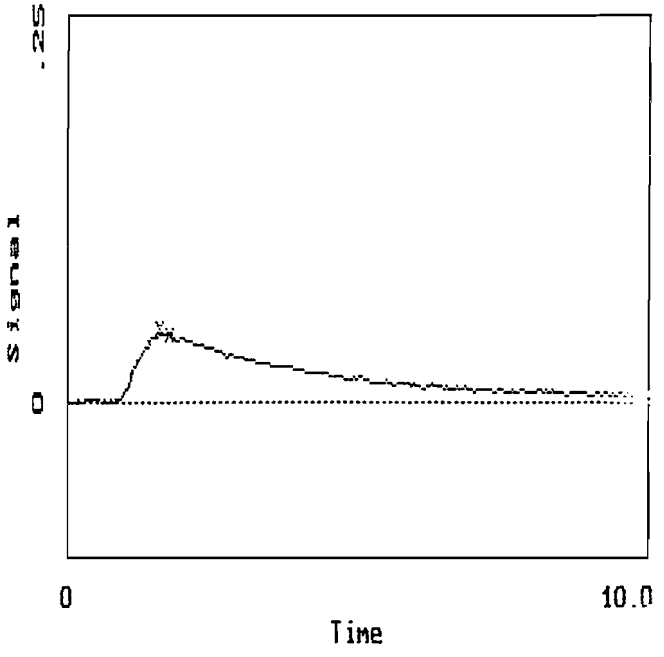
Method: HG Sample Name: PBW-2043 Operator: VD
Run Time: 08/07/96 13:12:51
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0629

HC Unk Conc F:1 SN:LCSS-2043 08/07/96 13:19:01

xHg

#1 1.050



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 01:21:19 PM page 1

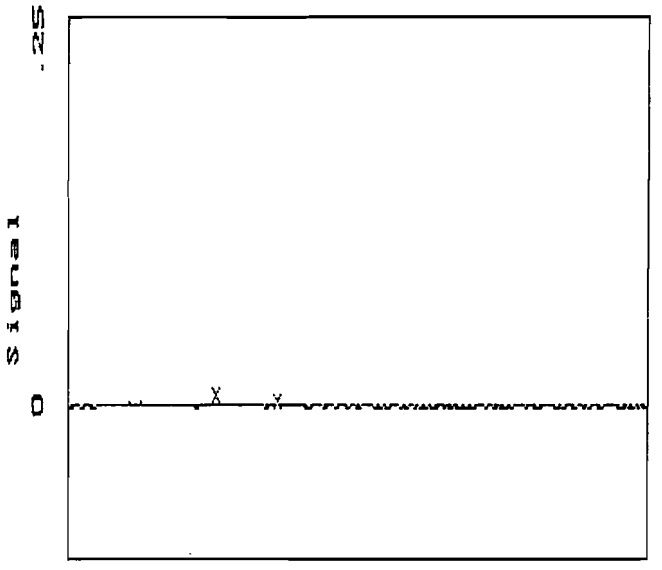
Method: HG Sample Name: LCSS-2043 Operator: VD
Run Time: 08/07/96 13:19:01
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.050

HG Unk Conc F:1 SW:T607239-4 08/07/96 13:25:02

xHg

#1 .0161



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 01:27:19 PM page 1

Method: HG Sample Name: T607239-4 Operator: VD
Run Time: 08/07/96 13:25:02
Comment:
Mode: Conc Corr. Factor: 1

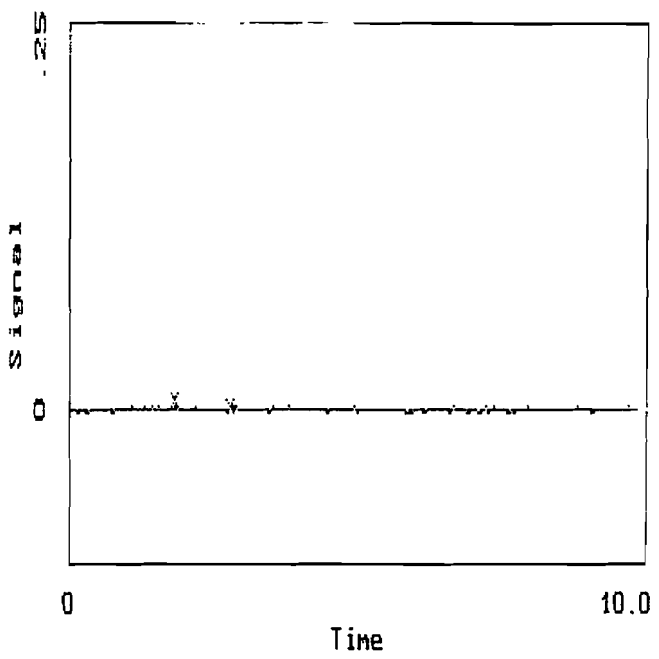
Elem	Hg
Units	ppb
Avge	.0161

Wed 08-07-96 01:30:25 PM page 1

HG Unk Conc F:1 SN:T6S7239-4b 08/07/96 13:30:25

xHg

#1 .0366



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07 96 01:32:42 PM page 1

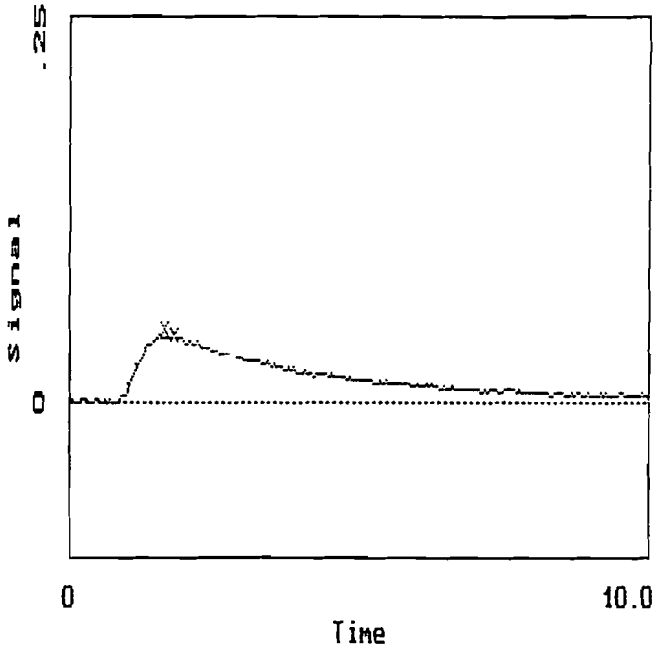
Method: HG Sample Name: T697239-4D Operator: VD
Run Time: 08/07/96 13:30:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0366

HG Unk Conc F:1 SN:I607239-4MS 08/07/96 13:34:34

xHg

#1 1.021



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 01:36:51 PM page 1

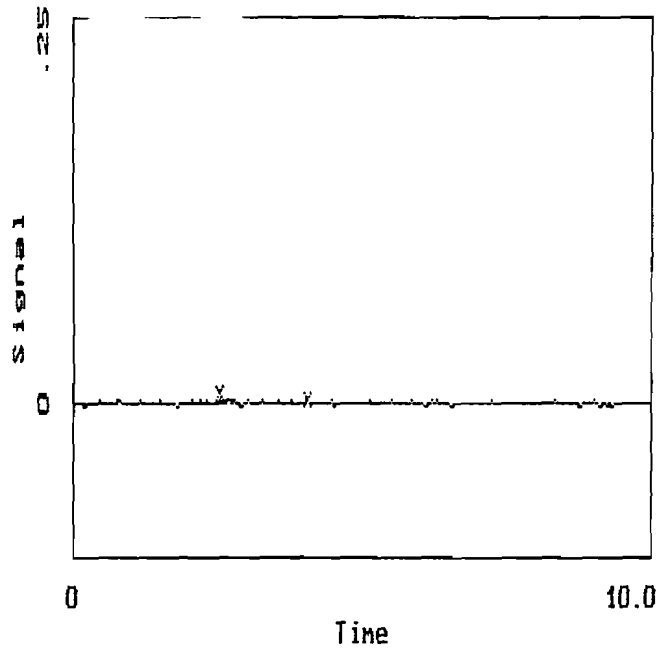
Method: HG Sample Name: T607239-4MS Operator: VD
Run Time: 08/07/96 13:34:34
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.021

HC Unk Conc F:1 SN:T6[illegible]-8 08/07/96 13:40:27

xHg

#1 .0545



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 01:42:44 PM page 1

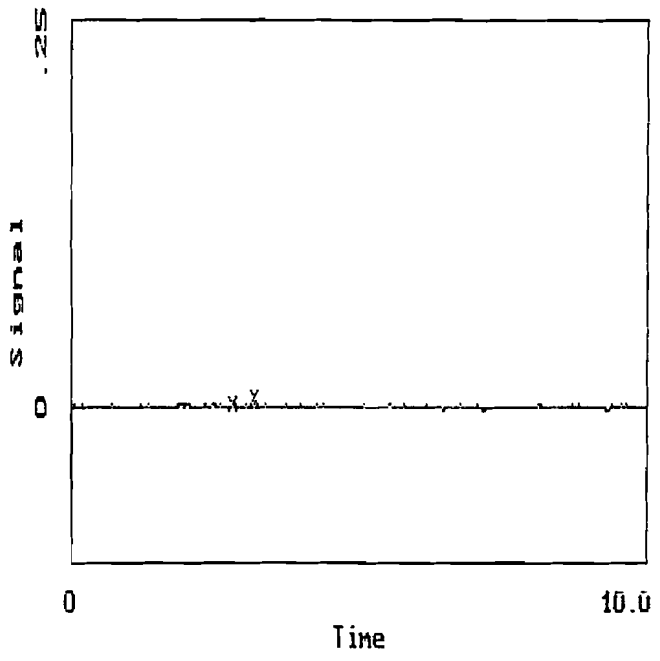
Method: HG Sample Name: T607239-8 Operator: VD
Run Time: 08/07/96 13:40:27
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0545

HC Unk Conc F:1 SN:T607239-13 08/07/96 13:46:48

xHg

#1 .0444



Corrected ———

Uncorrected - - - -

Analysis Report Wed 08-07-96 01:49:05 PM page 1

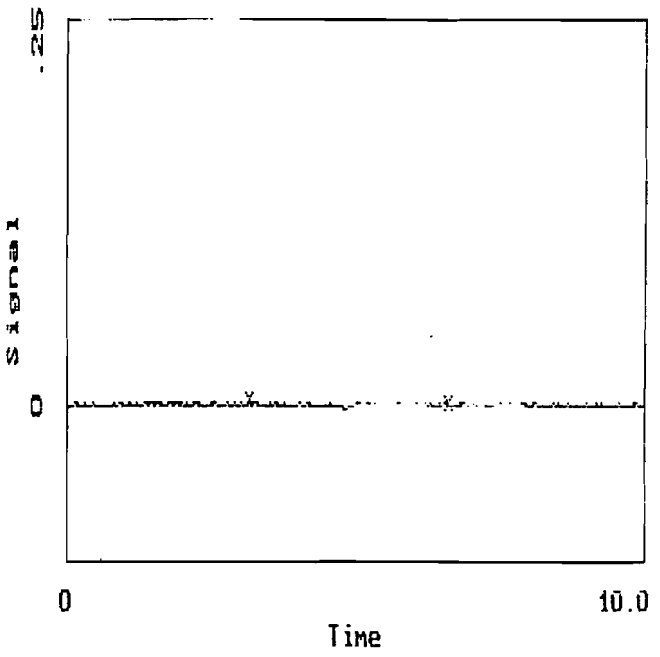
Method: HG Sample Name: T607239-13 Operator: VD
Run Time: 08/07/96 13:46:48
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0444

HG Unk Conc F:1 SN:T607354-1 08/07/96 13:54:42

xHg

#1 .0565



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 01:57:00 PM page 1

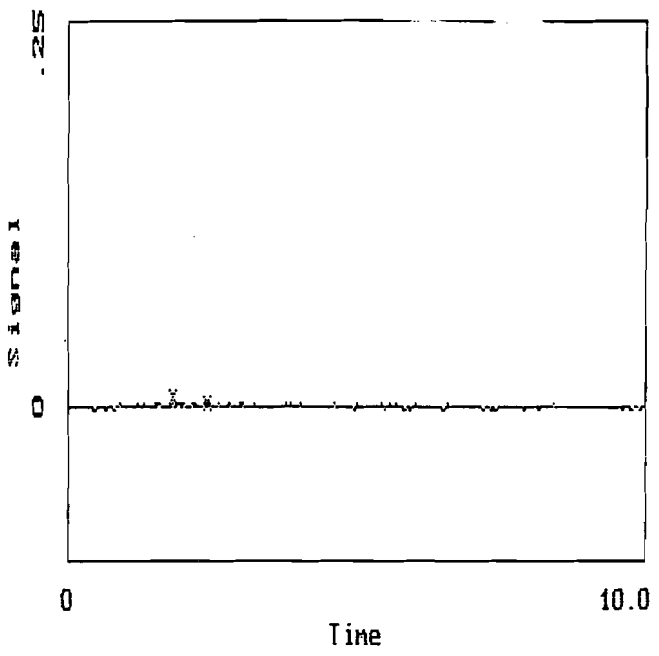
Method: HG Sample Name: T607354-1 Operator: VD
Run Time: 08/07/96 13:54:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0565

HC Unk Conc F:1 SN:TG07354-1D 08/07/96 14:00:24

xHg

#1 .0408

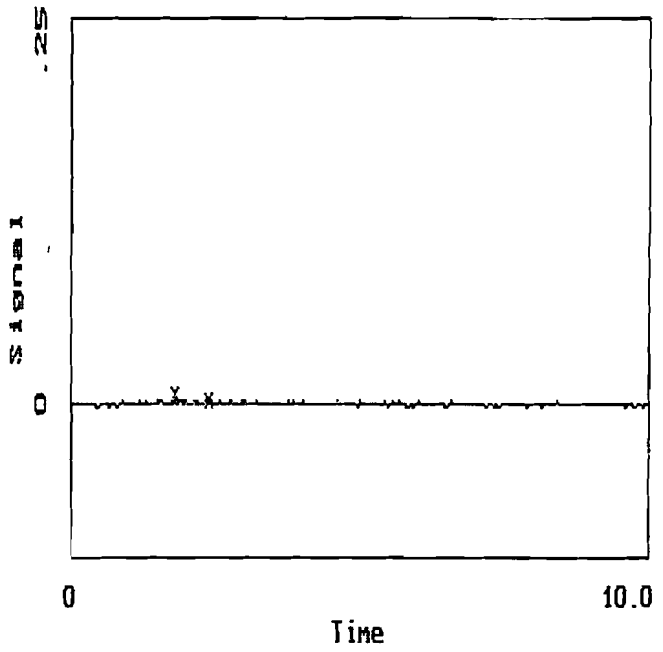


Corrected ———
Uncorrected - - - - -

HC Unk Conc F:1 SN:T607354-1D 08/07/96 14:00:24

xHg

#1 .0408



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 02:02:42 PM page 1

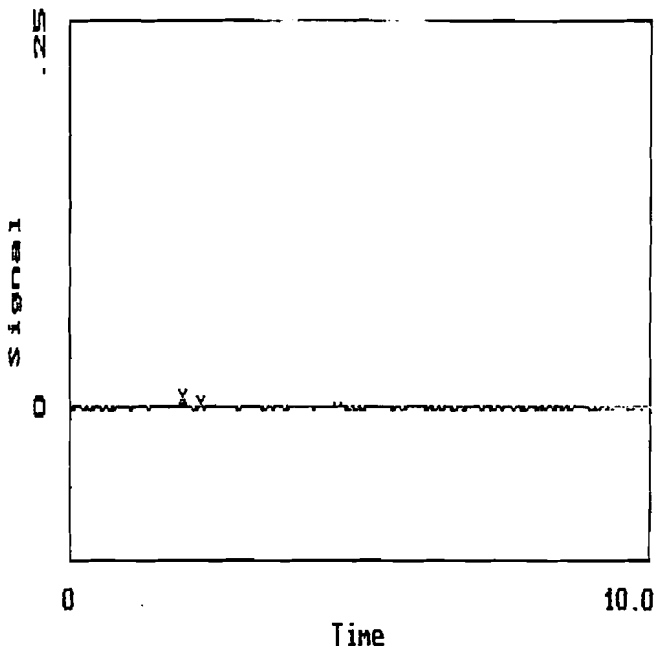
Method: HG Sample Name: T607354-1D Operator: VD
Run Time: 08/07/96 14:00:24
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0408

HG Unk Conc F:1 SN:I607354-1MS 08/07/96 14:08:01

xHg

#1 .0192



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 02:10:19 PM page 1

Method: HG Sample Name: T607354-1MS Operator: VD
Run Time: 08/07/96 14:08:01
Comment:
Mode: Conc Corr. Factor: 1

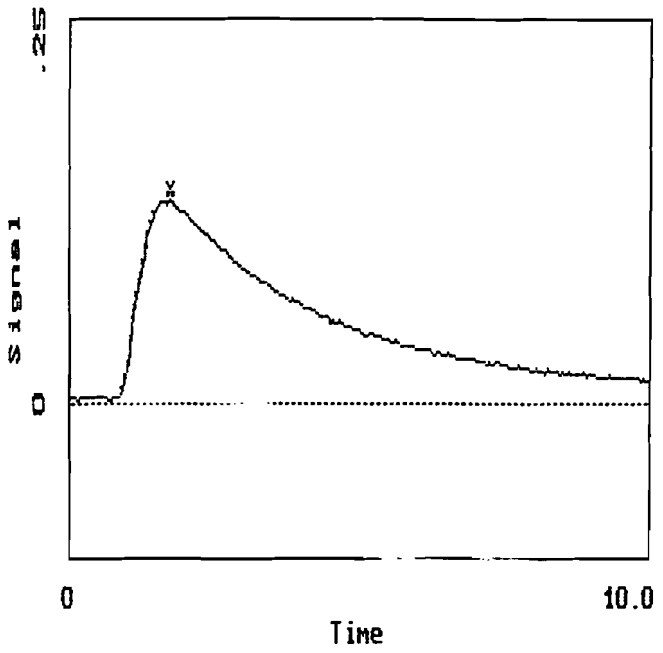
Elem	Hg
Units	ppb
Avge	.0192

Wed 08-07-96 02:14:35 PM page 1

HG Unk Conc F:1 SN:CCV-1-3 08/07/96 14:14:35

xHg

#1 3.162



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 02:16:52 PM page 1

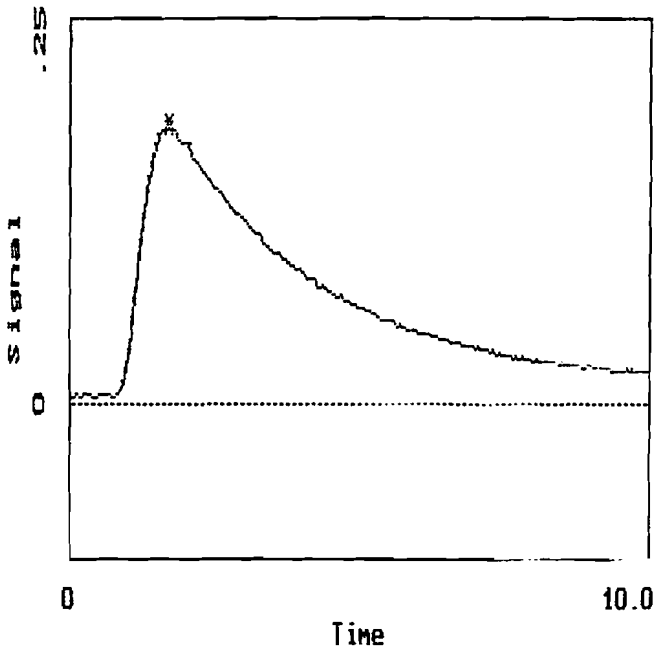
Method: HG Sample Name: CCV-1-3 Operator: VD
Run Time: 08/07/96 14:14:35
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	3.162

HG Unk Conc F:1 SN:CCV-1-3 08/07/96 14:22:35

xHg

#1 4.260



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 02:24:52 PM page 1

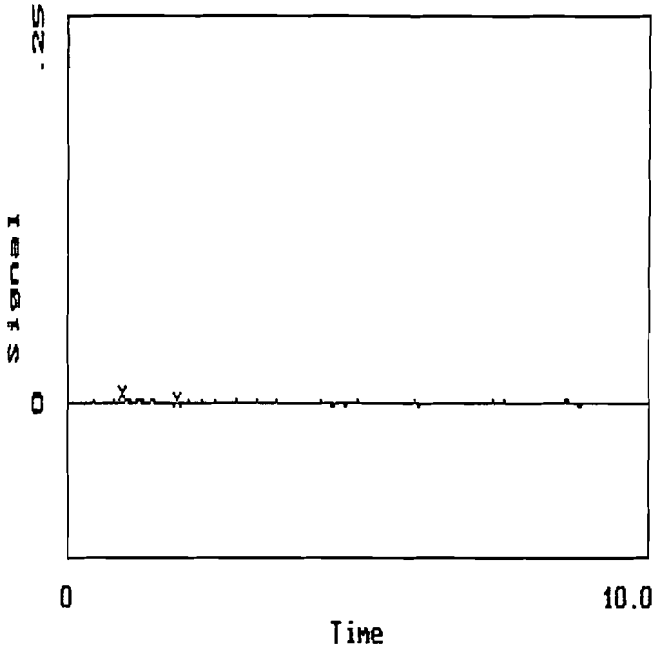
Method: HG Sample Name: CCV-1-3 Operator: VD
Run Time: 08/07/96 14:22:35
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.260

HG Unk Conc F:1 SN:CCB-1-3 08/07/96 14:27:45

xHg

#1 .0462



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 02:30:03 PM page 1

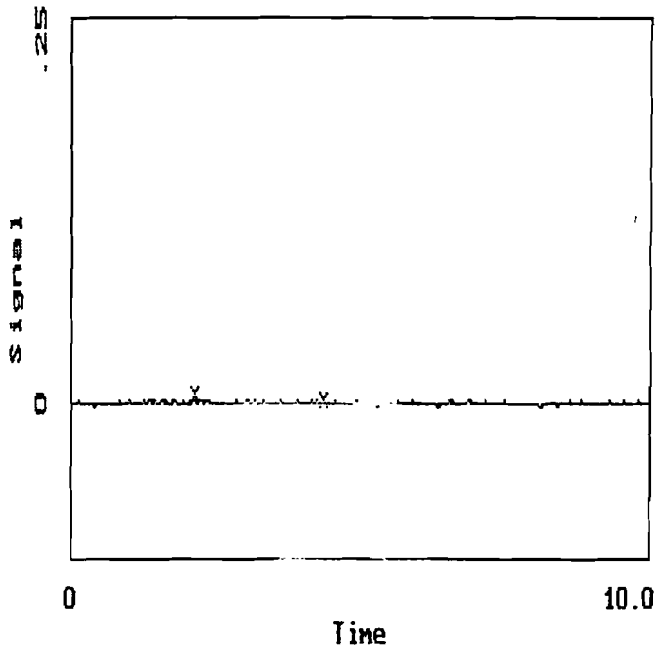
Method: HG Sample Name: CCB-1-3 Operator: VD
Run Time: 08/07/96 14:27:45
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0462

HG Unk Conc F:1 SN:TG07354-2 08/07/96 15:20:57

xHg

#1 .0509



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:23:14 PM page 1

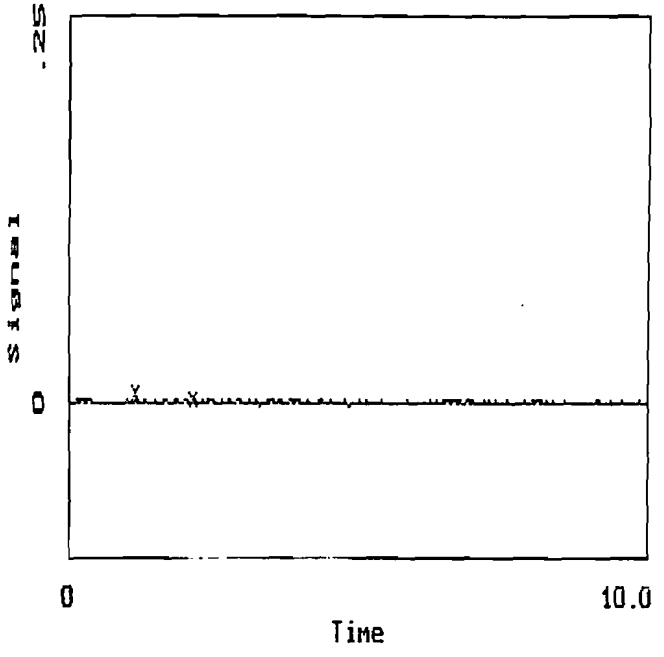
Method: HG Sample Name: T607354-2 Operator: VD
Run Time: 08/07/96 15:20:57
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0509

HC Unk Conc F:1 SN:T607354-3 08/07/96 15:26:15

xHg

#1 .0528



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:28:32 PM page 1

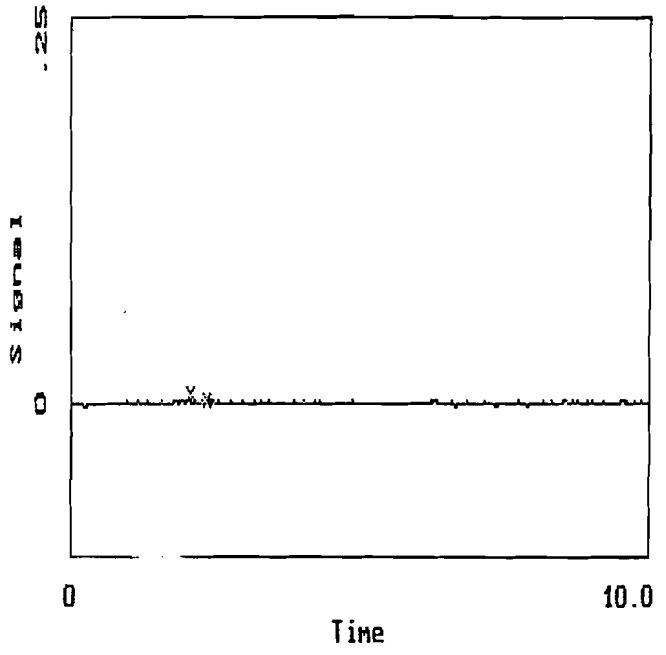
Method: HG Sample Name: T607354-3 Operator: VD
Run Time: 08/07/96 15:26:15
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0528

HG Unk Conc F:1 SN:T607354-4 08/07/96 15:29:52

xHg

#1 .0475



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:32:10 PM page 1

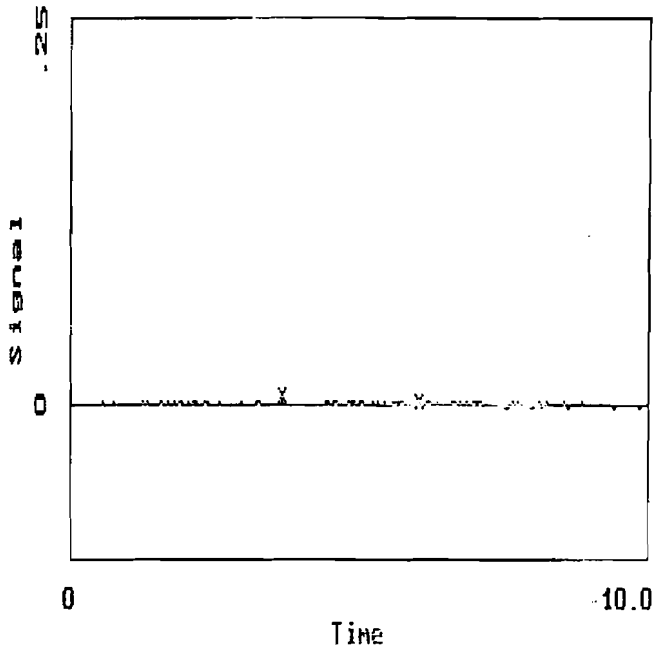
Method: HG Sample Name: T607354-4 Operator: VD
Run Time: 08/07/96 15:29:52
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0475

HG Unk Conc F:1 SN:I607354-5 08/07/96 15:33:38

xHg

#1 .0521



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:35:55 PM page 1

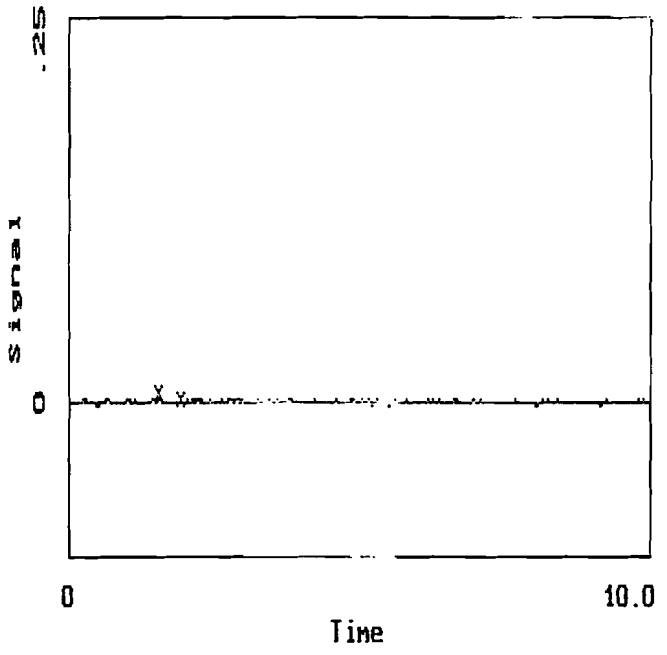
Method: HG Sample Name: T607354-5 Operator: VD
Run Time: 08/07/96 15:33:38
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0521

HC Unk Conc F:1 SN:T607354-6 08/07/96 15:38:10

xHg

#1 .0496



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:40:28 PM page 1

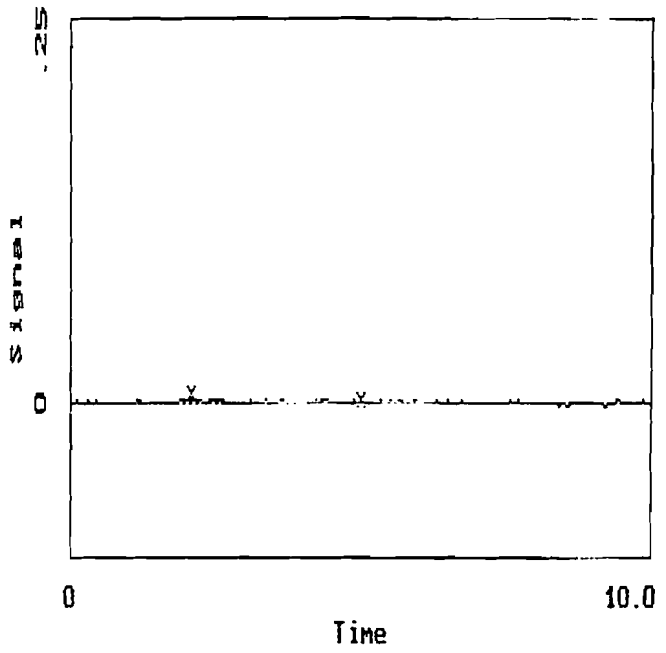
Method: HG Sample Name: T607354-6 Operator: VD
Run Time: 08/07/96 15:38:10
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0496

HC Unk Conc F:1 SN:T607354-7 08/07/96 15:43:34

xHg

#1 .0523



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:45:51 PM page 1

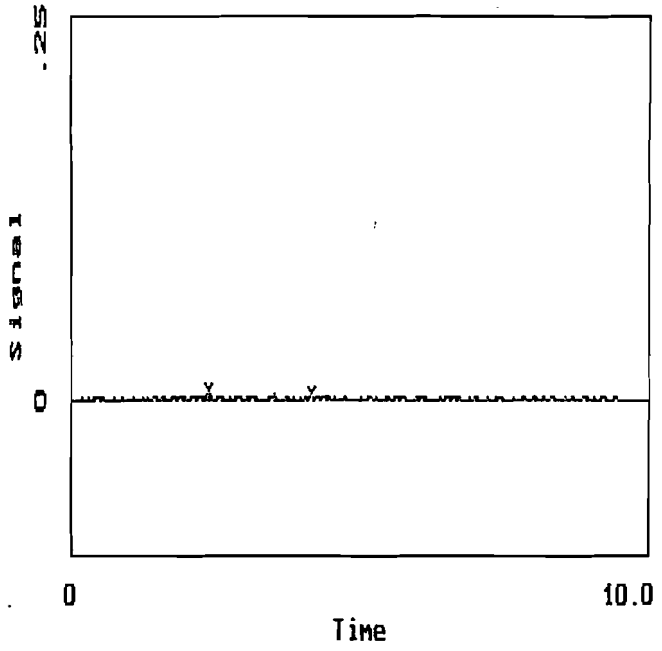
Method: HG Sample Name: T607354-7 Operator: VD
Run Time: 08/07/96 15:43:34
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0523

HC Unk Conc F:1 SN:T607354-8 08/07/96 15:47:15

xHg

#1 .0681



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:49:32 PM page 1

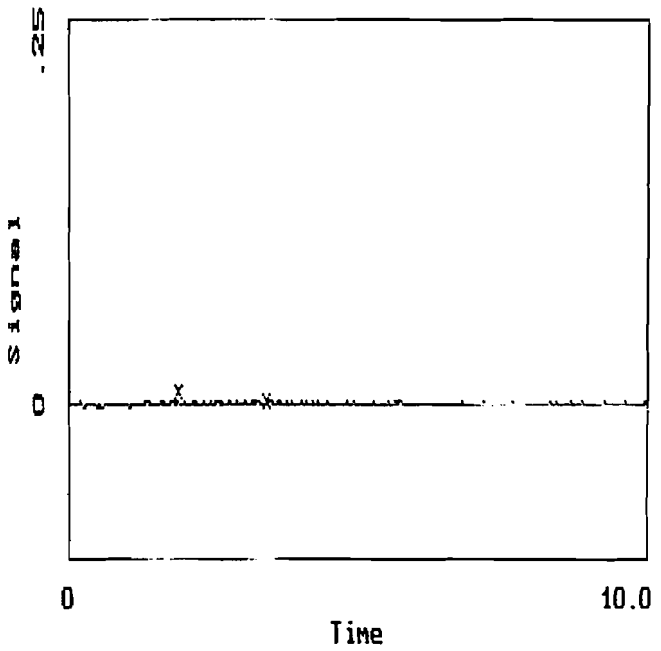
Method: HG Sample Name: T607354-8 Operator: VD
Run Time: 08/07/96 15:47:15
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0681

HG Unk Conc F:1 SN:I607354-9 08/07/96 15:51:36

xHg

#1 .0513



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:53:53 PM page 1

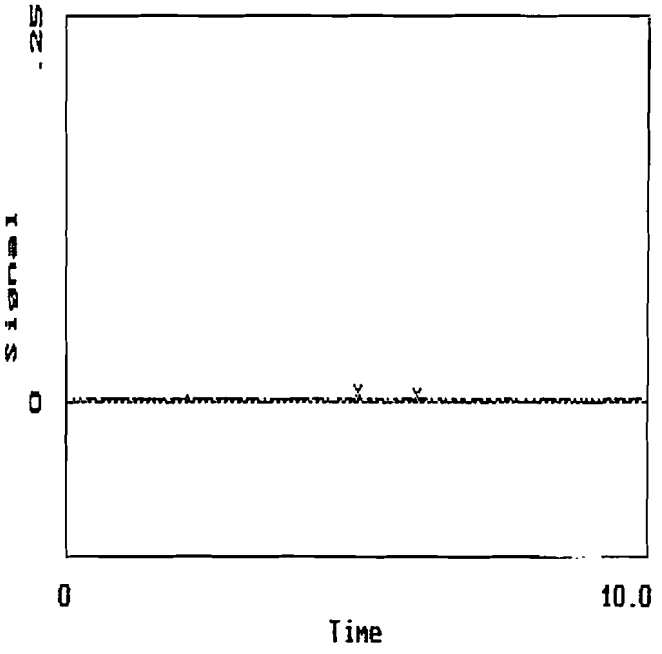
Method: HG Sample Name: T607354-9 Operator: VD
Run Time: 08/07/96 15:51:36
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0513

HC Unk Conc F:1 SN:T607354-10 08/07/96 15:55:47

xHg

#1 .0727



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 03:58:05 PM page 1

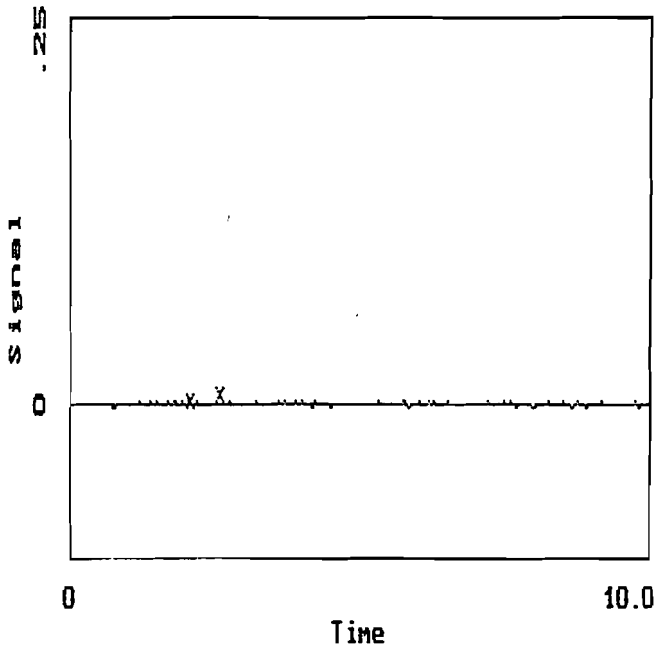
Method: HG Sample Name: T607354-10 Operator: VD
Run Time: 08/07/96 15:55:47
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0727

HC Unk Conc F:1 SN:T607354-11 08/07/96 16:00:09

xHg

#1 .0384



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:02:27 PM page 1

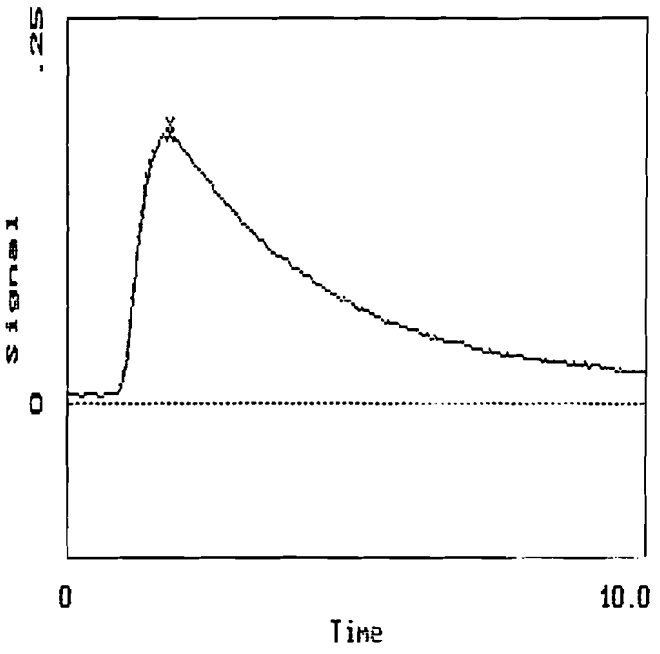
Method: HG Sample Name: T607354-11 Operator: VD
Run Time: 08/07/96 16:00:09
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0384

HC Unk Conc F:1 SN:CCV-1-4 08/07/96 16:05:15

xHg

#1 4.179



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:07:33 PM page 1

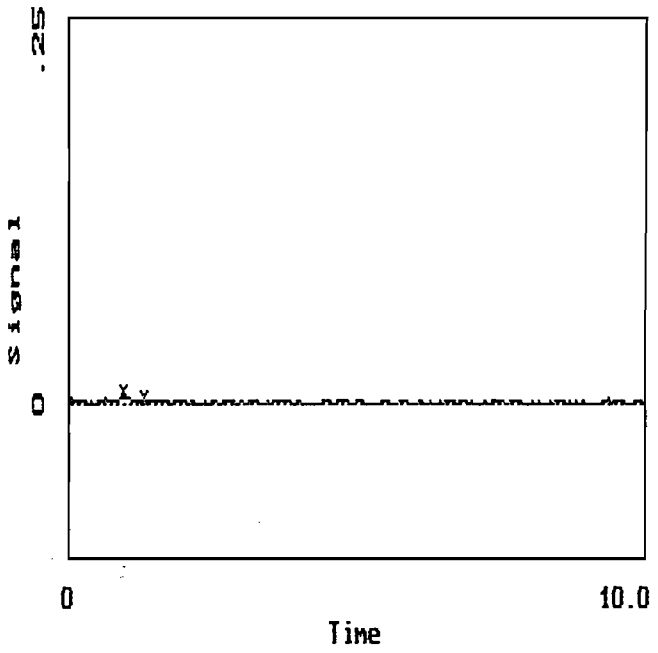
Method: HG Sample Name: CCV-1-4 Operator: VD
Run Time: 08/07/96 16:05:15
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.179

HG Unk Conc F:1 SN:CCB-1-4 08/07/96 16:09:46

xHg

#1 .0792



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:12:04 PM page 1

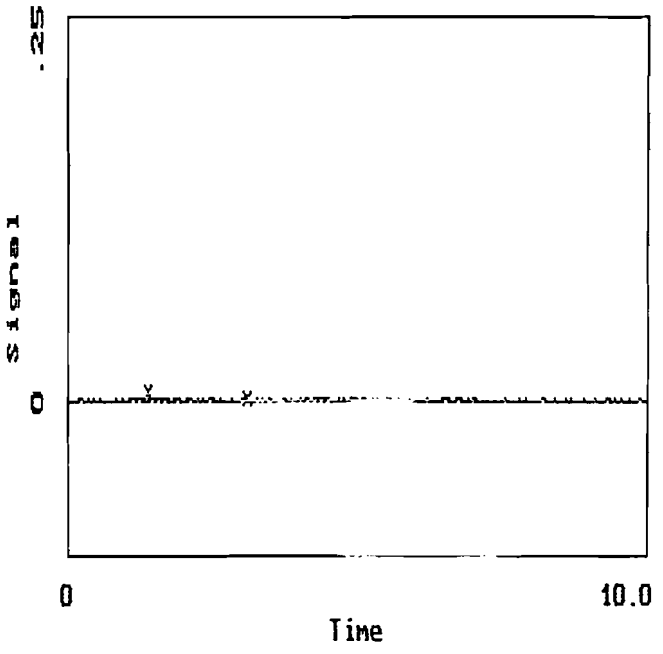
Method: HG Sample Name: CCB-1-4 Operator: VD
Run Time: 08/07/96 16:09:46
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0792

HG Unk Conc F:1 SN:T607354-12 08/07/96 16:13:45

xHg

#1 .0586



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:16:02 PM page 1

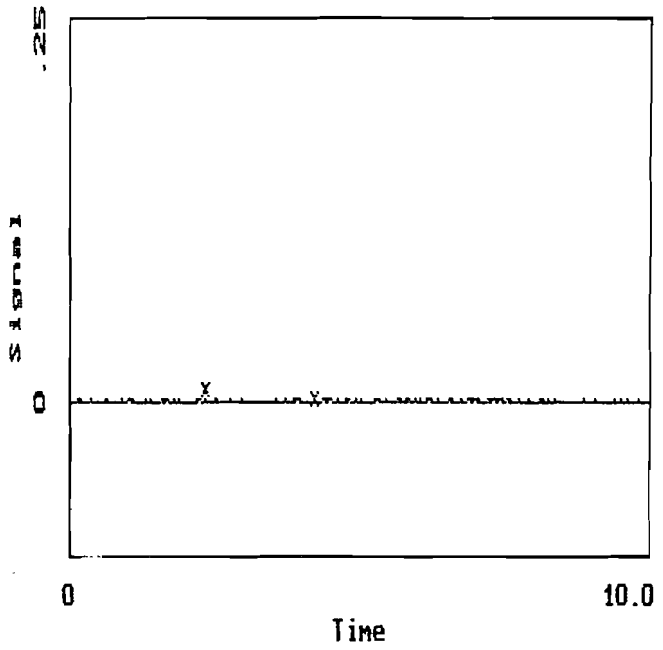
Method: HG Sample Name: T607354-12 Operator: VD
Run Time: 08/07/96 16:13:45
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0586

HC Unk Conc F:1 SN:T607354-13 08/07/96 16:19:41

xHg

#1 .0565



Corrected ———

Uncorrected - - - -

Analysis Report Wed 08-07-96 04:21:58 PM page 1

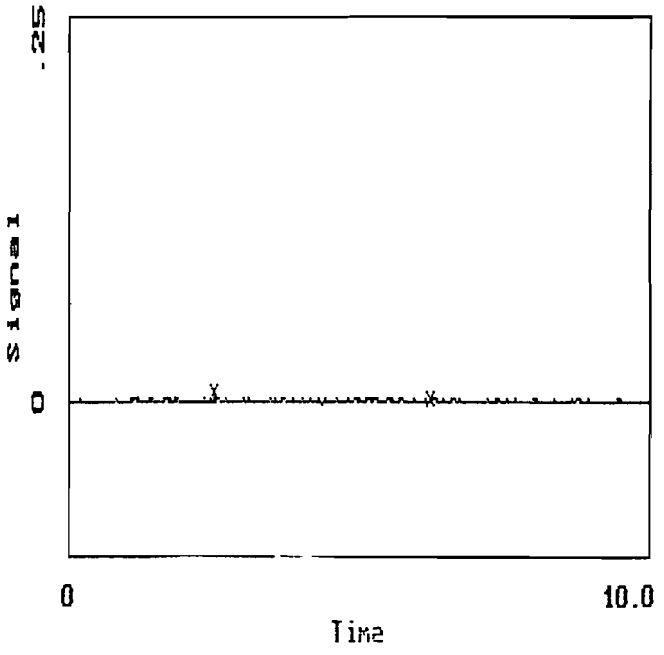
Method: HG Sample Name: T607354-13 Operator: VD
Run Time: 08/07/96 16:19:41
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0565

HC Unk Conc F:1 SN:I607354-14 08/07/96 16:23:38

xHg

#1 .0448



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:25:56 PM page 1

Method: HG Sample Name: T607354-14 Operator: VD
Run Time: 08/07/96 16:23:38
Comment:
Mode: Conc Corr. Factor: 1

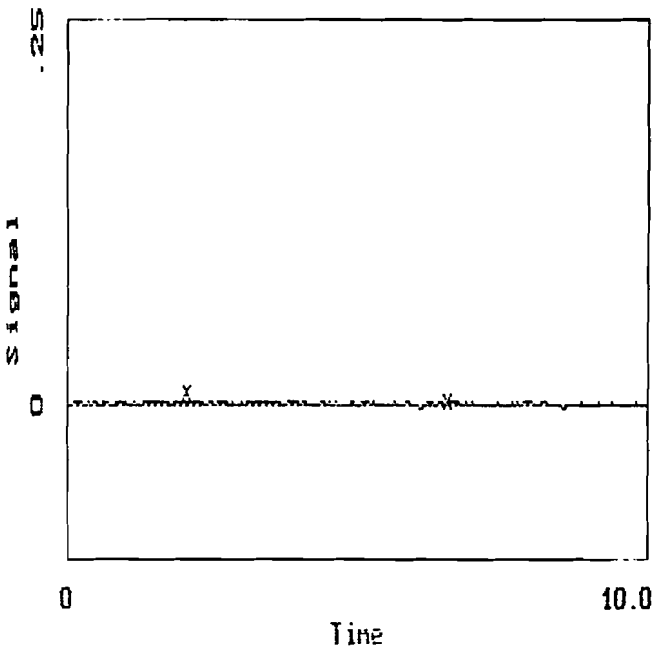
Elem	Hg
Units	ppb
Avge	.0440

Wed 08-07-96 04:27:23 PM page 1

HG Unk Conc F:1 SN:T607354-15 08/07/96 16:27:23

xHg

#1 .0557



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:29:40 PM page 1

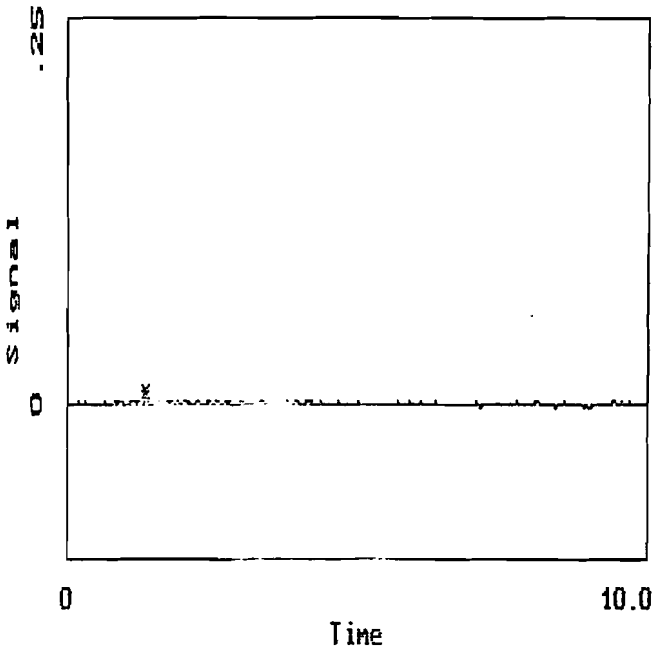
Method: HG Sample Name: T607354-15 Operator: VD
Run Time: 08/07/96 16:27:23
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0557

HC Unk Conc F:1 SN:T607354-16 08/07/96 16:31:36

xHg

#1 .0629



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:33:53 PM page 1

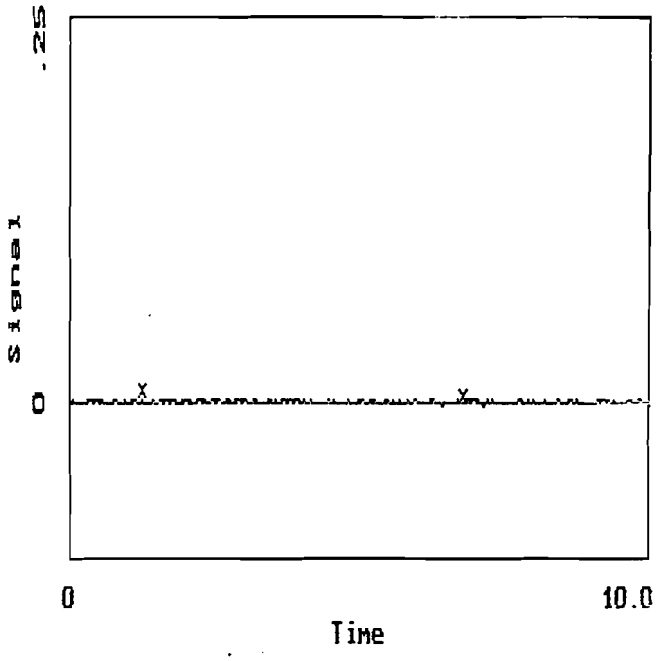
Method: HG Sample Name: T607354-16 Operator: VD
Run Time: 08/07/96 16:31:36
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0629

HG Unk Conc F:1 SN:I607354-17 08/07/96 16:35:30

xHg

#1 .0738



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:37:48 PM page 1

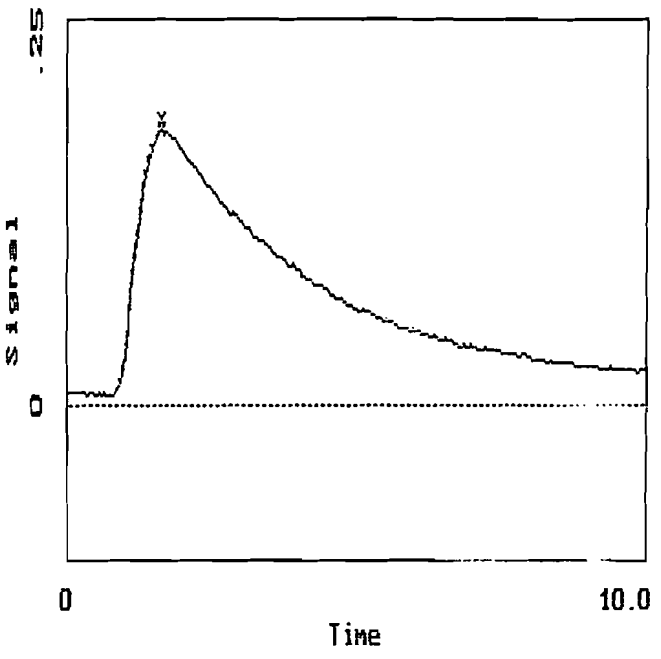
Method: HG Sample Name: T607354-17 Operator: VD
Run Time: 08/07/96 16:35:30
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0738

HC Unk Conc F:1 SN:CCV-1-5 08/07/96 16:42:14

xHg

#1 4.288



Corrected ———
Uncorrected - - - - -

Analysis Repor: Wed 03-07-96 04:44:31 PM page 1

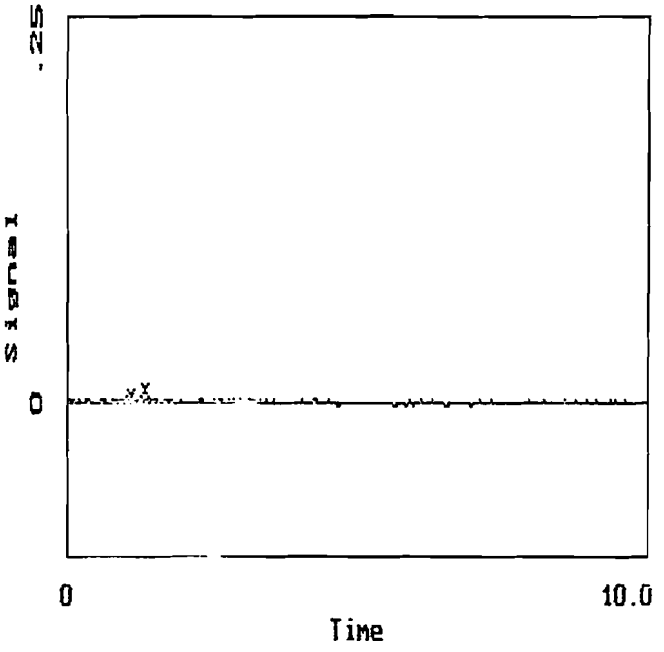
Method: HG Sample Name: CCV-1-5 Operator: VD
Run Time: 08/07/96 16:42:14
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.288

HC Unk Conc F:1 SN:CCB-1-5 08/07/96 16:46:01

xHg

#1 .0836



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:48:18 PM page 1

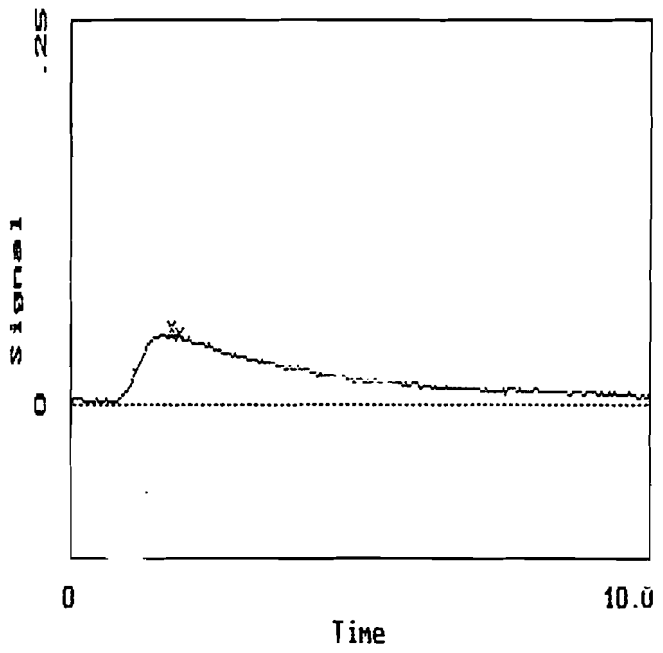
Method: HG Sample Name: CCR-1-5 Operator: VD
Run Time: 08/07/96 16:46:01
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0836

HG Unk Conc F:1 SN:IDL-1PPB 08/07/96 16:50:29

xHg

#1 1.087



Corrected ——————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:52:46 PM page 1

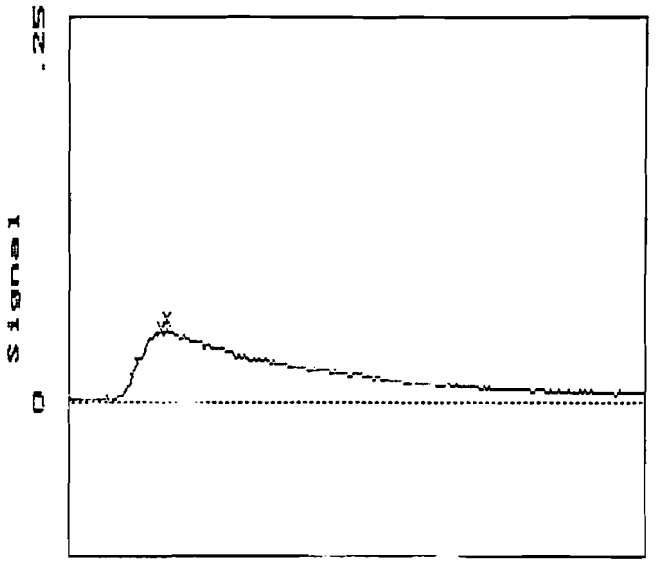
Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 16:50:29
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.087

HG Unk Conc F:1 SN:IDL-1PPB 08/07/96 16:55:42

xHg

#1 1.152



Corrected ————

Uncorrected - - - - -

Analysis Report Wed 08-07-96 04:57:59 PM page 1

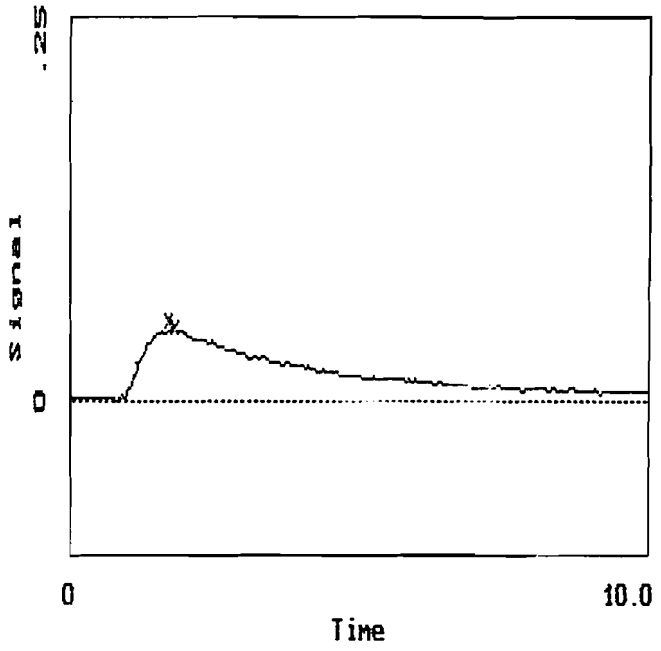
Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 16:55:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.152

HG Unk Conc F:1 SN:IDL-1PPB 08/07/96 17:00:20

xHg

#1 1.119



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 05:02:38 PM page 1

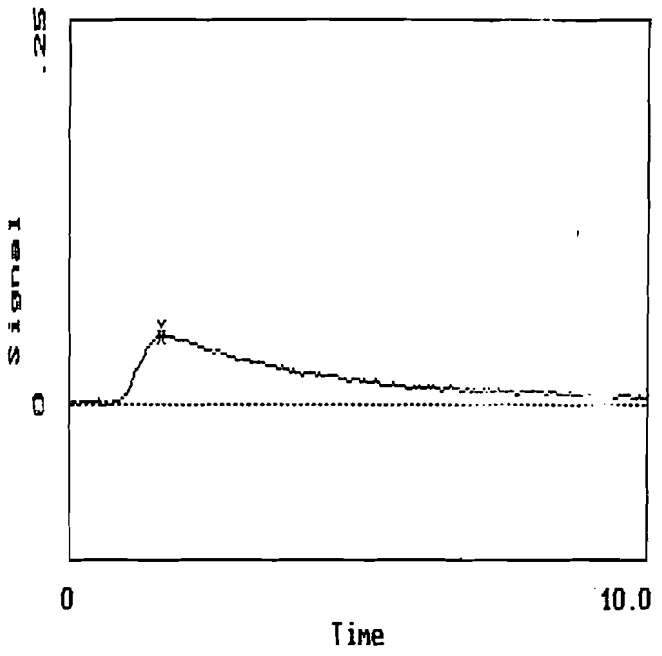
Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 17:00:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.119

HG Unk Conc F:1 SN:IDL-1PPB 08/07/96 17:04:35

xHg

#1 1.059



Corrected ——— ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 05:06:52 PM page 1

Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 17:04:35
Comment:
Mode: Conc Corr. Factor: 1

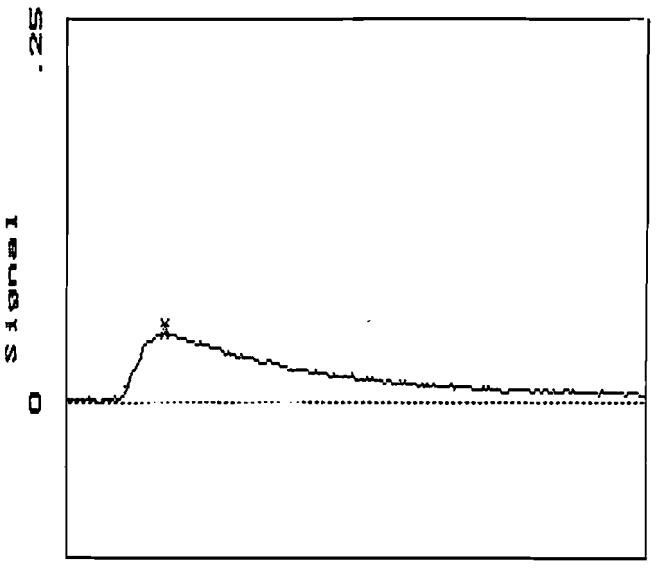
Elem	Hg
Units	ppb
Avge	1.059

Wed 08-07-96 05:07:56 PM page 1

HG Unk Conc F:1 SN:IDL-1PPB 08/07/96 17:07:56

xHg

#1 1.097



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 05:10:13 PM page 1

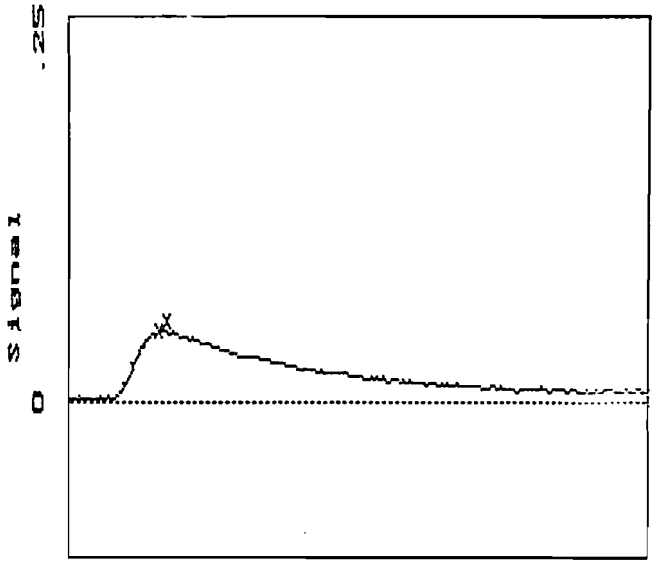
Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 17:07:56
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.097

HG Unk Conc F:1 SN:IDL-1PPB 08/07/96 17:13:26

xHg

#1 1.082



Corrected ————

Uncorrected - - - - - -

Analysis Report Wed 08-07-96 05:15:43 PM page 1

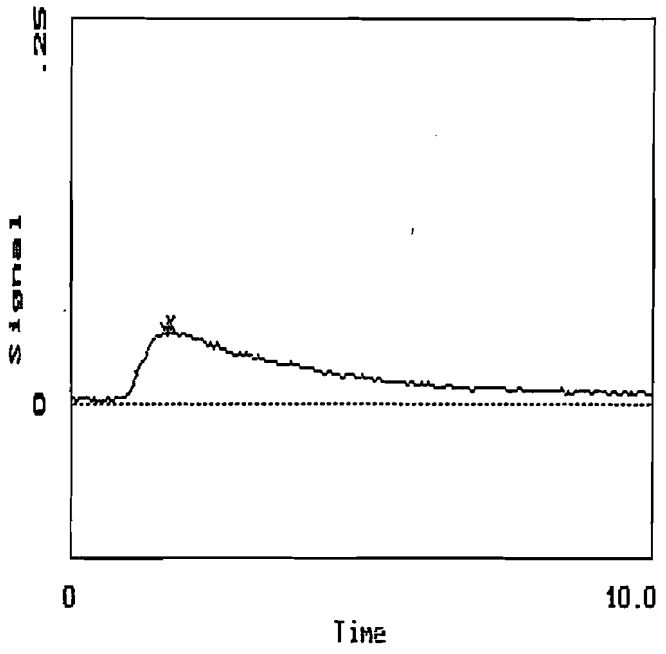
Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 17:13:26
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.082

HC Unk Conc F:1 SN:IDL-1PPB 08/07/96 17:17:17

xHg

#1 1.126



Corrected ———
Uncorrected - - - - -

Analysis Report Wed 08-07-96 05:19:34 PM page 1

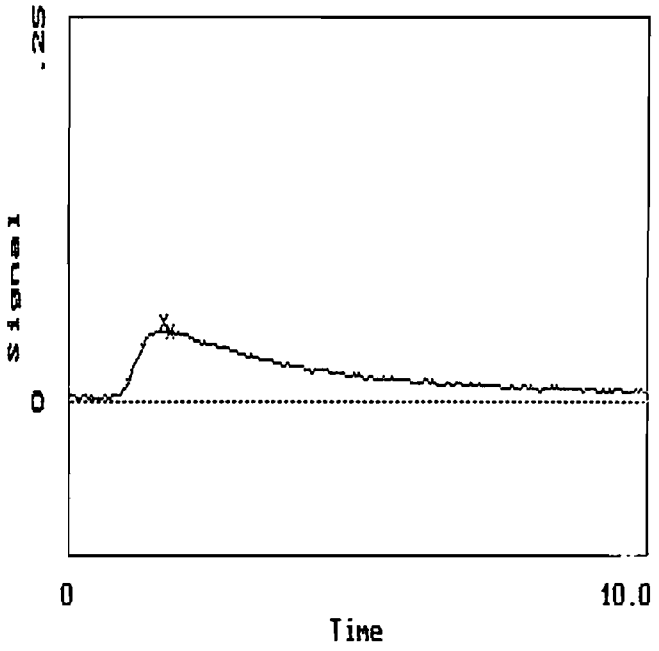
Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 17:17:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.126

HG Unk Conc F:1 SN:IDL-1PPB 08/07/96 17:21:54

xHg

#1 1.095



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 05:24:12 PM page 1

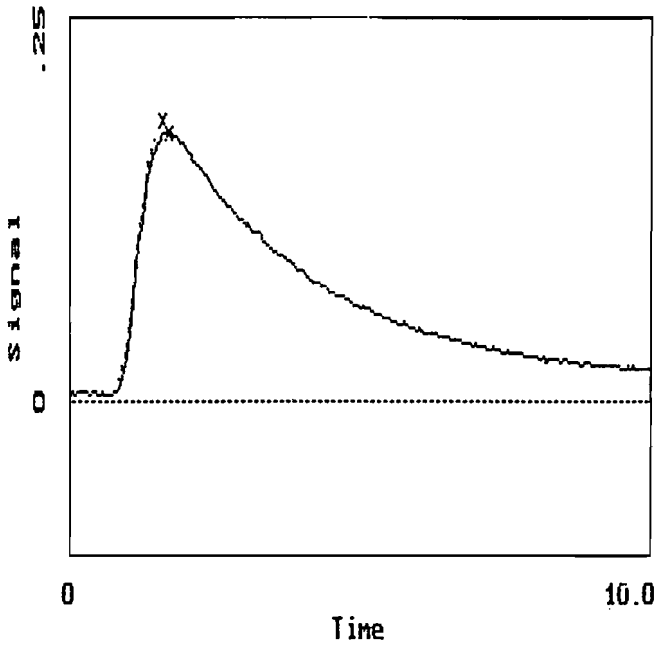
Method: HG Sample Name: IDL-1PPB Operator: VD
Run Time: 08/07/96 17:21:54
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.095

HG Unk Conc F:1 SN:CCV-1-6 08/07/96 17:25:46

xHg

#1 4.180



Corrected ———

Uncorrected - - - - -

Analysis Report Wed 08-07-96 05:28:03 PM page 1

Method: HG Sample Name: CCV-1-6 Operator: VD
Run Time: 08/07/96 17:25:46
Comment:
Mode: Conc Corr. Factor: 1

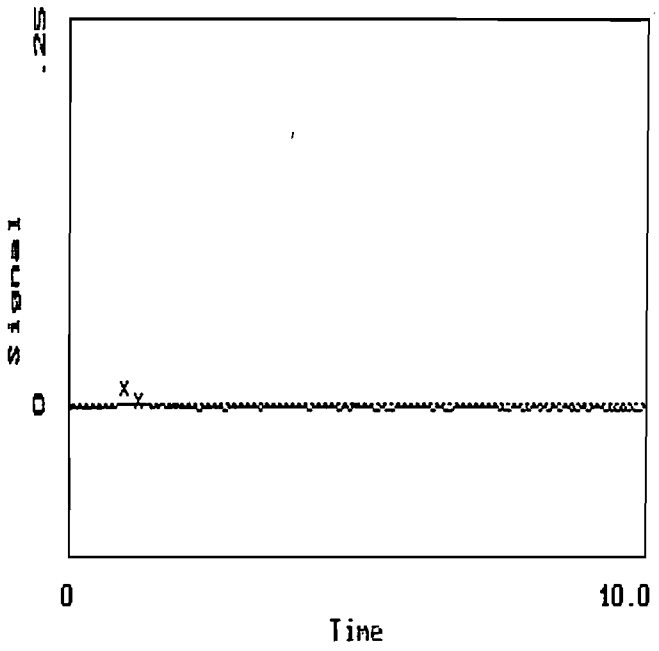
Elem	Hg
Units	ppb
Avge	4.180

Wed 08-07-96 05:37:13 PM page 1

HG Unk Conc F:1 SN:CCB-1-6 08/07/96 17:37:13

xHg

#1 .0150



Corrected ——————

Uncorrected - - - - -

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/9/96

Shift:

Instrument No.: TJA 1000

Batch No.: 2052, 2042, 2043

Raw Data W/: 2052

Analyst: VD

Supervisor:

Prep Date: 8/8/96

Prep Time

Start: 4:00PM

End: 6:00PM

Water Bath: 95°C T, OC

RUN LOG

Parameter: Mercury

Matrix: Liquids/Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
	ICV-1				4.061		TV=4.0 ppb %R=101.53%
	ICB-1				0.1418		
	CCV-1-1				4.180		TV=4.0 ppb %R=104.50%
	CCB-1-1				0.1357		
1	CRA-1				0.2505		TV=0.2 ppb %R=125.25%
2	PBW	2052			0.0679		
3	LCSS	"			4.141		TV=4.0 ppb %R=103.53
4	LCSS	"			4.131		TV=4.PPb %R=103.28
5	TCLPBLK	"	10D		0.1207		
6	T608073-1T	"	10D		0.0656		
7	T607501-1T	"	10D		0.0731		
8	T607501-2T	"	10D		0.0646		
9	T608066-1T	"	10D		0.1158		
10	T608066-2T	"	10D		0.0616		
	CCV-1-2				4.067		TV=4.0 ppb %R=101.68
	CCB-1-2				0.0979		

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/9/96 Analyst: VD

RUN LOG

Paremeter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	T6080666-3T	2052	10D		0.0629		
2	T6080666-4T	"	10D		0.1227		
3	T6080666-5T	"	10D		0.0636		
4	T6080666-6T	"	10D		0.0894		
5	T6080666-7T	"	10D		0.0915		
6	T6080666-8T	"	10D		0.0639		
7	T6080666-9T	"	10D		0.0591		
8	T6080666-10T	"	10D		0.0703		
9	T6080666-11T	"	10D		0.0472		
10	T6080666-12T	"	10D		0.1649		
	CCV-1-3				4.105		TV= 4.0 ppb %R= 102.63
	CCB 1-3				0.1332		
1	T6080666-13T	2052	10D		0.0636		
2	T6080666-14T	"	10D		0.0810		
3	T6080666-14DT	"	10D		0.0475		
4	T6080666-14MST	"	10D		3.955		TV=4.0 PPb %R=98.88
5	T6080666-14MSDT	"	10D		3.984		TV=4.0 PPb %R=99.6
6	T6080666-15T	"	10D		0.1098		
7	T6080666-16T	"	10D		0.0914		
8	T6080666-2		10D		0.0883		SPLP sample
9	—	—	—		—		
10	—	—	—		—		
	CCV-1-4				4.182		TV= 4.0 ppb %R= 104.55
	CCB-1-4				0.0961		

0409

0177

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/9/96 Analyst: VD

RUN LOG

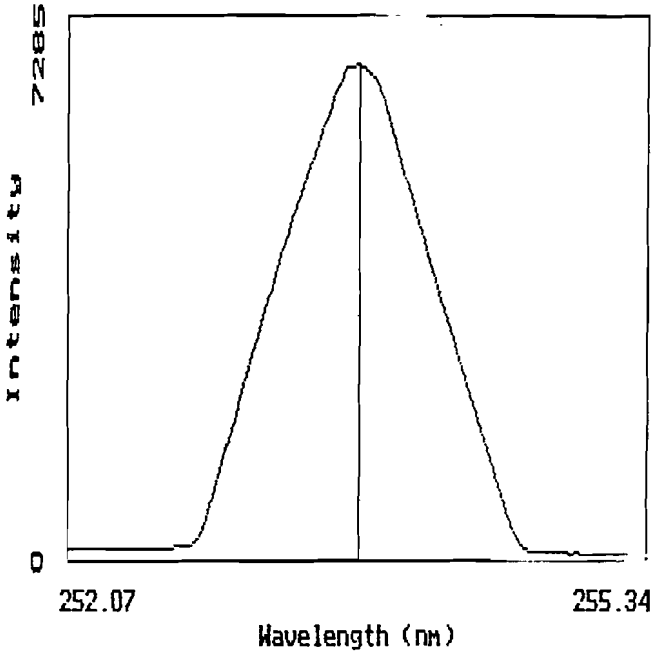
Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
		2042					
1	PBW	11	1D		0.0670		
2	LCSW	11	1D		1.022		
3	LCSW	11	1D		1.014		
4	T607239-4	11	1D		0.2618		
5	T607239-4D	11	1D		0.0843		
6	T607239-MS	11	1D		3.836		RR
7	T607239-8	11	1D		0.1231		
8	T607239-13	11	1D		0.2200		
9	T607354-1	2043	1D		0.0894		
10	T607354-1D	11	1D		0.0807		
	CCV 1-5				4.064		TV = 4.0 ppb %R = 101.6
	CCB 1-5				0.0704		
1	T607354-1MS	2043	1D		0.0733		RR
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV 1-6				4.127		TV = 4.0 ppb %R = 103.18%
	CCB 1-6				0.0961		

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



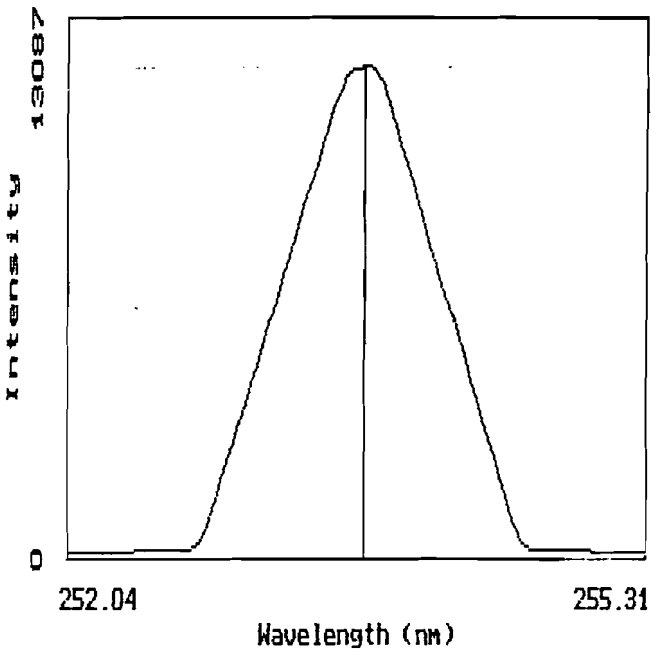
Peak Offset: None

Wavelength : 253.70
Intensity : 6623

Inst Offset: 0
D/A Number : 26752

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

Wavelength : 253.70
Intensity : 11897

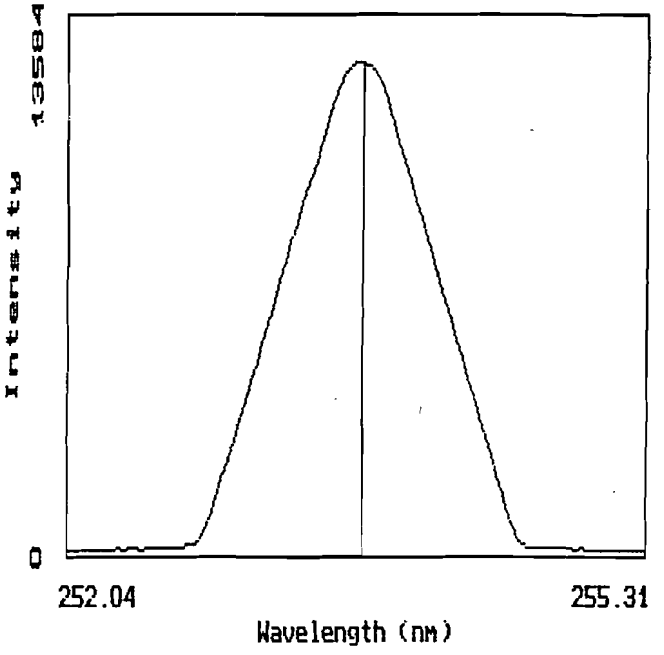
Inst Offset: -3
D/A Number : 26749

ANALYST SIGNATURE: Venecia Renuk

SUPERVISOR SIGNATURE:

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



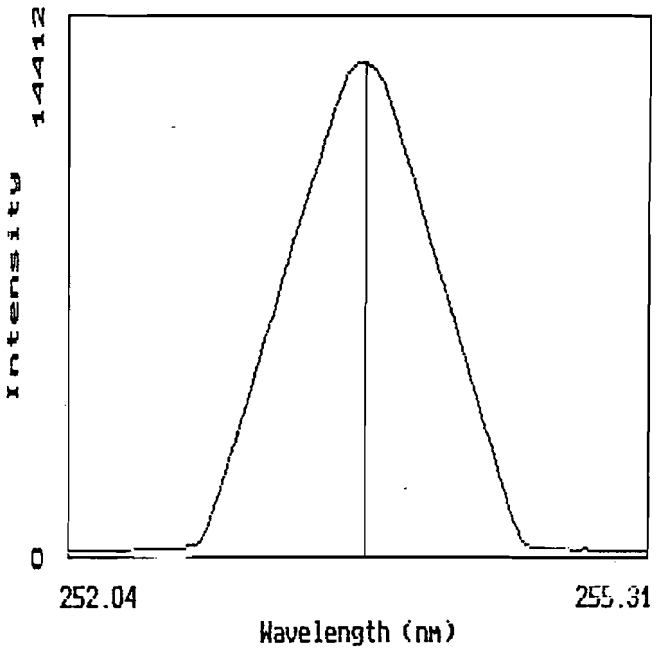
Peak Offset: None

Wavelength : 253.70
Intensity : 12349

Inst Offset: -3
D/A Number : 26749

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



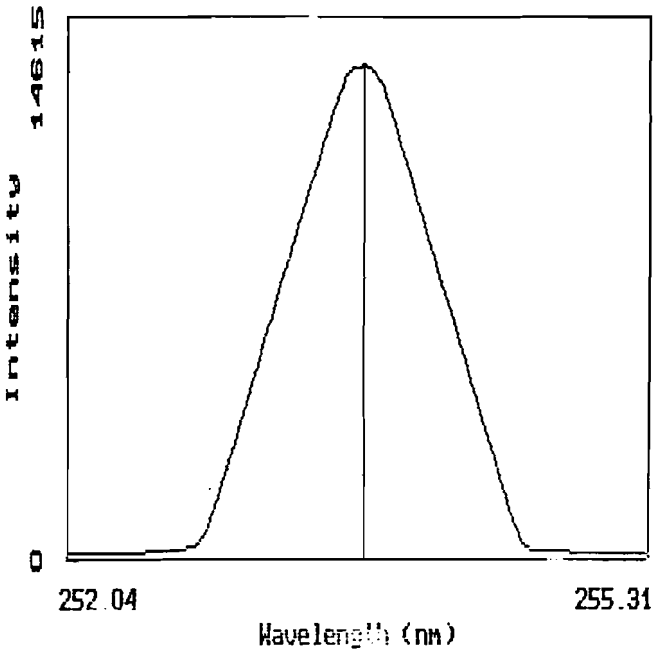
Peak Offset: None

Wavelength : 253.70
Intensity : 13102

Inst Offset: -3
D/A Number : 26749

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



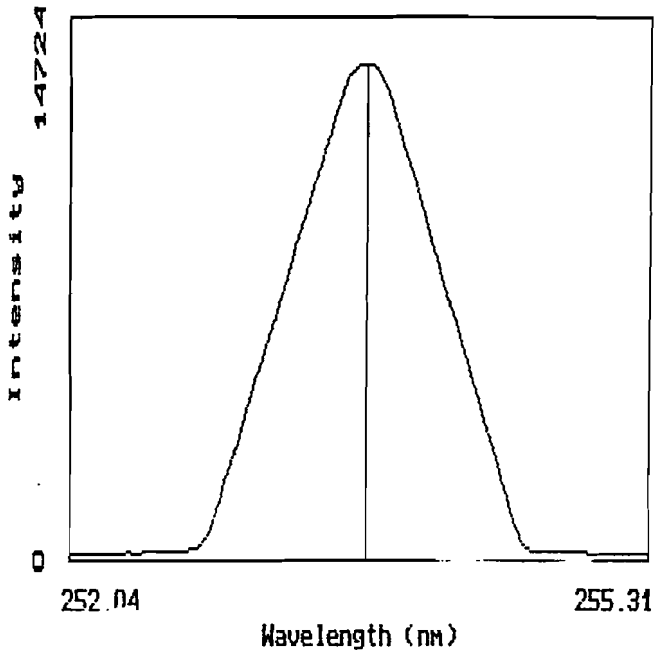
Peak Offset: None

Wavelength : 253.70
Intensity : 13286

Inst Offset: -3
D/A Number : 26749

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



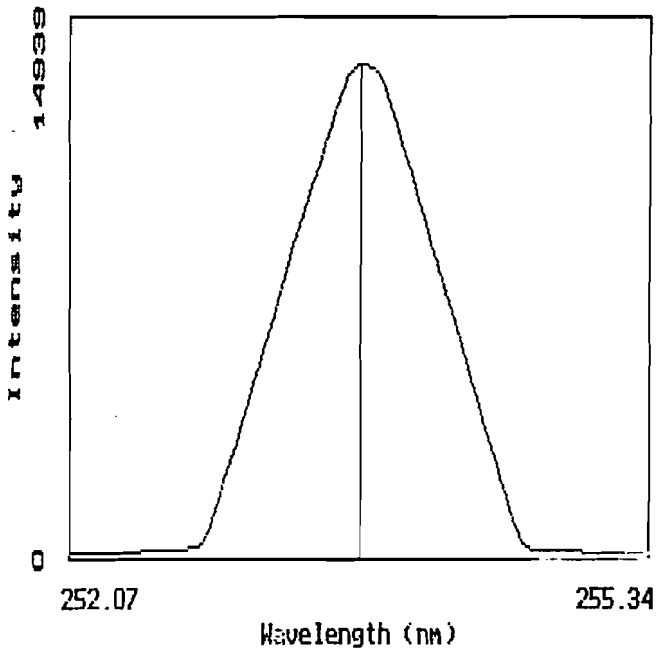
Peak Offset: None

Wavelength : 253.70
Intensity : 13385

Inst Offset: -3
D/A Number : 26749

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



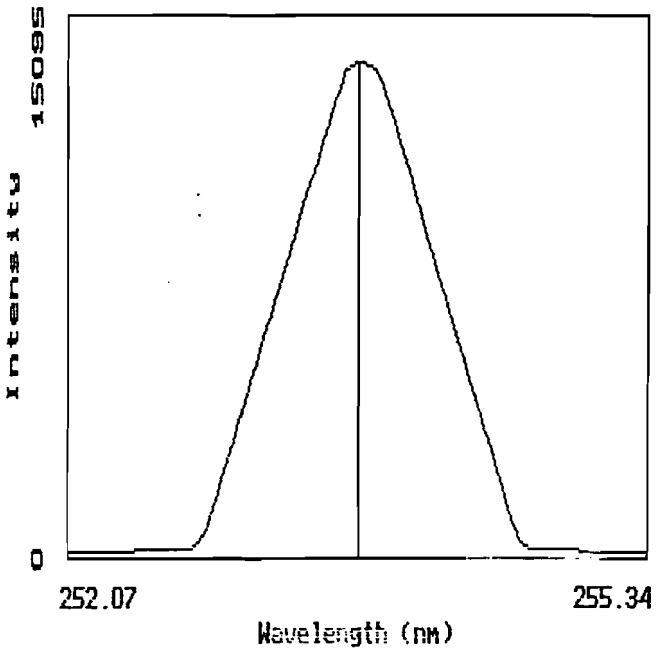
Peak Offset: None

Wavelength : 253.70
Intensity : 13581

Inst Offset: 0
D/A Number : 26752

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

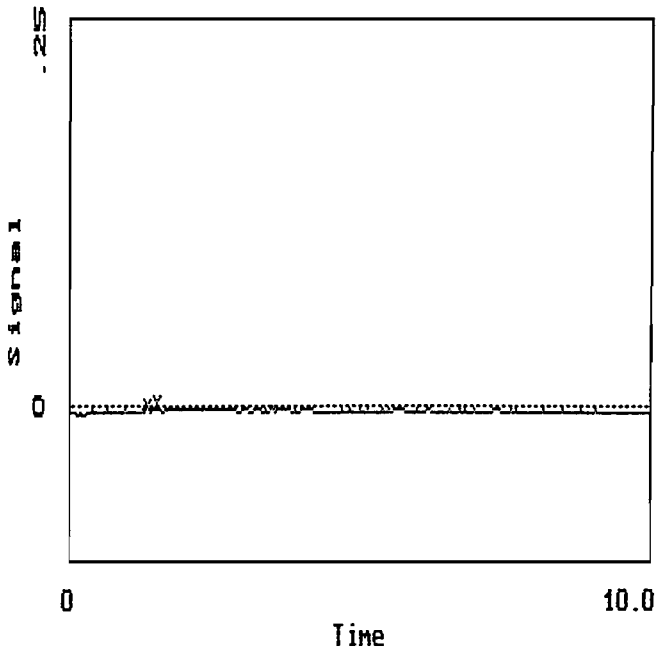
Wavelength : 253.70
Intensity : 13723

Inst Offset: 0
D/A Number : 26752

Method: HG Standard: BlankSTD 08/09/96 10:01

xHg

#1 -.0014



Corrected ———

Uncorrected - - - - -

Standardization Rpt. Fri 08-09-96 10:03:19 AM page 1

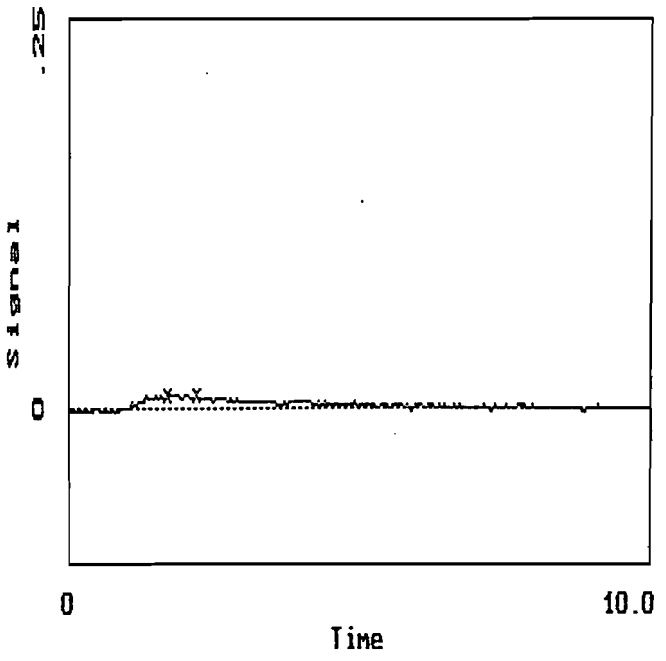
Method: HG Standard: BlankSTD Date: 08/09/96 10:01

Elem	Hg
Avge	-.0014

Method: HG Standard: std1 08/09/96 10:04

xHg

#1 .0078



Corrected ———
Uncorrected - - - - -

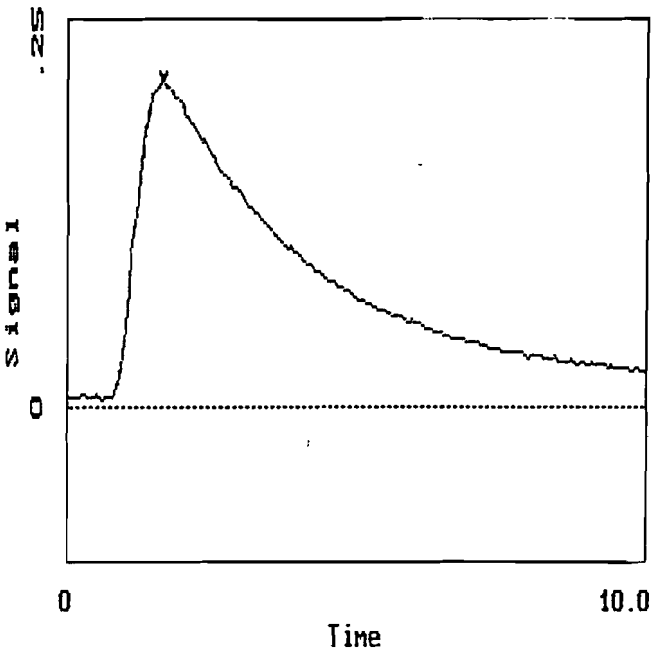
Method: HG Standard: std1 Date: 08/09/96 10:04

Item	Hg
Avge	.0078

Method: HG Standard: std2 08/09/96 10:09

xHg

#1 .2081



Corrected ———
Uncorrected - - - - -

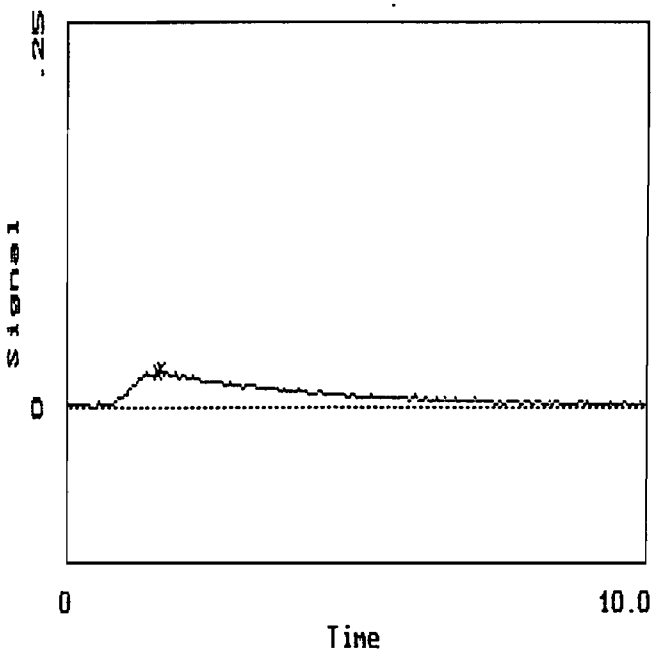
Method: HG Standard: std2 Date: 08/09/96 10:09

	Hg
Avge	.2081

Method: HG Standard: std2 08/09/96 10:15

xHg

#1 .0222



Corrected ——————

Uncorrected - - - - -

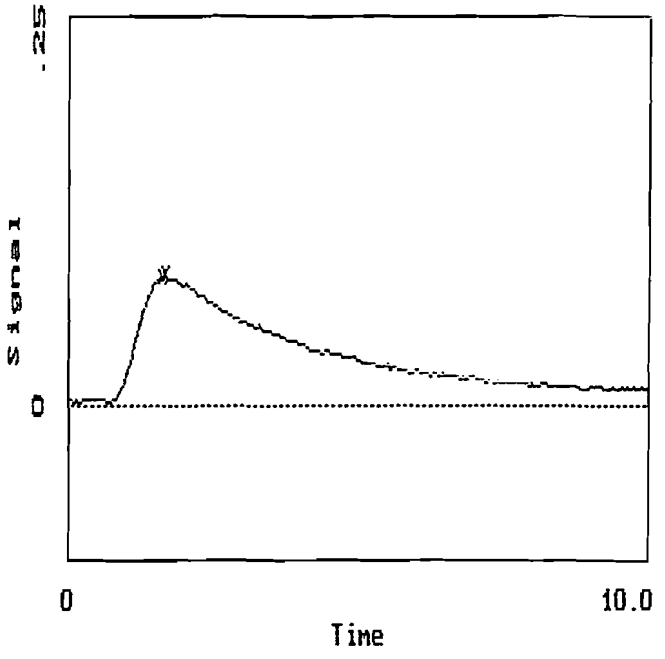
Method: HG Standard: std2 Date: 08/09/96 10:15

Item	Hg
Avge	.0222

Method: HG Standard: std3 08/09/96 10:19

xHg

#1 .0828



Corrected ———
Uncorrected - - - - -

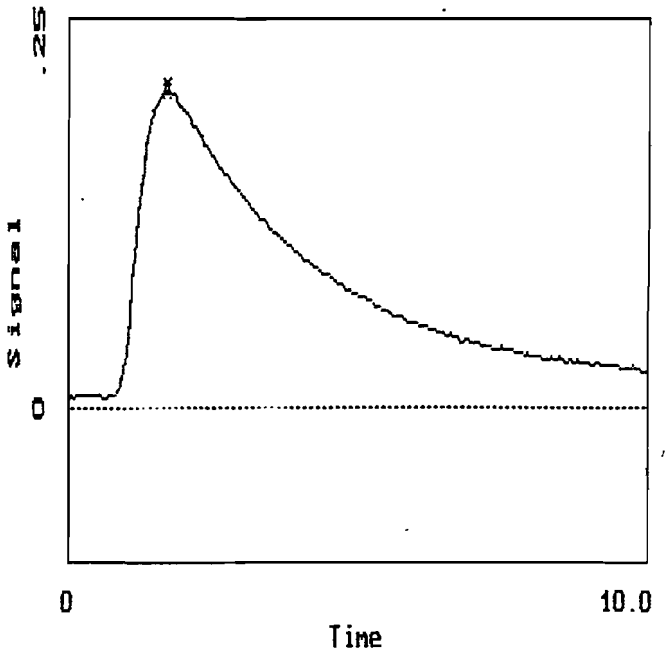
Method: HG Standard: std3 Date: 08/09/96 10:19

lem	Hg
Avge	.0828

Method: HG Standard: std4 08/09/96 10:22

xHg

#1 .2826



Corrected ———
Uncorrected - - - - -

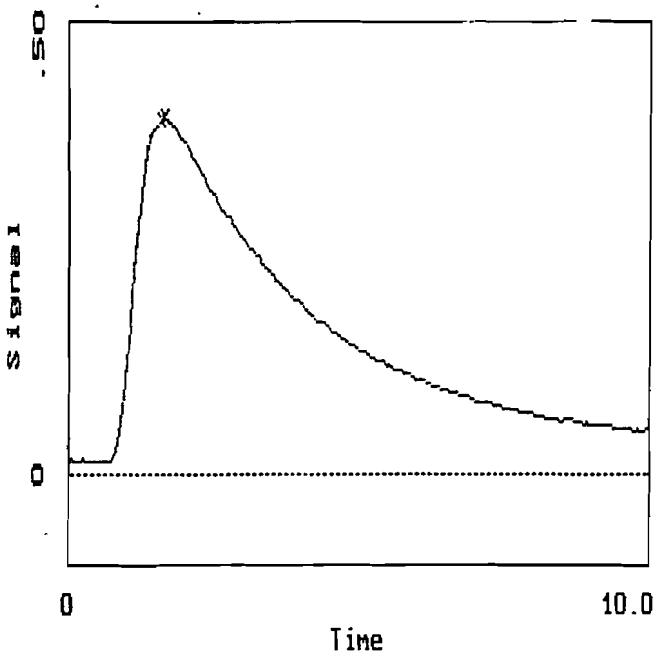
Method: HG Standard: std4 Date: 08/09/96 10:22

Elem	Hg
Avge	.2026

Method: HG Standard: std5 08/09/96 10:26

xHg

#1 .3989



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Fri 08-09-96 10:28:52 AM page 1

Method: HG Standard: std5 Date: 08/09/96 10:26

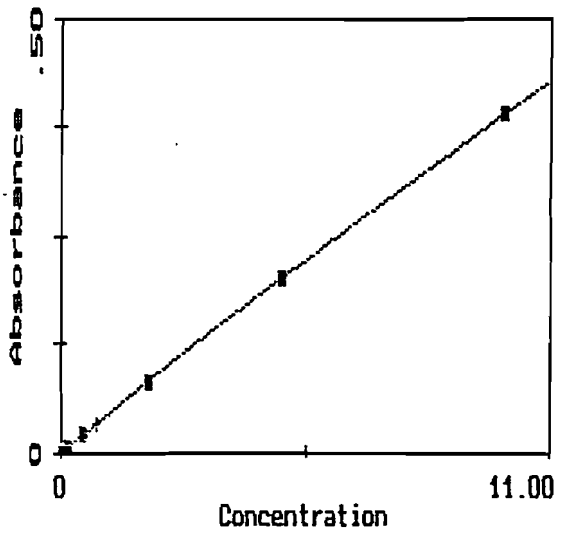
Elem	Hg
Avge	.3909

Method: HG Element: Hg Wavelength: 253.70 Element 1 of 1

Correlation Coefficient: .999575
Conc. Correlation: .999993

Coefficients
a1 = .042535 Abs : .033852
a2 = -.000477 Conc : .00292
a3 = .000013

Fit Cubic



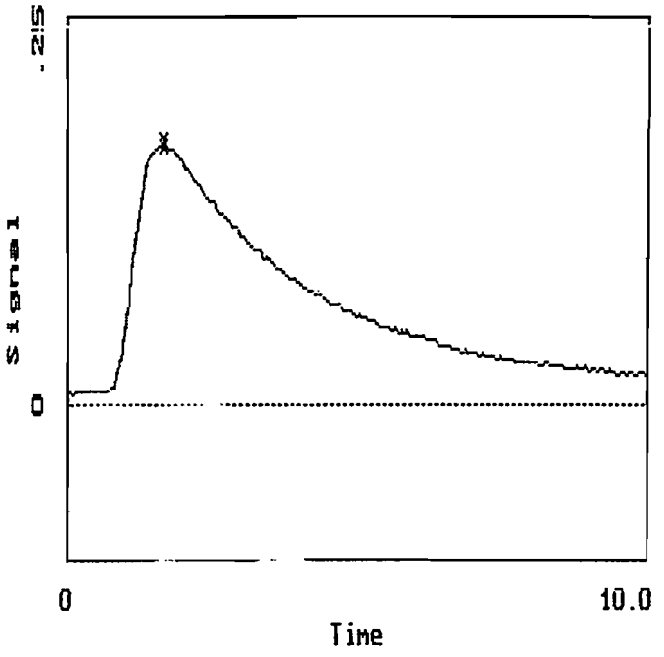
Date: 9 Aug 96 10:26
Slope corr.: 1

Standard:	BlankSTD	std1	std2	std3	std4	std5
Absorbance:	0.0000	.007761	.022196	.082863	.28251	.390887
Known conc.:	0	.2	.5	2	5	10
Calc. conc.:	0.0000	.182858	.524885	1.98856	5.00404	9.99938
Residual:	0.0000	-.017142	.024885	-.011441	.004037	-.000625

HG Unk Conc F:1 SN:ICV-1 08/09/96 10:33:00

xHg

#1 4.061



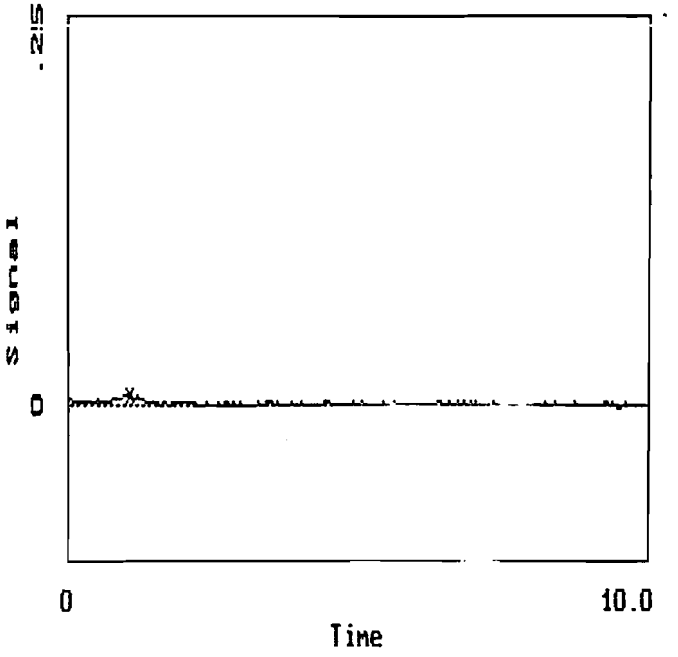
Corrected ———

Uncorrected - - - - -

HG Unk Conc F:1 SN:ICB-1 08/09/96 10:36:55

xHg

#1 .1418



Corrected ———
Uncorrected - - - - -

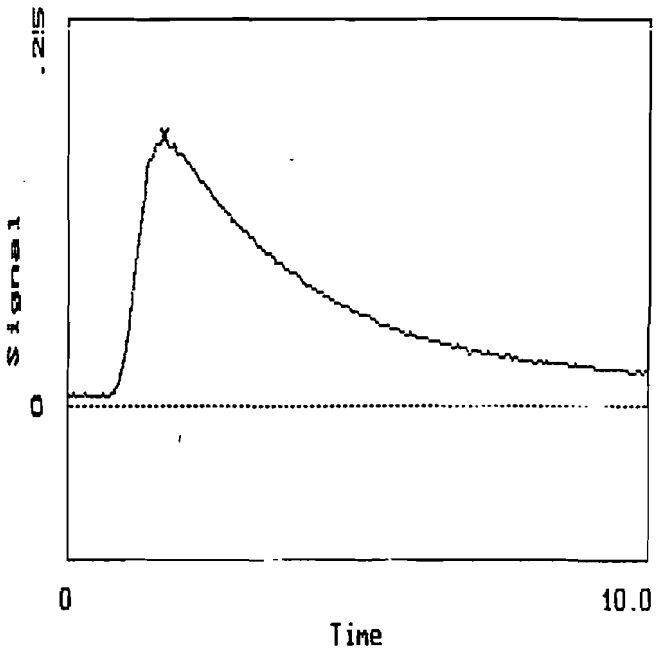
Method: HG Sample Name: IC8-1 Operator: VD
Run Time: 08/09/96 10:36:55
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1418

"G Unk Conc F:1 SN:CCV-1-1 08/09/96 10:41:28

xHg

#1 4.180



Corrected ———
Uncorrected - - - - -

Analysis Report Fri 08-09-96 10:43:46 AM page 1

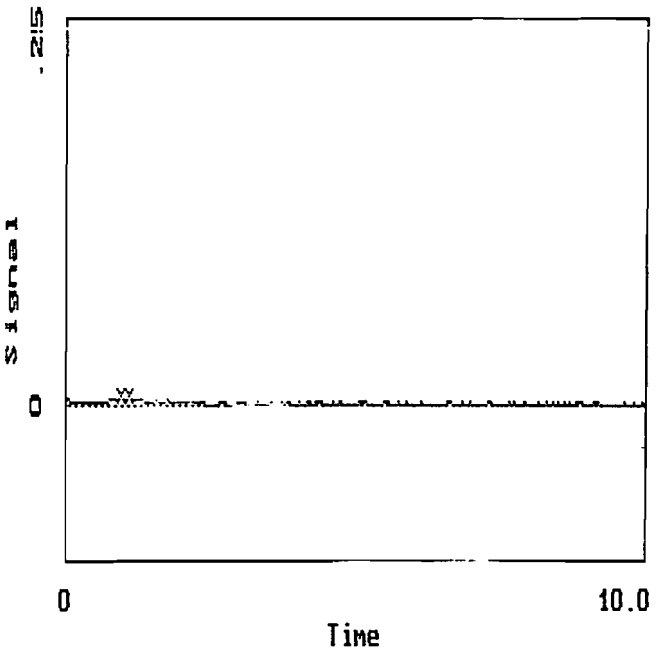
Method: HG Sample Name: CCV-1-1 Operator: VD
Run Time: 08/09/96 10:41:28
omment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.180

HG Unk Conc F:1 SN:CCB-1-1 08/09/96 10:45:17

xHg

#1 .1357



Corrected ————

Uncorrected - - - - -

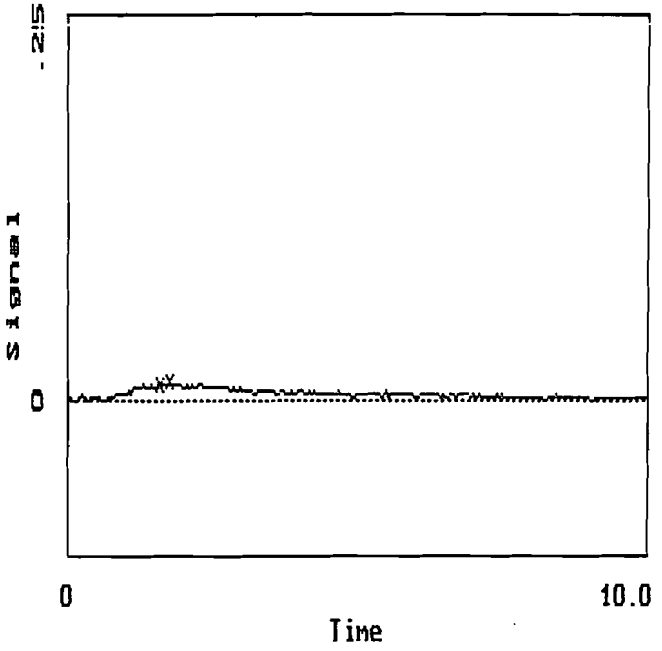
Method: HG Sample Name: CCB-1-1 Operator: VD
Run Time: 08/09/96 10:45:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1357

HG Unk Conc F:1 SN:CRA-1 08/09/96 10:49:15

xHg

#1 .2505



Corrected ———

Uncorrected - - - - -

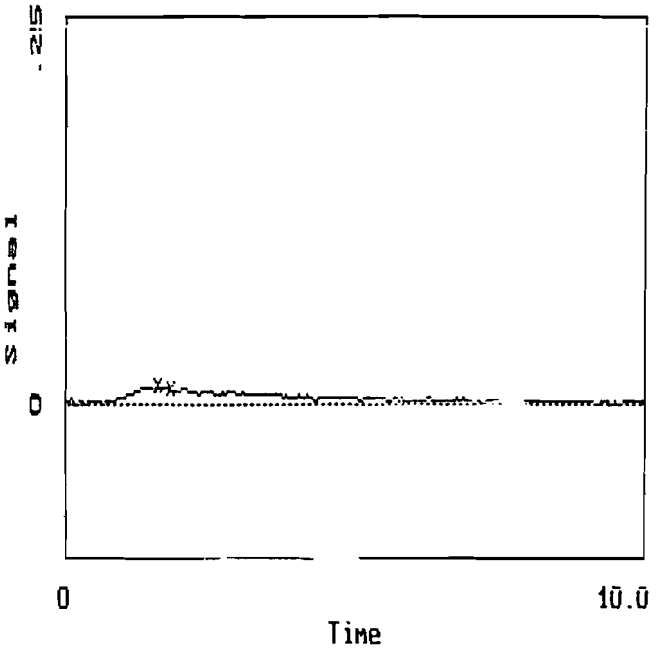
Method: HG Sample Name: CRA-1 Operator: VD
Run Time: 08/09/96 10:49:15
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.2505

HG Unk Conc F:1 SN:CRA-1 08/09/96 10:54:33

xHg

#1 .2505



Corrected ———

Uncorrected - - - - -

Analysis Report Fri 08-09-96 10:56:51 AM page 1

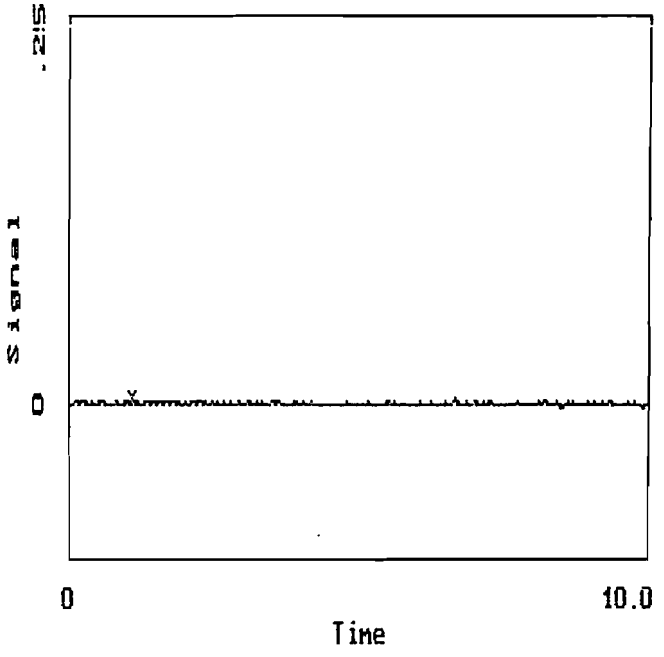
Method: HG Sample Name: CRA-1 Operator: VD
Run Time: 08/09/96 10:54:33
ament:
de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.2505

HG Unk Conc F:1 SN:PBW-2052 08/09/96 11:00:00

xHg

#1 .0679



Corrected ————
Uncorrected - - - - -

Analysis Report Fri 08-09-96 11:02:17 AM page 1

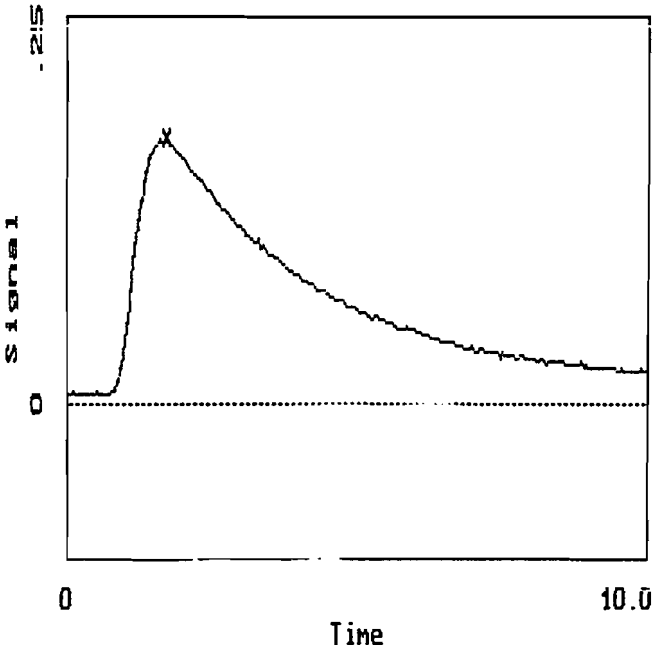
Method: HG Sample Name: PBW-2052 Operator: VD
Run Time: 08/09/96 11:00:00
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0679

HG Unk Conc F:1 SN:LCSW-2052 08/09/96 11:04:23

xHg

#1 4.141



Corrected ———

Uncorrected - - - - -

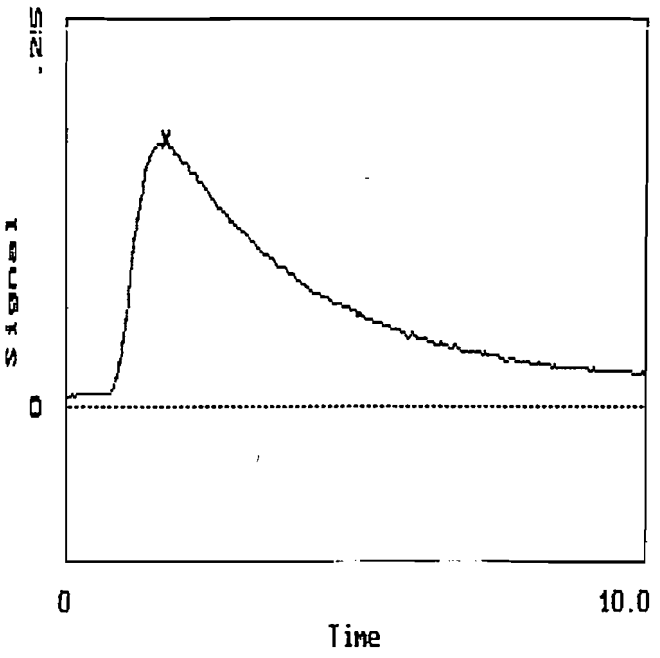
Method: HG Sample Name: LCSW-2052 Operator: VD
Run Time: 08/09/96 11:04:23
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.141

HG Unk Conc F:1 SN:LCSWD-2052 08/09/96 11:07:57

xHg

#1 4.134



Corrected ———
Uncorrected - - - - -

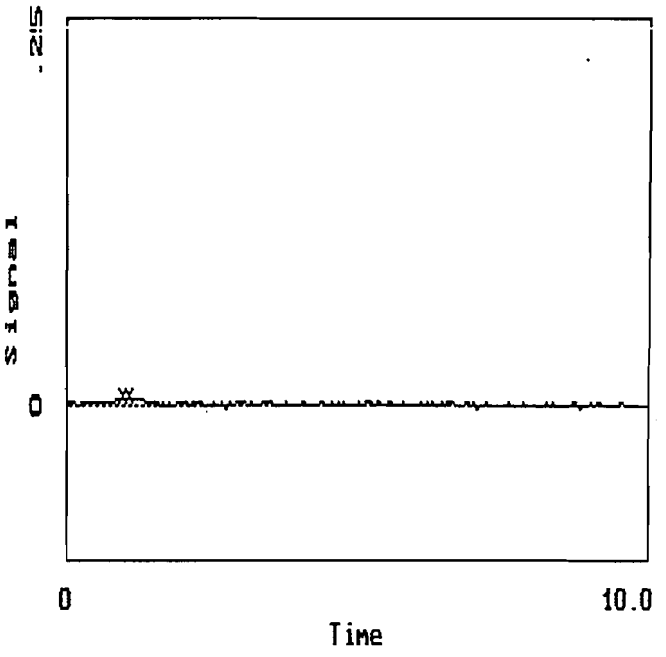
Method: HG Sample Name: LCSWD-2052 Operator: VD
Run Time: 08/09/96 11:07:57
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.134

HG Unk Conc F:1 SN:TCLPBLK-2052 08/09/96 11:11:53

xHg

#1 .1287



Corrected ———
Uncorrected - - - - -

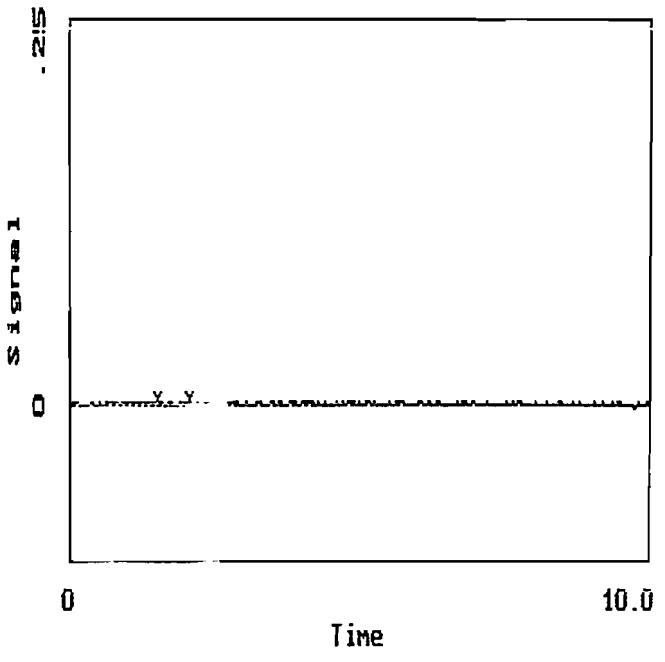
Method: HG Sample Name: TCLPBLK-2052 Operator: VD
Run Time: 08/09/96 11:11:53
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1207

HG Unk Conc F:1 SN:T608073-1 08/09/96 11:16:17

xHg

#1 .0653



Corrected ———
Uncorrected - - - - -

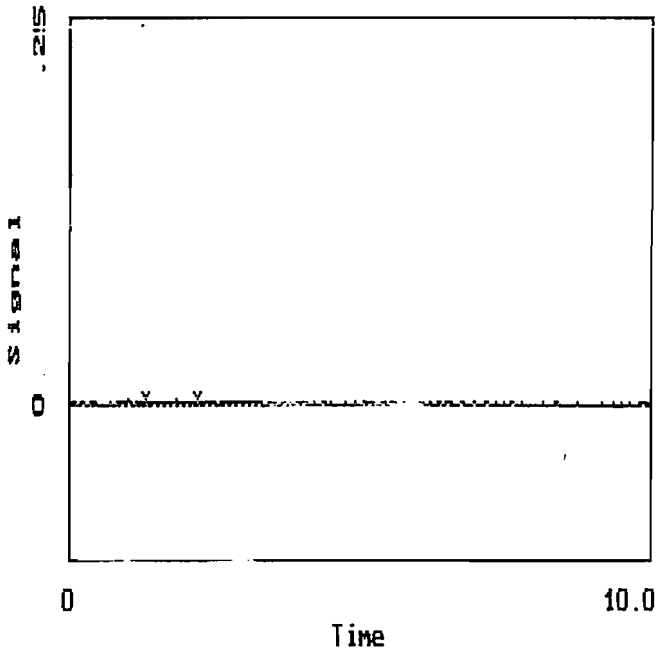
Method: HG Sample Name: T608073-1 Operator: VD
Run Time: 08/09/96 11:16:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0653

HG Unk Conc F:1 SN:I607501-1 08/09/96 11:20:26

xHg

#1 .0731



Corrected ———

Uncorrected - - - - -

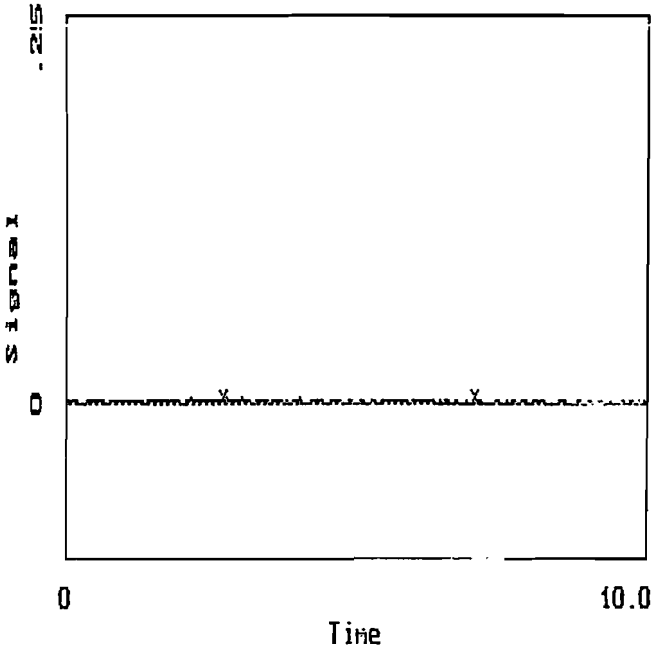
Method: HG Sample Name: T607501-1 Operator: VD
Run Time: 08/09/96 11:20:26
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0731

HG Unk Conc F:1 SN:I607501-2 08/09/96 11:25:42

xHg

#1 .0646



Corrected ———

Uncorrected - - - - -

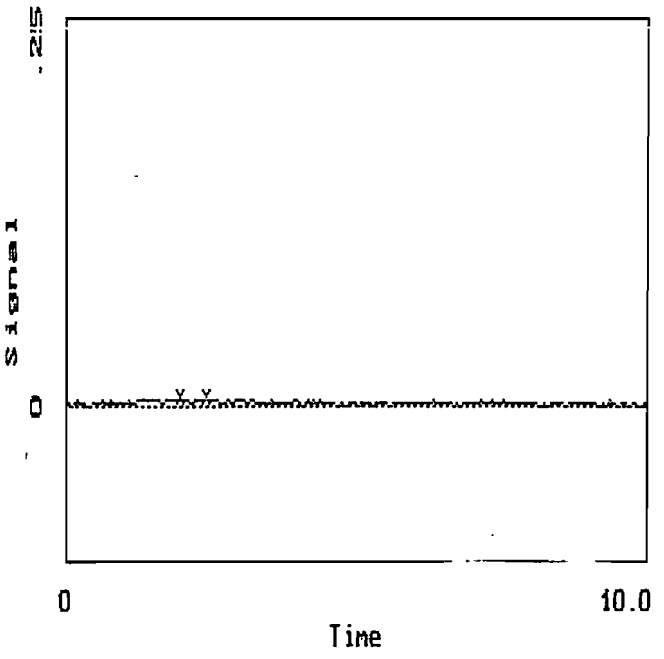
Method: HG Sample Name: T607501-? Operator: VD
Run Time: 08/09/96 11:25:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0646

HG Unk Conc F:1 SN:T608066-1 08/09/96 11:29:40

xHg

#1 .1158



Corrected ———

Uncorrected - - - - -

Analysis Report Fri 08-09-96 11:31:57 AM page 1

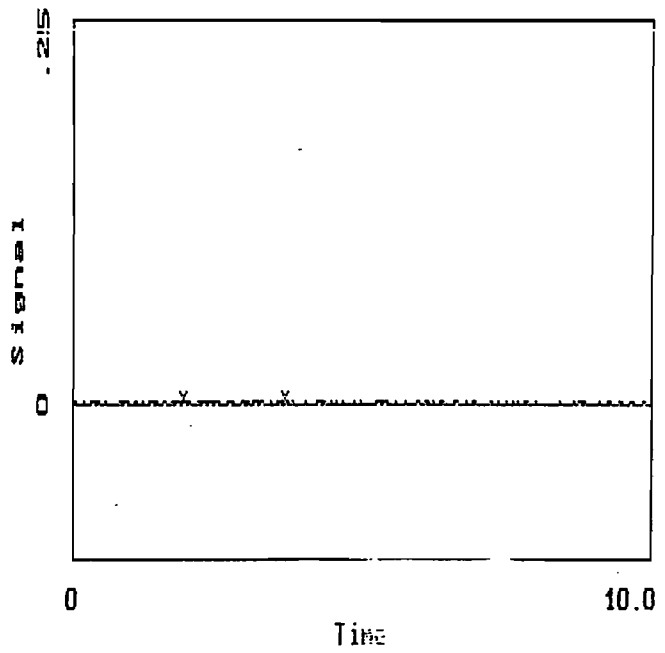
Method: HG Sample Name: T608066-1 Operator: VD
Run Time: 08/09/96 11:29:40
mment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1158

uG Unk Conc F:1 SN:I688066-2 08/09/96 11:33:17

xHg

#1 .0616



Corrected ———

Uncorrected - - - - -

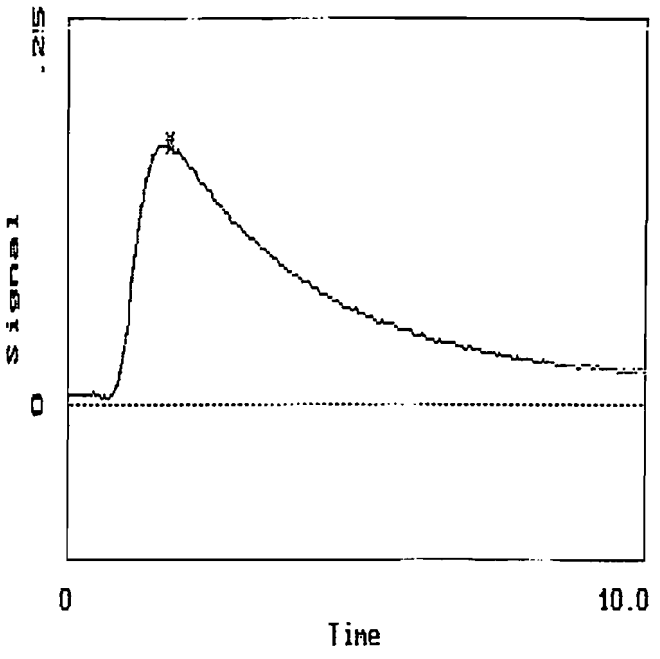
Method: HG Sample Name: T608066-2 Operator: VD
Run Time: 08/09/96 11:33:17
mment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0616

HG Unk Conc F:1 SN:CCV-1-2 08/09/96 11:37:01

xHg

#1 4.067



Corrected ———

Uncorrected - - - - -

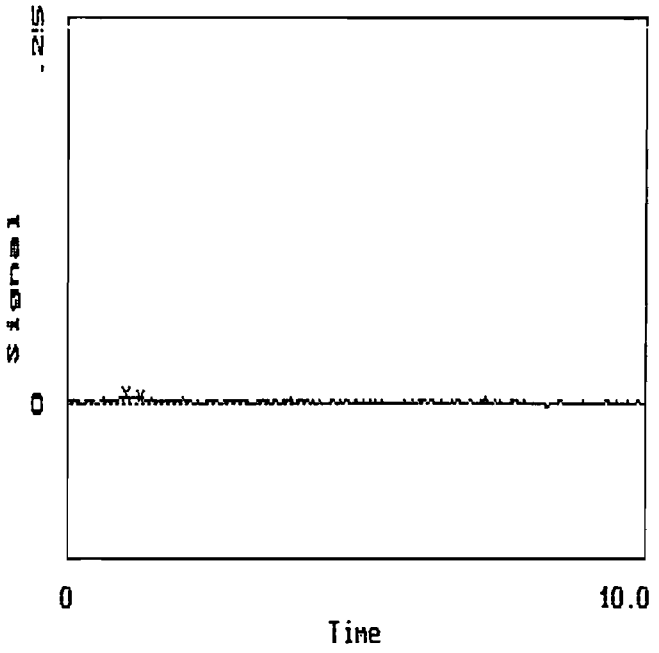
Method: HG Sample Name: CCV-1-2 Operator: VD
Run Time: 08/09/96 11:37:01
ment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.067

HG Unk Conc F:1 SN:CCB-1-2 08/09/96 11:40:32

xHg

#1 .0974



Corrected ———
Uncorrected - - - - -

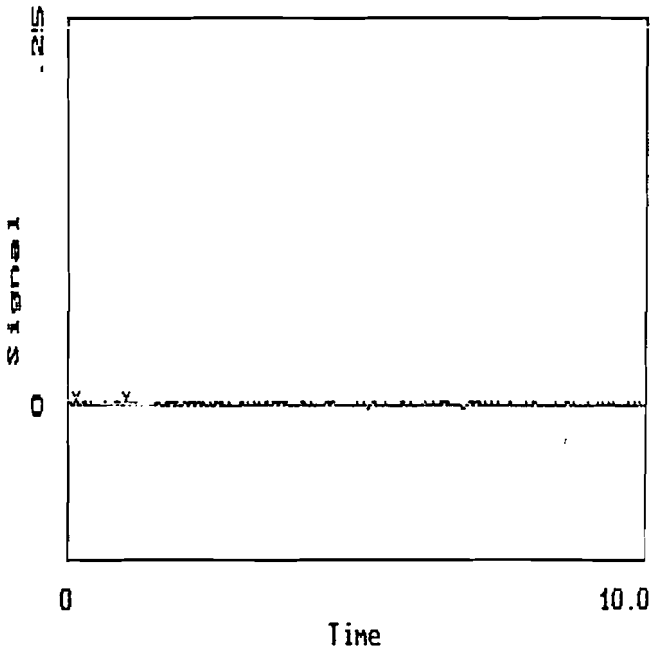
Method: HG Sample Name: CCB-1-2 Operator: VD
Run Time: 08/09/96 11:40:32
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0974

HG Unk Conc F:1 SN:T608866-3 08/09/96 11:44:54

xHg

#1 .0629



Corrected ————

Uncorrected - - - - -

Analysis Report Fri 08-09-96 11:47:11 AM page 1

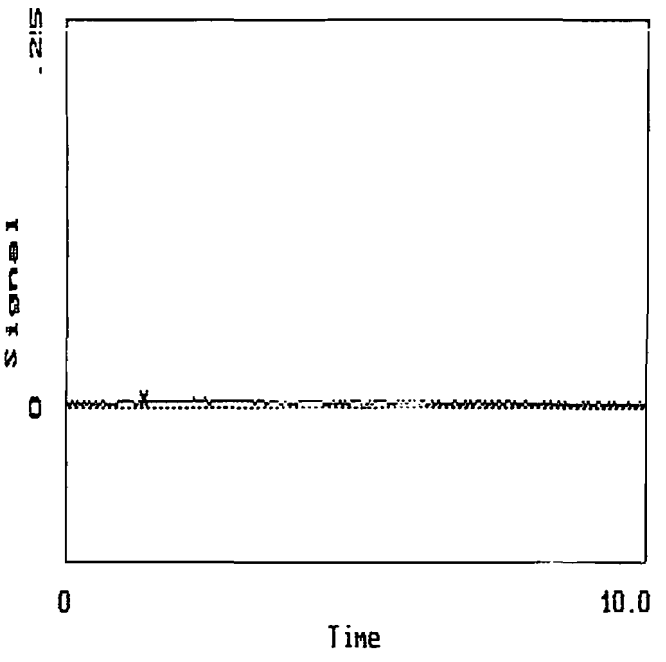
Method: HG Sample Name: T608066-3 Operator: VD
Run Time: 08/09/96 11:44:54
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0629

HG Unk Conc F:1 SN:T6[illegible]66-4 08/09/96 11:48:31

xHg

#1 .1227



Corrected ————

Uncorrected - - - - -

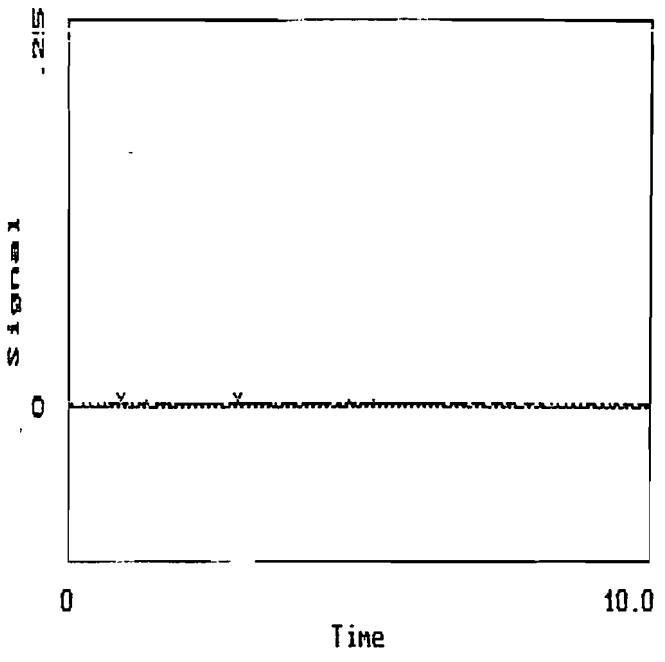
Method: HG Sample Name: T608066-4 Operator: VD
Run Time: 08/09/96 11:48:31
mment:
ode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1227

HG Unk Conc F:1 SN:T608066-5 08/09/96 11:52:11

xHg

#1 .0636



Corrected ———

Uncorrected - - - - -

Analysis Report . Fri 08-09-96 11:54:29 AM page 1

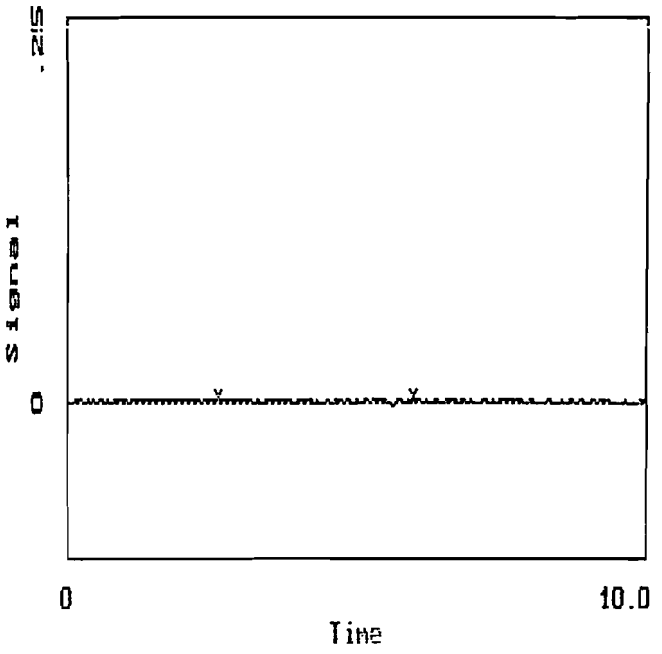
Method: HG Sample Name: T608066-5 Operator: VD
Run Time: 08/09/96 11:52:11
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0636

Hg Unk Conc F:1 SN:T600866-6 08/09/96 11:56:03

xHg

#1 .0894



Corrected ———

Uncorrected - - - - -

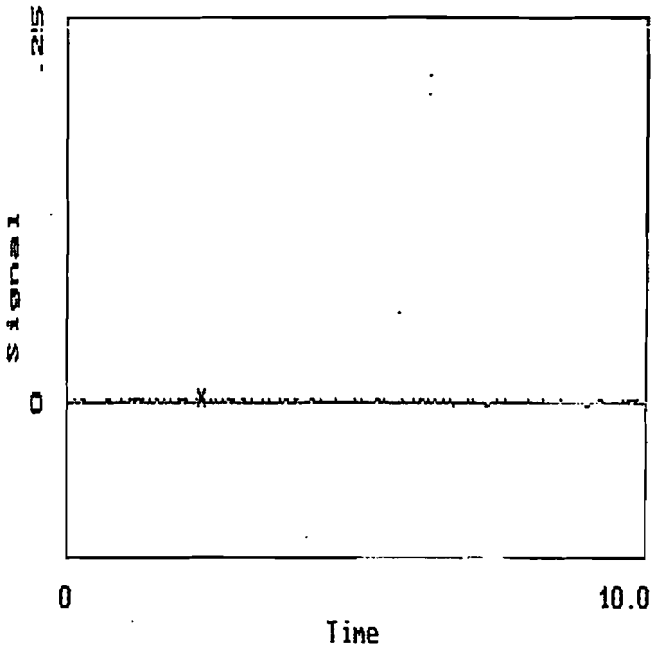
Method: HG Sample Name: T608066-6 Operator: VD
Run Time: 08/09/96 11:56:03
Comment:
ode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0894

HG Unk Conc F:1 SN:I608066-7 08/09/96 11:59:45

xHg

#1 .0515



Corrected ———

Uncorrected - - - - -

Analysis Report Fri 08-09-96 12:02:02 PM page 1

Method: HG Sample Name: T608066-7 Operator: VD
Run Time: 08/09/96 11:59:45
`omment:
Mode: Conc Corr. Factor: 1

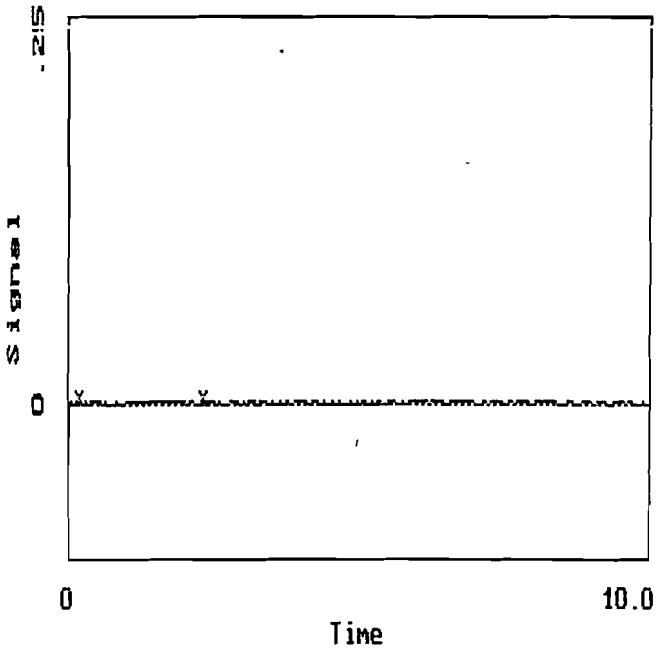
Elem	Hg
Units	ppb
Avge	.0515

0476

HG Unk Conc F:1 SN:T608066-8 08/09/96 12:03:42

xHg

#1 .0639



Corrected ———
Uncorrected - - - - -

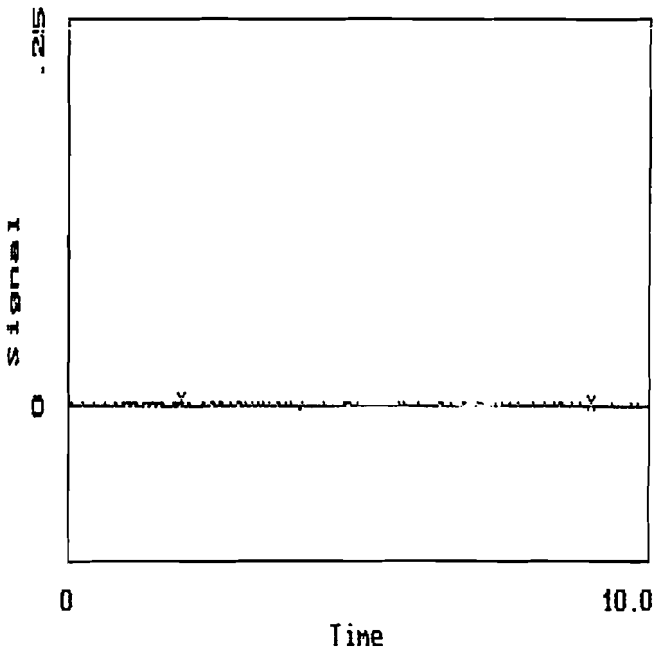
Method: HG Sample Name: T608066-8 Operator: VD
Run Time: 08/09/96 12:03:42
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0639

HG Unk Conc F:1 SN:T600866-9 08/09/96 12:07:21

xHg

#1 .0591



Corrected ———
Uncorrected - - - - -

Analysis Report Fri 08-09-96 12:09:38 PM page 1

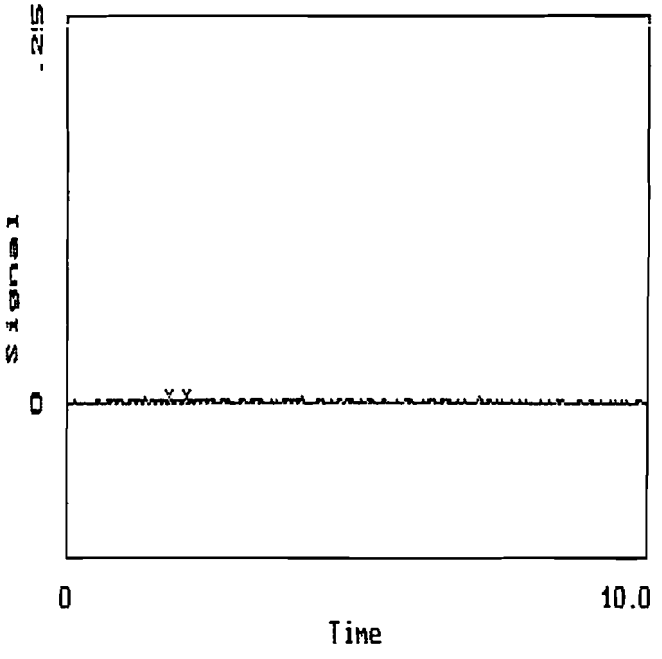
Method: HG Sample Name: T608066-9 Operator: VD
Run Time: 08/09/96 12:07:21
mment:
ode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0591

HG Unk Conc F:1 SN:T600066-10 08/09/96 12:11:14

xHg

#1 .0703



Corrected
Uncorrected

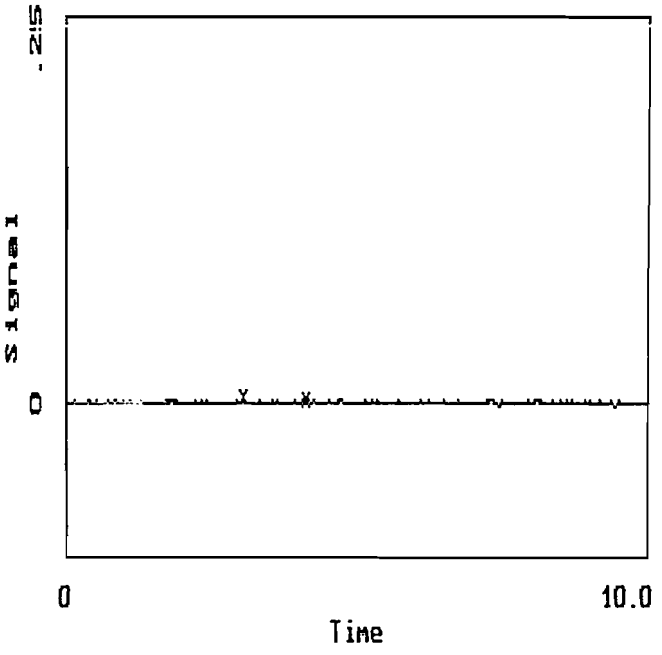
Method: HG Sample Name: T608066-10 Operator: VD
Run Time: 08/09/96 12:11:14
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0703

HG Unk Conc F:1 SN:T608066-11 08/09/96 12:14:38

xHg

#1 .0472



Corrected ———

Uncorrected - - - - -

Analysis Report Fri 08-09-96 12:16:55 PM page 1

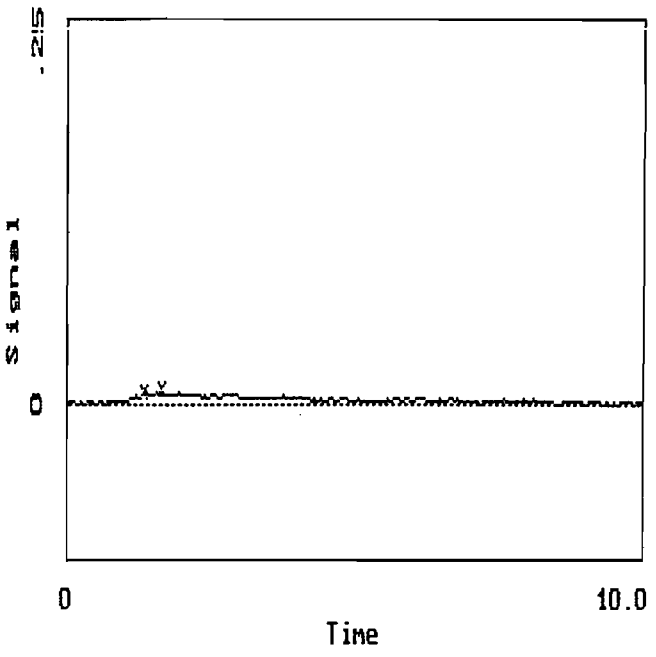
Method: HG Sample Name: T608066-11 Operator: VD
Run Time: 08/09/96 12:14:38
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0472

HG Unk Conc F:1 SN:T608066-12 08/09/96 12:20:48

xHg

#1 .1649



Corrected ———
Uncorrected - - - - -

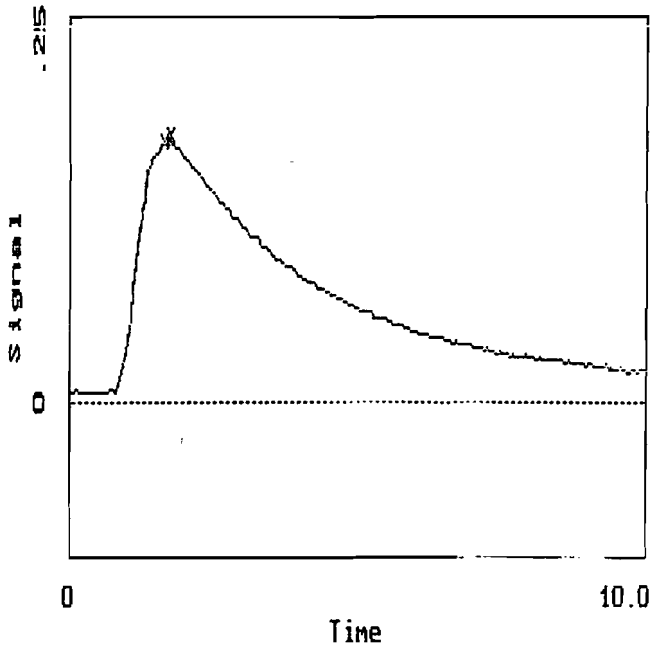
Method: HG Sample Name: T608066-12 Operator: VD
Run Time: 08/09/96 12:20:48
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1649

HG Unk Conc F:1 SN:CCV-1-3 08/09/96 12:24:35

xHg

#1 4.105



Corrected ———

Uncorrected - - - - -

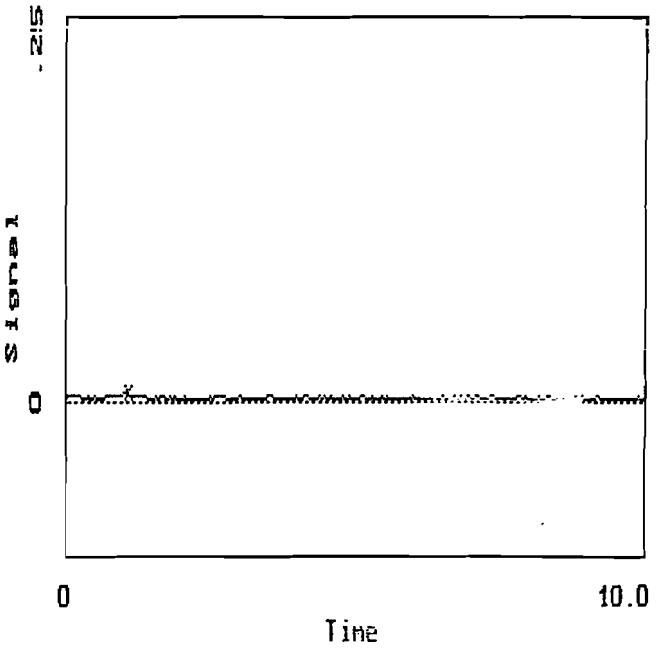
Method: HG Sample Name: CCV-1-3 Operator: VD
Run Time: 08/09/96 12:24:35
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.105

HG Unk Conc F:1 SN:CCB-1-3 08/09/96 12:29:41

xHg

#1 .1332



Corrected —— —

Uncorrected - - - - -

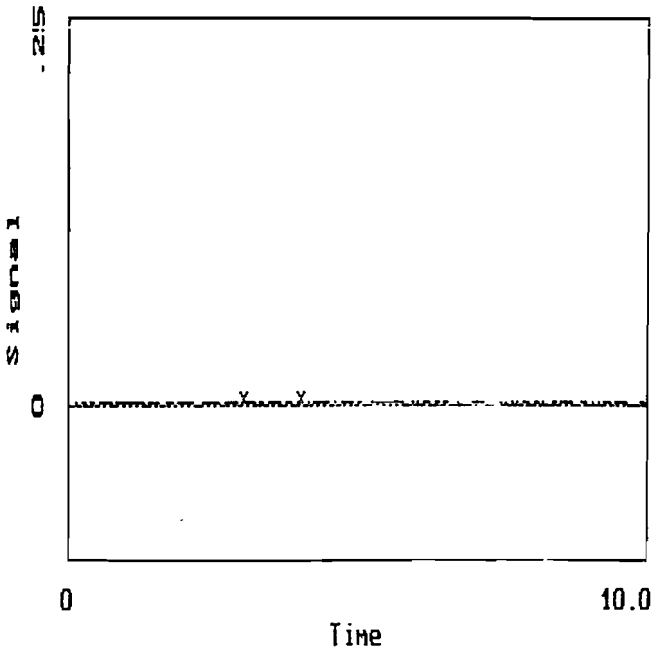
Method: HG Sample Name: CCB-1-3 Operator: VD
Run Time: 08/09/96 12:29:41
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1332

HG Unk Conc F:1 SN:T600866-13 08/09/96 12:33:16

xHg

#1 .0636



Corrected ————

Uncorrected - - - - -

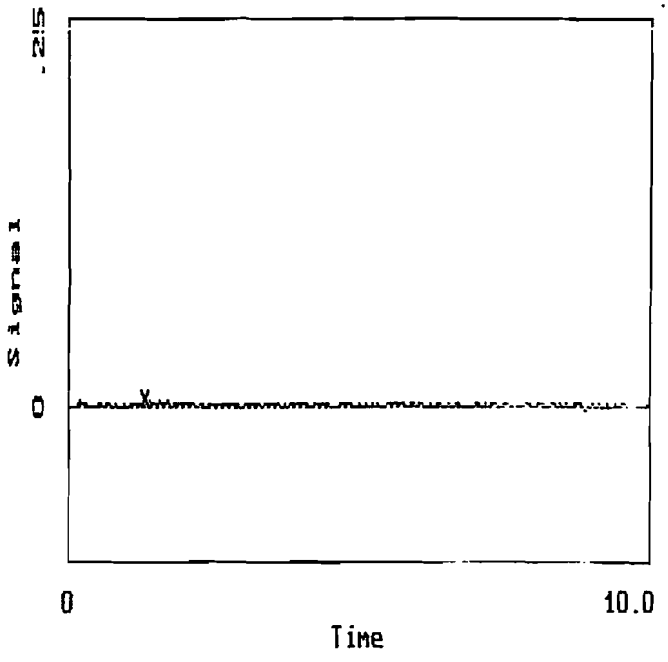
Method: HG Sample Name: T608066-13 Operator: VD
Run Time: 08/09/96 12:33:16
omment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0636

UC Unk Conc F:1 SN:T608066-14 08/09/96 12:37:09

xHg

#1 .0810



Corrected ———
Uncorrected - - - - -

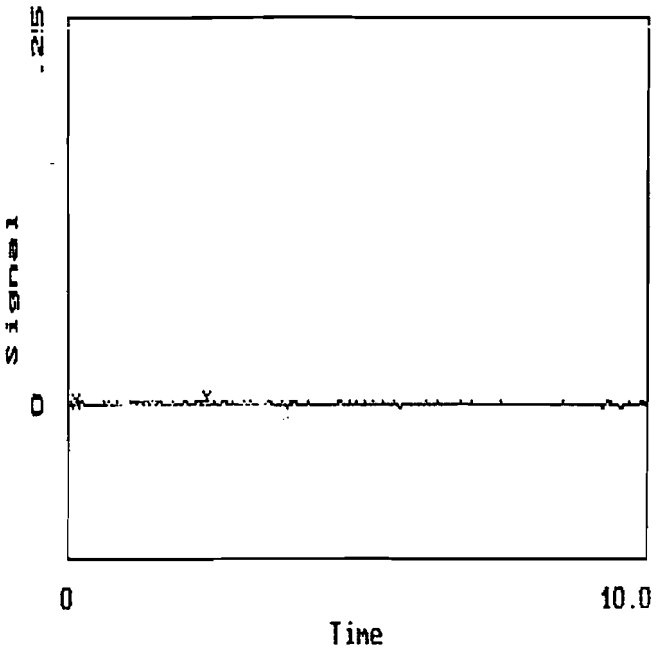
Method: HG Sample Name: T608066-14 Operator: VD
Run Time: 08/09/96 12:37:09
mment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0810

HG Unk Conc F:1 SN:T608066-14D 08/09/96 12:40:45

xHg

#1 .0475



Corrected ———
Uncorrected - - - - -

Analysis Report Fri 08-09-96 12:43:02 PM page 1

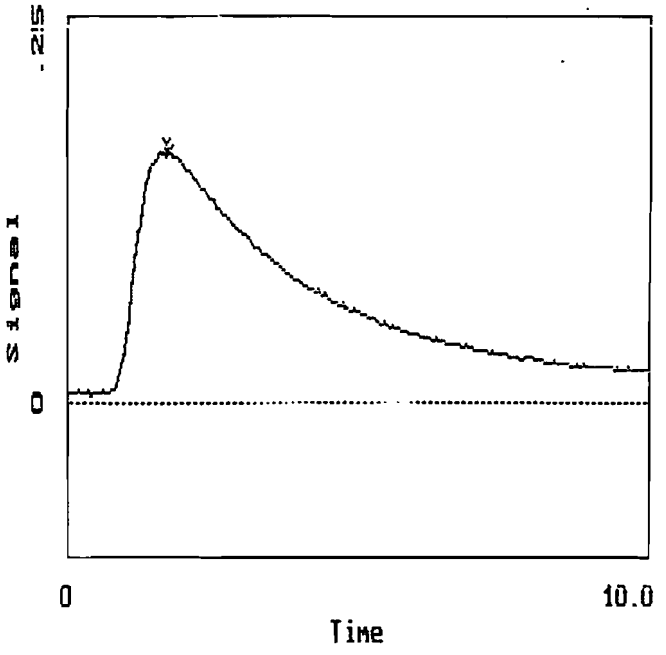
Method: HG Sample Name: T608066-14D Operator: VD
Time: 08/09/96 12:40:45
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0475

HG Unk Conc F:1 SN:I680866-14M5 08/09/96 12:44:45

xHg

#1 3.955



Corrected ———
Uncorrected - - - - -

Analysis Report Fri 08-09-96 12:47:02 PM page 1

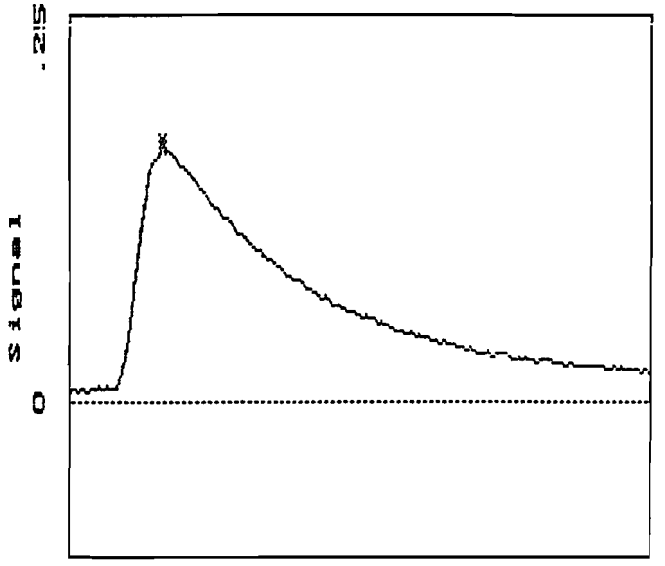
Method: HG Sample Name: T608066-14MS Operator: VD
Run Time: 08/09/96 12:44:45
ment:
de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	3.955

HG Unk Conc F:1 SN:T608866-14MSD 08/09/96 12:48:29

xHg

#1 3.984



Corrected ———
Uncorrected - - - - -

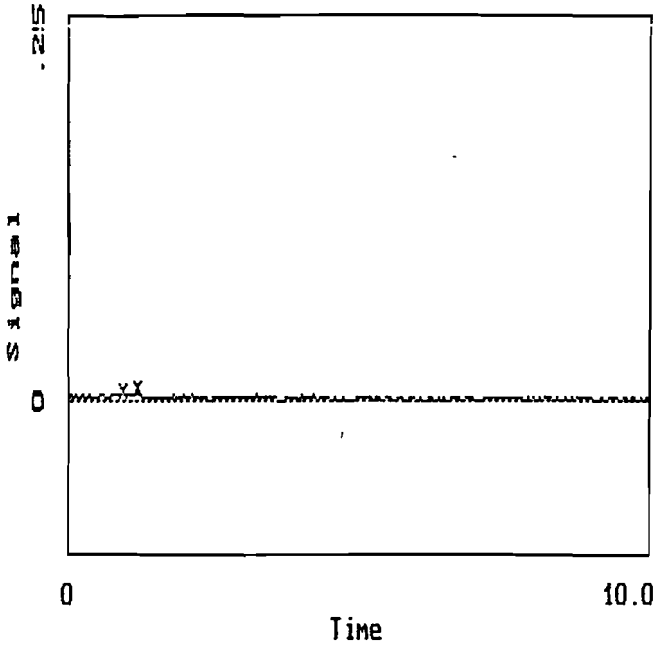
Method: HG Sample Name: T608066-14MSD Operator: VD
Run Time: 08/09/96 12:48:29
[illegible]ment:
[illegible]de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	3.984

HG Unk Conc F:1 SN:T680866-15 08/09/96 12:52:28

xHg

#1 .1098



Corrected ———
Uncorrected - - - - -

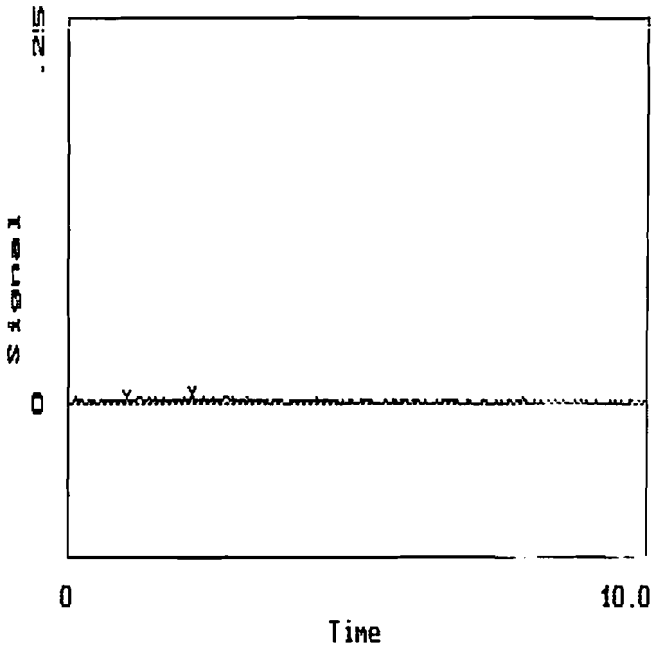
Method: HG Sample Name: T608066-15 Operator: VD
Run Time: 08/09/96 12:52:28
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1098

HG Unk Conc F:1 SN:T680866-16 08/09/96 12:56:24

xHg

#1 .0949



Corrected ———
Uncorrected - - - - -

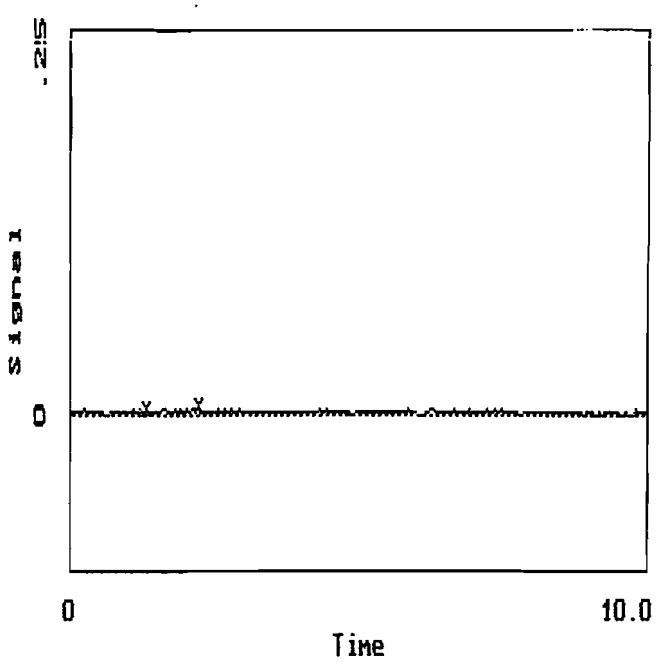
Method: HG Sample Name: T608066-16 Operator: VD
Run Time: 08/09/96 12:56:24
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0949

HG Unk Conc F:1 SN:T606522-2-SPLP 08/09/96 13:01:14

xHg

#1 .0883



Corrected ———
Uncorrected - - - - -

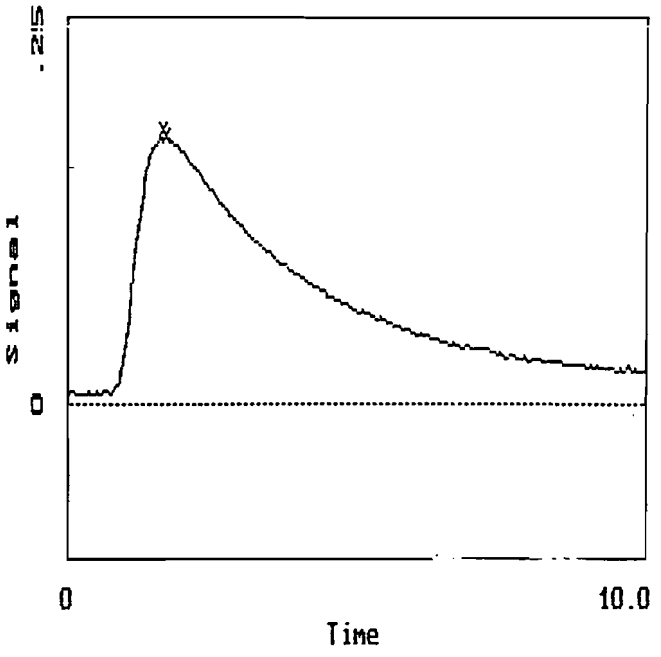
Method: HG Sample Name: T606522-2-SPLP Operator: VD
Run Time: 08/09/96 13:01:14
ment:
de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0883

HG Unk Conc F:1 SN:CCV-1-4 08/09/96 13:04:38

xHg

#1 4.182



Corrected ———

Uncorrected - - - - -

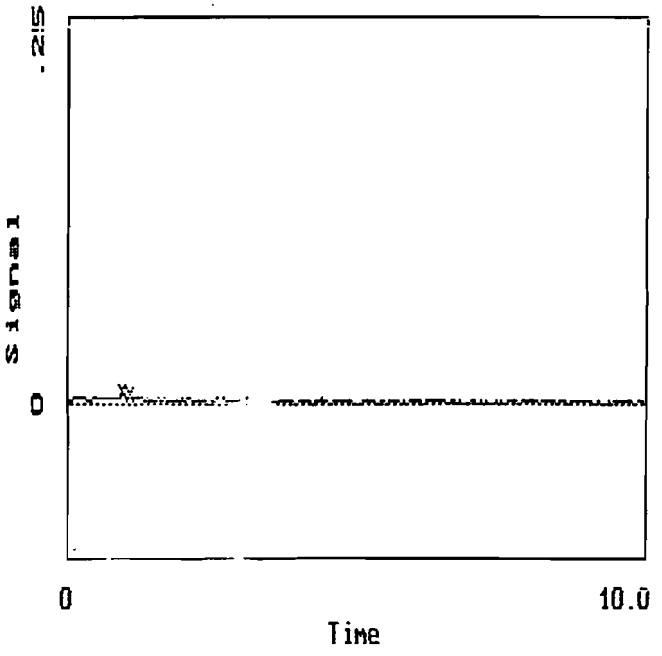
Method: HG Sample Name: CCV-1-4 Operator: VD
Run Time: 08/09/96 13:04:38
Comment:
de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.182

HG Unk Conc F:1 SN:CCB-1-4 08/09/96 13:08:43

xHg

#1 .1245



Corrected ———

Uncorrected - - - - -

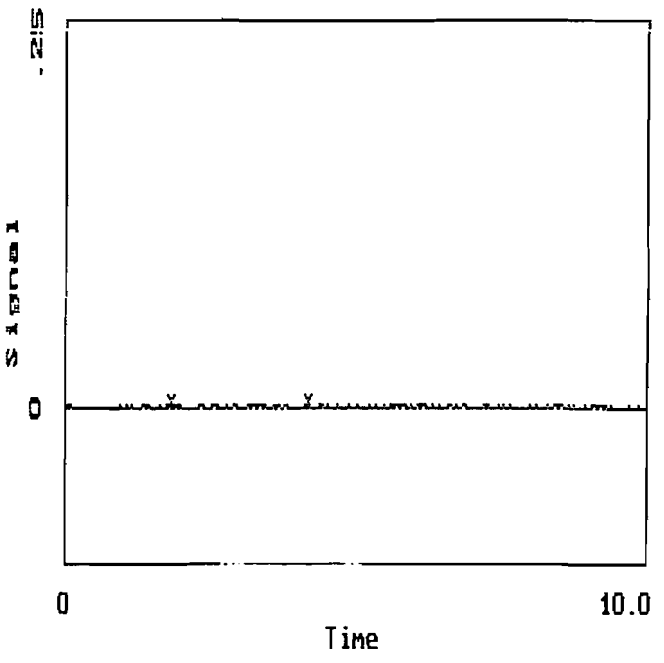
Method: HG Sample Name: CCB-1-4 Operator: VD
Run Time: 08/09/96 13:08:43
Comment:
)de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1245

HG Unk Conc F:1 SN:PBW-2042 08/09/96 14:09:29

xHg

#1 .0670



Corrected ———
Uncorrected - - - - -

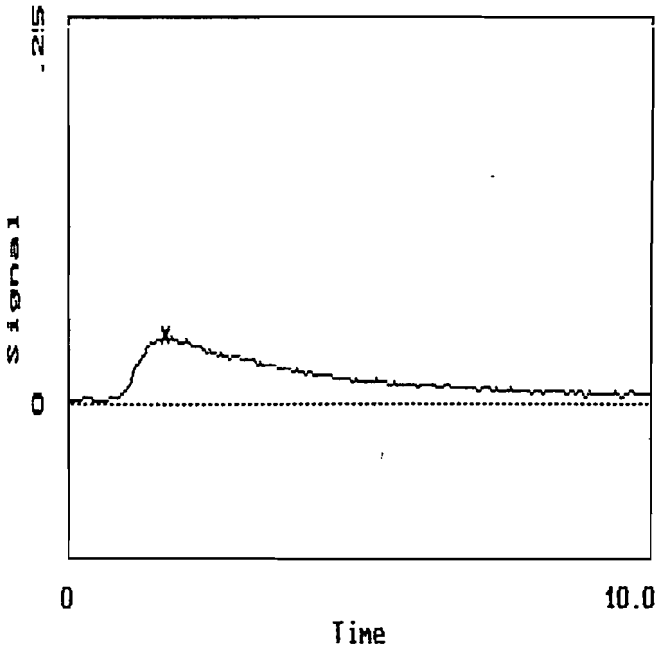
Method: HG Sample Name: PBW-2042 Operator: VD
Run Time: 08/09/96 14:09:29
Comment:
de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0670

HG Unk Conc F:1 SN:LCSW-2042 08/09/96 14:13:14

xHg

#1 1.022



Corrected ———

Uncorrected - - - - -

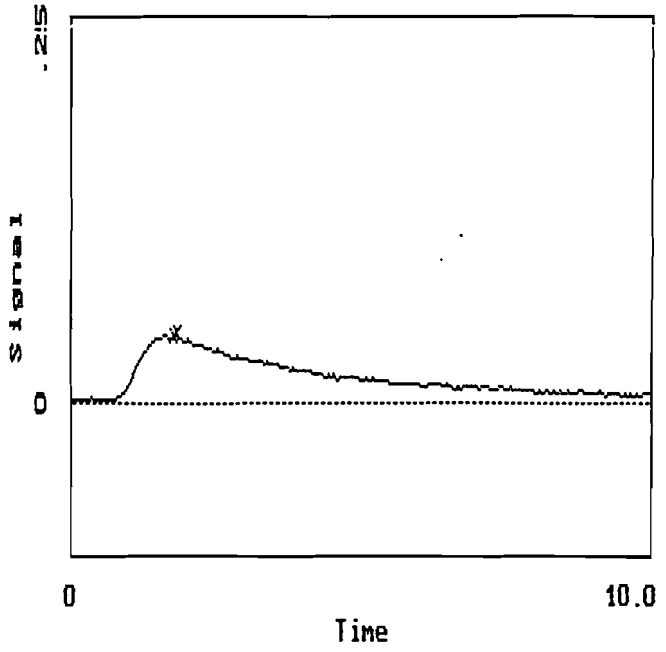
Method: HG Sample Name: LCSW-2042 Operator: VD
Run Time: 08/09/96 14:13:14
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.022

HG Unk Conc F:1 SN:LCSWD-2042 08/09/96 14:16:45

xHg

#1 1.014



Corrected ———
Uncorrected - - - - -

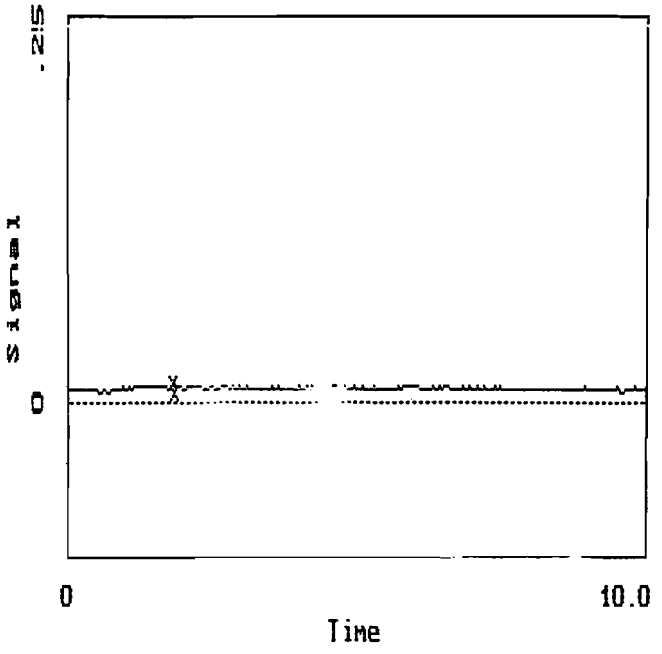
Method: HG Sample Name: LCSWD-2042 Operator: VD
Run Time: 08/09/96 14:16:45
Comment:
)de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.014

HG Unk Conc F:1 SN:I607239-4 08/09/96 14:20:44

xHg

#1 .2618



Corrected ———
Uncorrected - - - - -

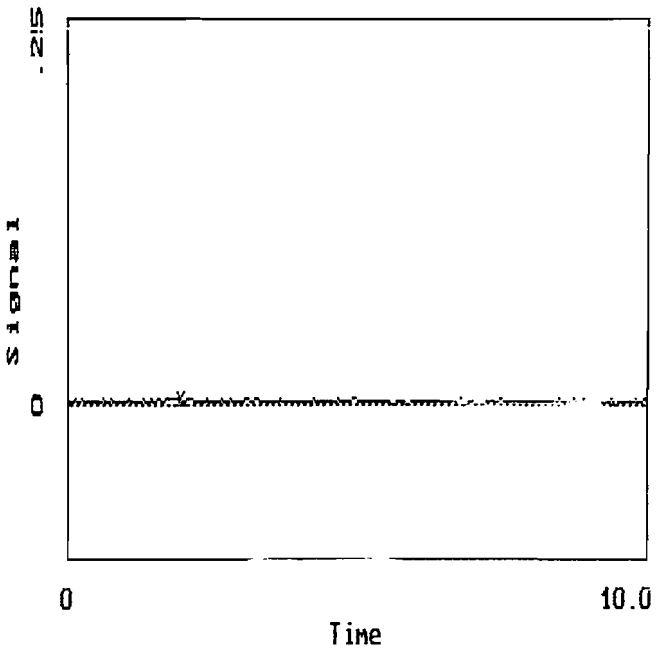
Method: HG Sample Name: T607239-4 Operator: VD
Run Time: 08/09/96 14:20:44
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.2618

HG Unk Conc F:1 SN:I607239-4D 08/09/96 14:24:58

xHg

#1 .0893



Corrected ———
Uncorrected - - - - -

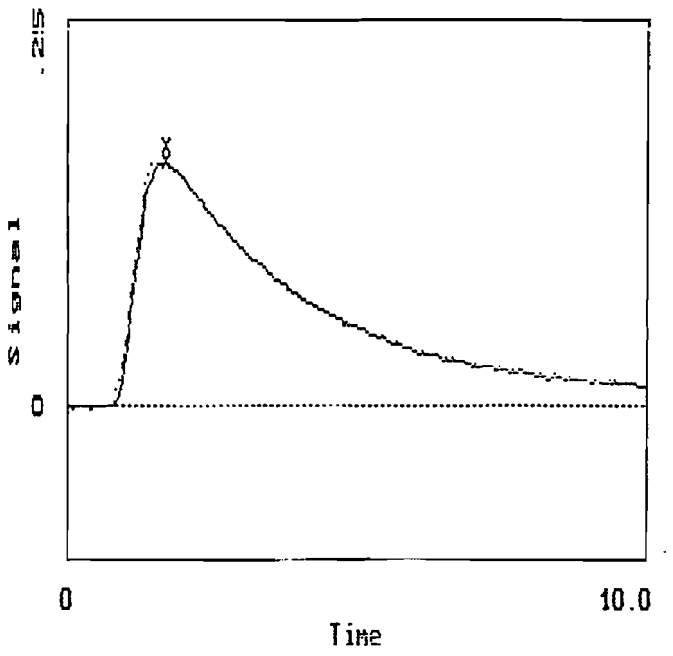
Method: HG Sample Name: T607239-4D Operator: VD
Run Time: 08/09/96 14:24:58
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0893

HG Unk Conc F:1 SN:I607239-4MS 08/09/96 14:28:37

xHg

#1 3.836



Corrected ———

Uncorrected - - - - -

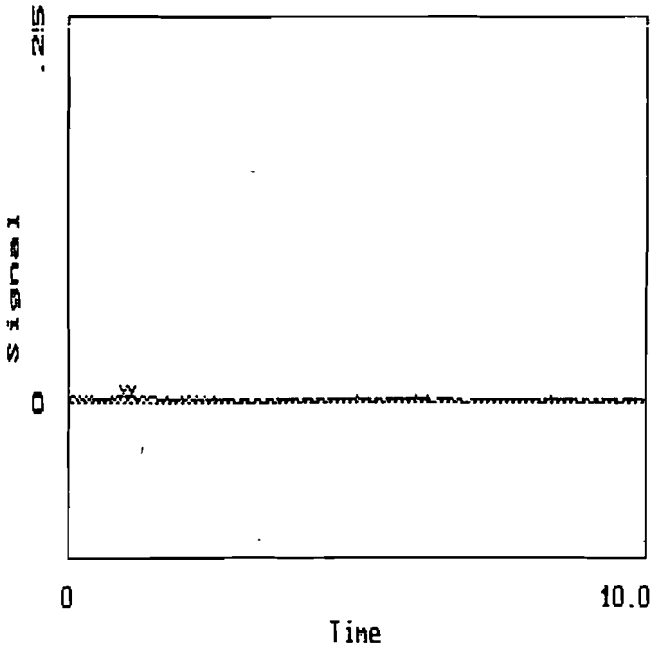
Method: HG Sample Name: T607239-4MS Operator: VD
Run Time: 08/09/96 14:28:37
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	3.836

HC Unk Conc F:1 SN:T607239-8 08/09/96 14:37:40

xHg

#1 .1231



Corrected ———
Uncorrected - - - - -

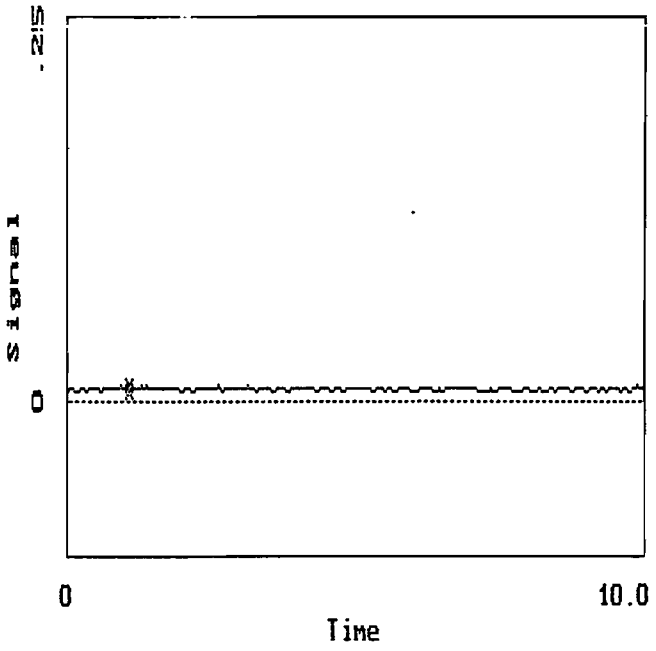
Method: HG Sample Name: T607239-8 Operator: VD
Run Time: 08/09/96 14:37:40
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1231

HG Unk Conc F:1 SN:T687239-13 08/09/96 14:41:54

xHg

#1 .2280



Corrected ———

Uncorrected - - - - -

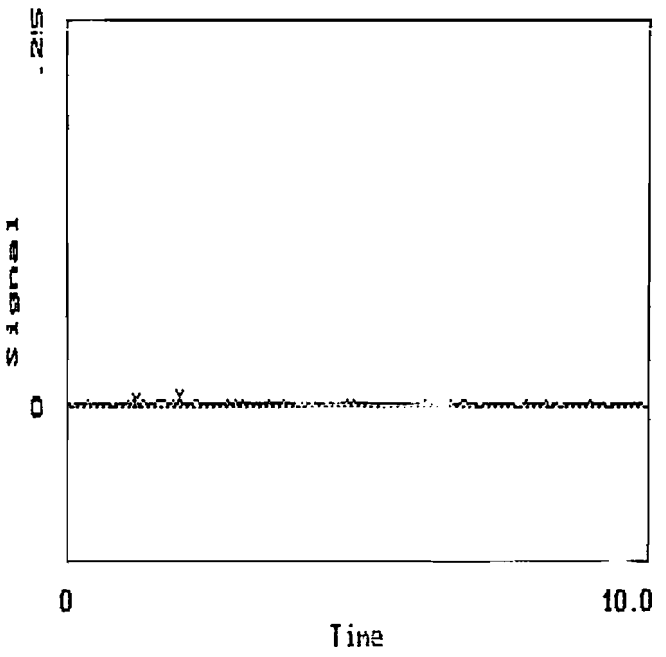
Method: HG Sample Name: T607239-13 Operator: VD
Run Time: 08/09/96 14:41:54
Comment:
ode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.2200

HG Unk Conc F:1 SN:T607354-1 08/09/96 14:46:53

xHg

#1 .0894



Corrected ———

Uncorrected - - - - -

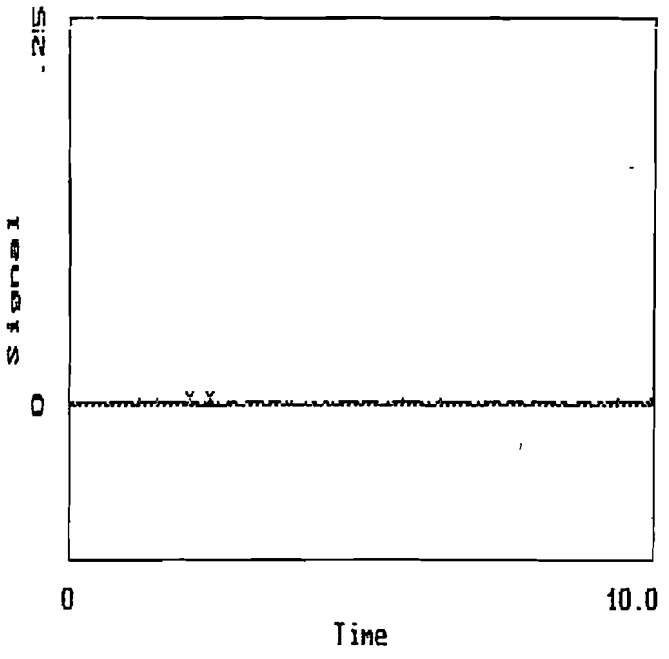
Method: HG Sample Name: T607354-1 Operator: VD
Run Time: 08/07/96 14:46:53
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0894

HG Unk Conc F:1 SN:I607354-1D 08/09/96 14:50:53

xHg

#1 .0007



Corrected — ——

Uncorrected - - - - -

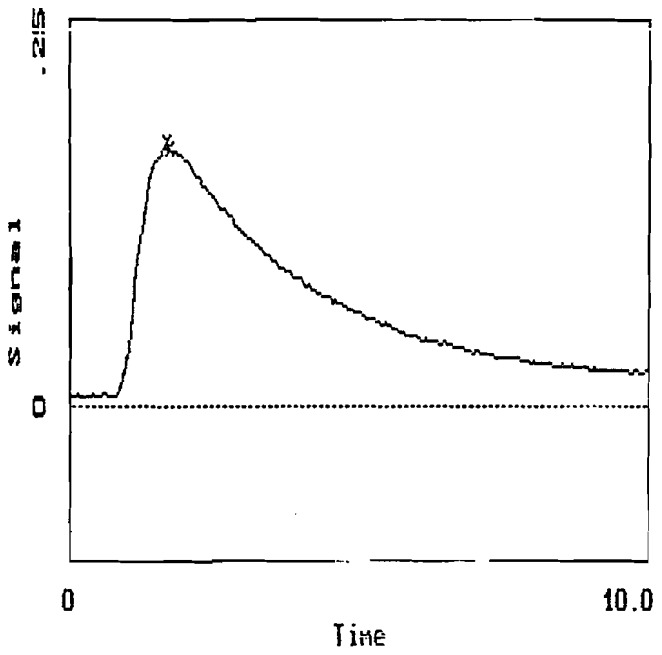
Method: HG Sample Name: T607354-1D Operator: VD
Run Time: 08/09/96 14:50:53
mment:
de: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0807

HG Unk Conc F:1 SN:CCV-1-5 08/09/96 14:55:45

xHg

#1 4.064



Corrected ———

Uncorrected - - - - -

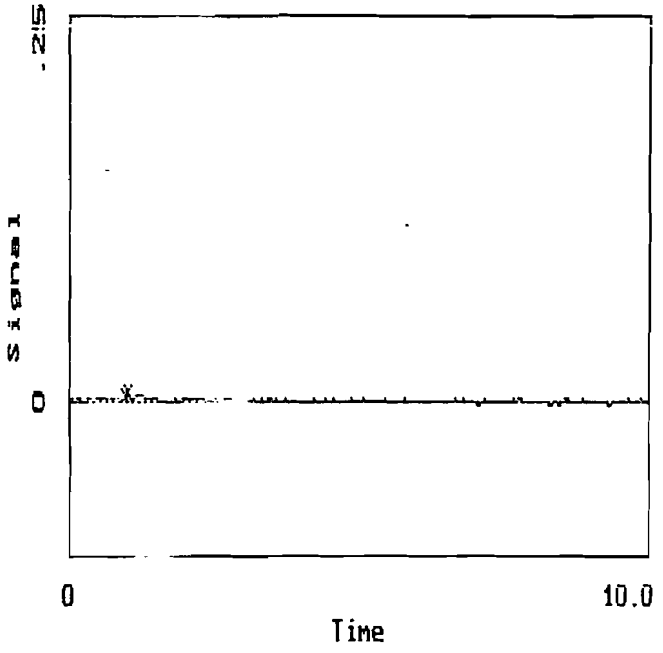
Method: HG Sample Name: CCV-1-5 Operator: VD
Run Time: 08/09/96 14:55:45
[illegible]ment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.064

HG Unk Conc F:1 SN:CCB-1-5 08/09/96 15:00:14

xHg

#1 .0704



Corrected ————

Uncorrected - - - - -

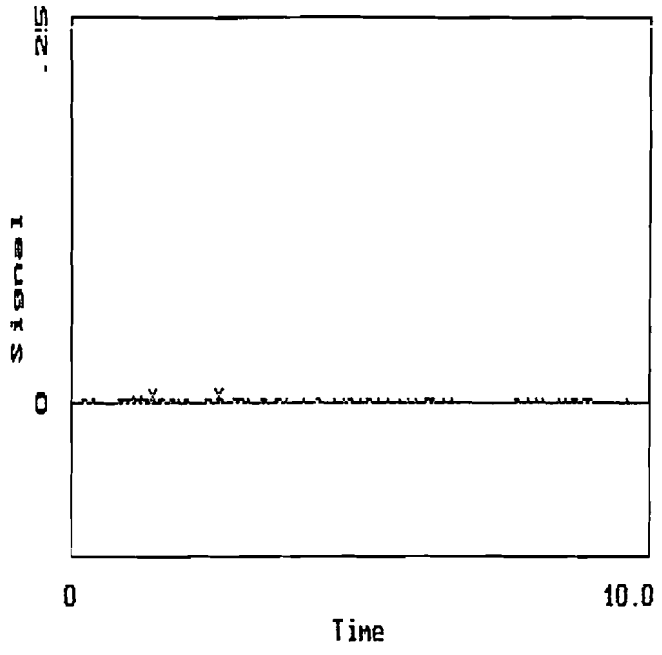
Method: HG Sample Name: CCB-1-5 Operator: VD
Run Time: 08/09/96 15:00:14
ment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0704

uc Unk Conc F:1 SN:I607354-1MS 08/09/96 15:03:55

xHg

#1 .0733



Corrected ———
Uncorrected - - - - -

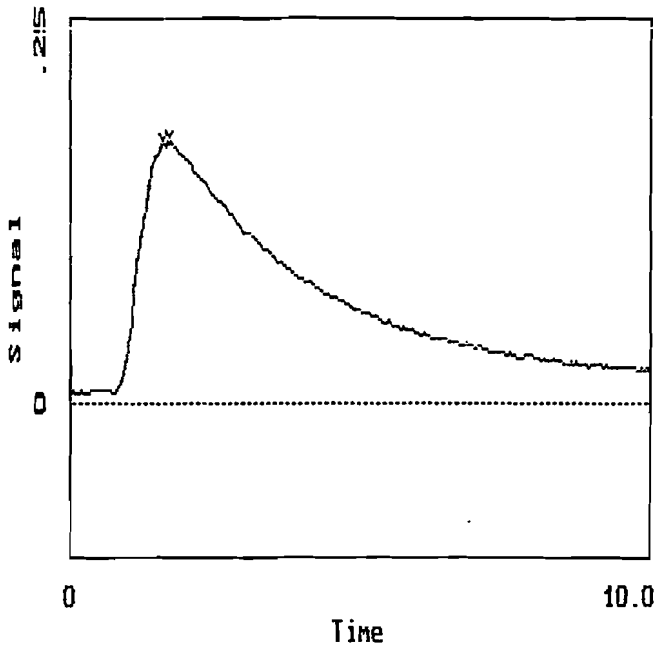
Method: HG Sample Name: T607354-1MS Operator: VD
Run Time: 08/09/96 15:03:55
ment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0733

UC Unk Conc F:1 SN:CCV-1-6 08/09/96 15:08:53

xHg

#1 4.127



Corrected ———
Uncorrected - - - - -

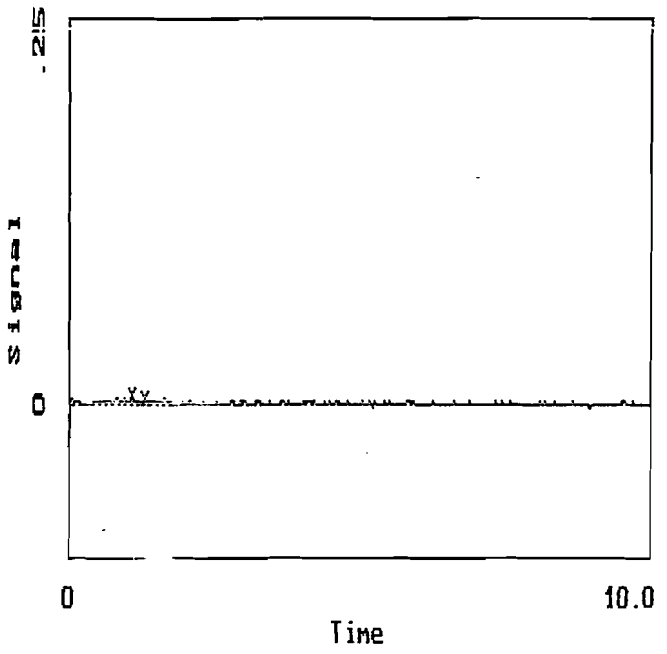
Method: HG Sample Name: CCV-1-6 Operator: VD
Run Time: 08/09/96 15:08:53
mment:
ode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.127

HG Unk Conc F:1 SN:CCB-1-6 08/09/96 15:13:34

xHg

#1 .0961



Corrected ———

Uncorrected - - - - -

Method: HG Sample Name: CCB-1-6 Operator: VD
Run Time: 08/09/96 15:13:34
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0961

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/12/96 Prep Date: 8/12/96

Shift: Prep Time

Instrument No.: TJA 1000 Start: 4:00 P.M.

Batch No.: 2055, 2056, 2042, 2043 End: 6:00 P.M.

Raw Data W/: 2055 Water Bath: 95°C T, OC

Analyst: VD

Supervisor:

RUN LOG

Parameter: Mercury

Matrix: Liquids/Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
	ICV-1				4.113		TV=4.0 ppb %R= 102.83
	ICB-1				0.1429		
	CCV-1-1				4.048		TV=4.0 ppb %R= 101.20
	CCB-1-1				0.1163		
1	CRA-1				0.2106		TV=0.2 ppb %R= 105.3
2	PBW	2055	1D		0.0360		
3	LCSW	"	1D		4.058		TV=4.0 ppb %R= 101.45
4	LCSWD	"	1D		4.084		TV=4.0 PPb %R=102.10
5	T608082-1	"	1D		0.0508		
6	T608082-1D	"	1D		0.0770		
7	T608082-1MS	"	1D		3.926		TV=4.0 PPb %R=98.15
8	T608082-1MSD	"	1D		4.073		TV=4.0 PPb %R=101.83
9	T608082-2	"	1D		0.0614		
10	T608082-3	"	1D		0.0410		
	CCV-1-2				4.128		TV=4.0 ppb %R= 103.20
	CCB-1-2				0.0730		

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/12/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	T608082-5	2055	1D		0.0648		
2	T608082-7	〃	1D		0.0817		
3	T608082-8	〃	1D		0.1485		
4	T608082-9	〃	1D		0.0682		
5	T608082-10	〃	1D		0.0680		
6	T608082-11	〃	1D		0.1160		
7	T608082-12	〃	1D		0.0868		
8	T608082-13	〃	1D		0.1022		
9	T608082-14	〃	1D		0.0759		
10	—	—	—		—		
	CCV-1-3				4.147		TV= 4.0 ppb %R= 103.68
	CCB-1-3				0.1038		
1	PBW	2056	1D		0.0308		
2	LCSW	〃	1D		4.134		TV=4.0PPb %R= 103.35
3	LCSWD	〃	1D		4.065		TV=4.0PPb %R=101.63
4	T608095-1	〃	1D	VD 8/12/96	~~0.0657~~	0.1765	
5	T608099-1	〃	1D		~~0.0412~~	0.0657	
6	T608099-1D	〃	1D		0.0412		
7	T608099-1MS	〃	1D		3.970		TV=4.0PPb %R=99.25
8	T608099-1MSD	〃	1D		3.892		TV=4.0PPb %R = 97.30
9	T608099-2	〃	1D		0.0959		
10	T608099-3	〃	1D		—		Next page
	CCV-1-4				4.068		TV= 4.0 ppb %R= 101.70
	CCB-14				0.0864		

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/12/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	T608099-3	2056	1D	VD 8/12/96	~~0.0804~~	0.0204	
2	T608099-4	"	1D		~~0.0204~~	0.0330	
3	T608099-5	"	1D		0.0559		
4	T608099-6	"	1D		0.0083		
5	T608099-7	"	1D		0.0844		
6	T608099-8	"	1D		0.0196		
7	T608099-9	"	1D		0.0761		
8	T608099-10	"	1D		0.0263		
9	T608099-11	"	1D		0.0366		
10	T608099-12	"	1D		0.0213		
	CCV-1-5				4.114		TV = 4.0 ppb %R = 102.85%
	CCB-1-5				0.0500		
1	T608099-13	2056	1D		0.0265		
2	T608099-14	"	1D		0.0337		
3	T608099-15	"	1D		0.0677		
4	T608099-16	"	1D		0.0437		
5	T608101-3	"	1D		0.1656		
6	T608102-2	"	1D		0.4298		
7							
8							
9							
10							
	CCV-1-6				4.098		TV = 4.0 ppb %R = 102.45
	CCB-1-6				0.0928		

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/12/96 Analyst: KD

RUN LOG

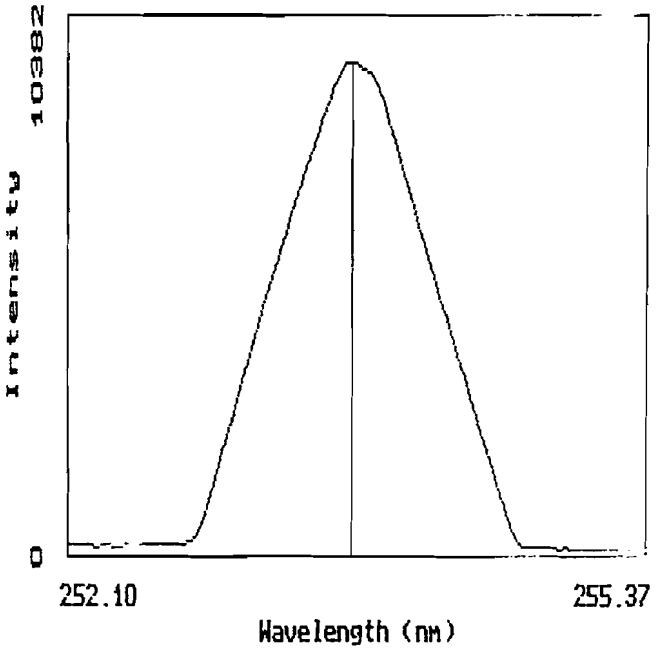
Parameter: Mercury

Matrix: Liquids / Solids - Others

	Sample ID	Batch No.	Prep Factor	Dilution Factor	Conc in Extract ppb	Result in Extract ppb	Notes
1	PBW	2042	1D		0.0486		
2	LCSW	"	1D		1.008		TV=1.0PPb %R=100.8
3	LCSWD	"	1D		1.022		TV=1.0 PPb %R=102.2
4	T607239-4	MS "	1D		1.032		TV=1.0 PPb %R=103.2
5	T607354-1	MS2043	1D		0.9953		TV=1.0 PPb %R=99.53
6							
7							
8							
9							
10							
	CCV-1-7				4.037		TV= 4.0 ppb %R= 100.93
	CCB-1-7				0.0632		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
	CCV						TV = 4.0 ppb %R=
	CCB						

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



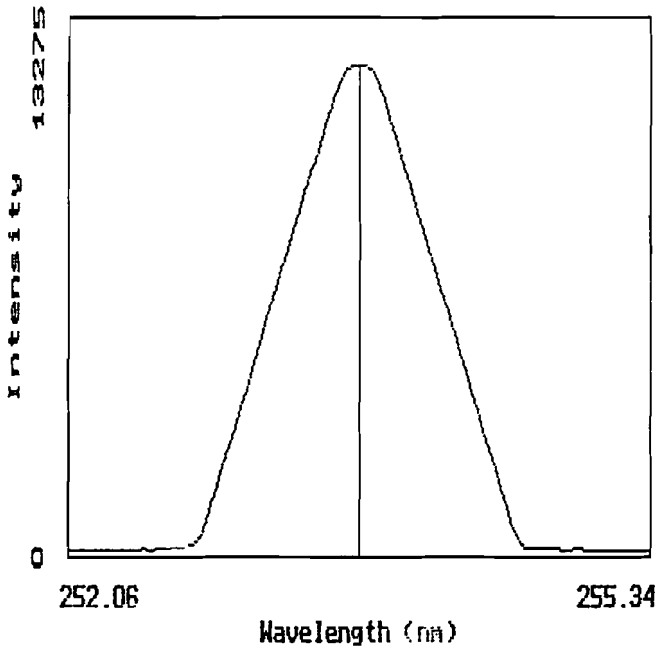
Peak Offset: None

Wavelength : 253.70
Intensity : 9438

Inst Offset: 3
D/A Number : 26765

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



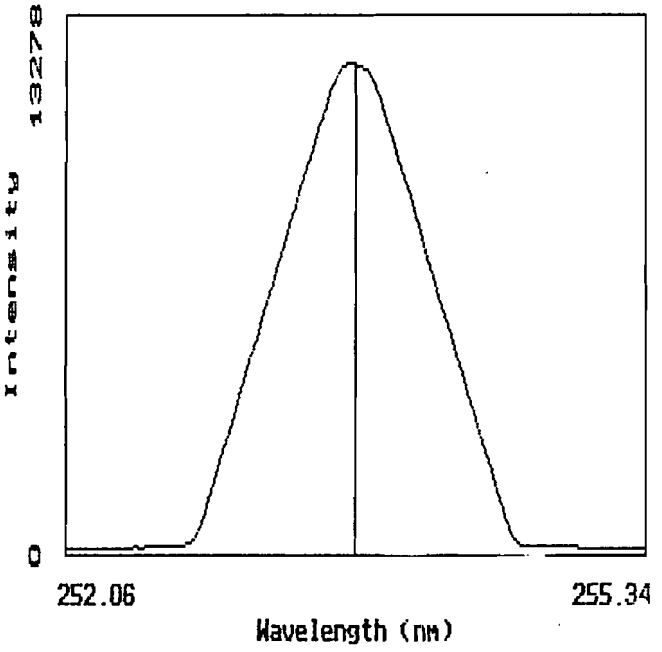
Peak Offset: None

Wavelength : 253.70
Intensity : 12068

Inst Offset: 0
D/A Number : 26762

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



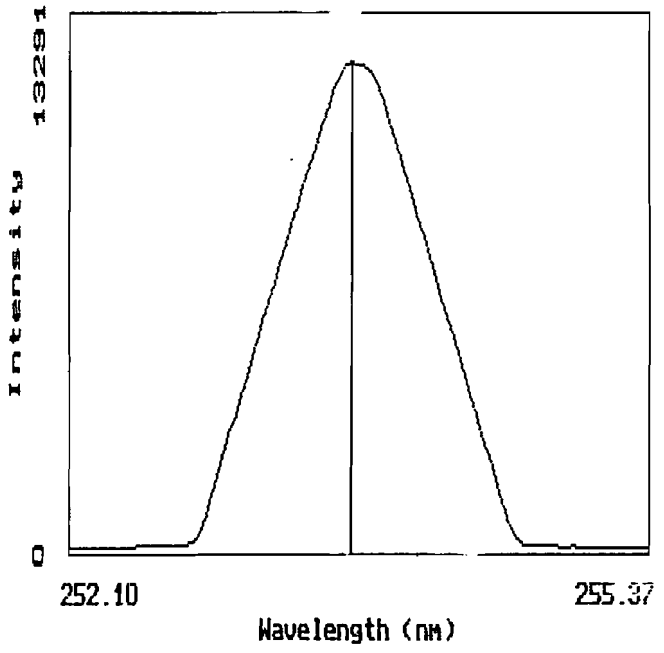
Peak Offset: None

Wavelength : 253.70
Intensity : 12671

Inst Offset: 0
D/A Number : 26762

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

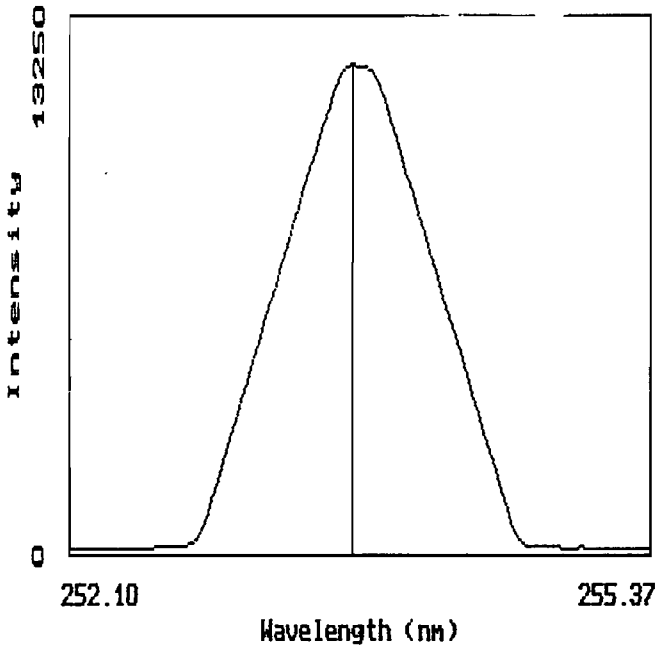
Wavelength : 253.70
Intensity : 12083

Inst Offset: 3
D/A Number : 26765

Mon 08-12-96 06:16:32 PM page 1

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



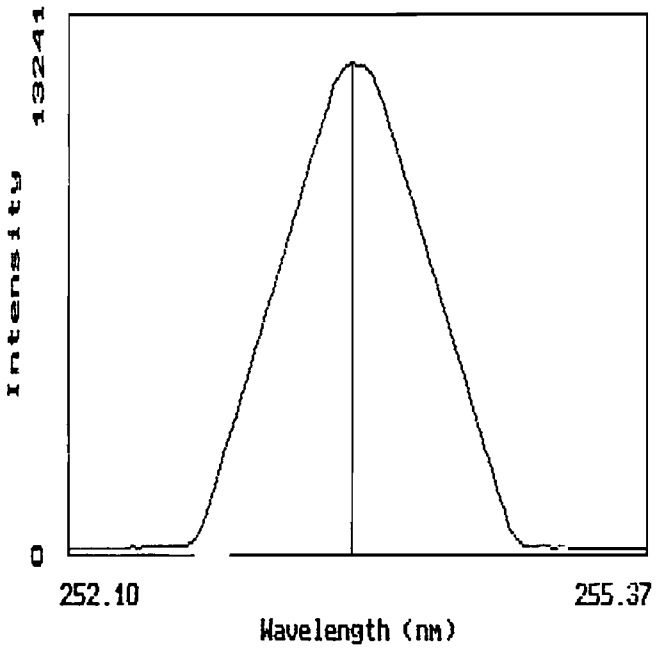
Peak Offset: None

Wavelength : 253.70
Intensity : 12845

Inst Offset: 3
D/A Number : 26765

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

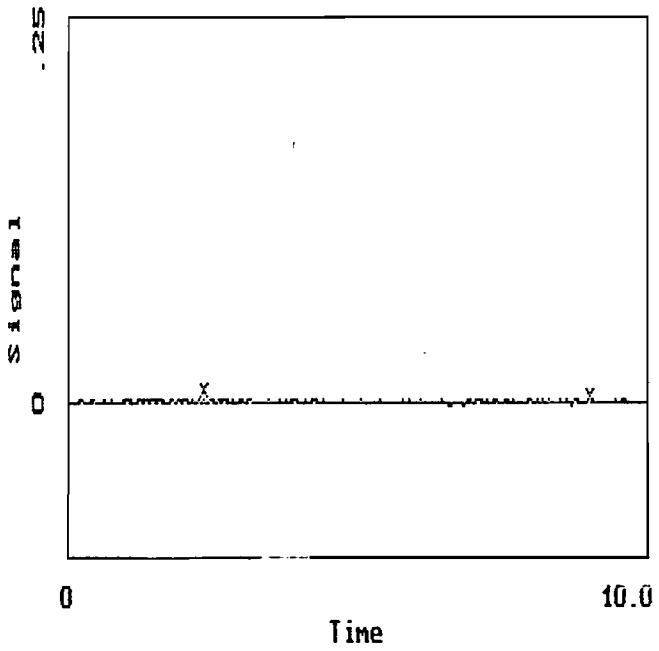
Wavelength : 253.70
Intensity : 12037

Inst Offset: 3
D/A Number : 26765

Method: HG Standard: BlankSTD 08/12/96 06:19

xHg

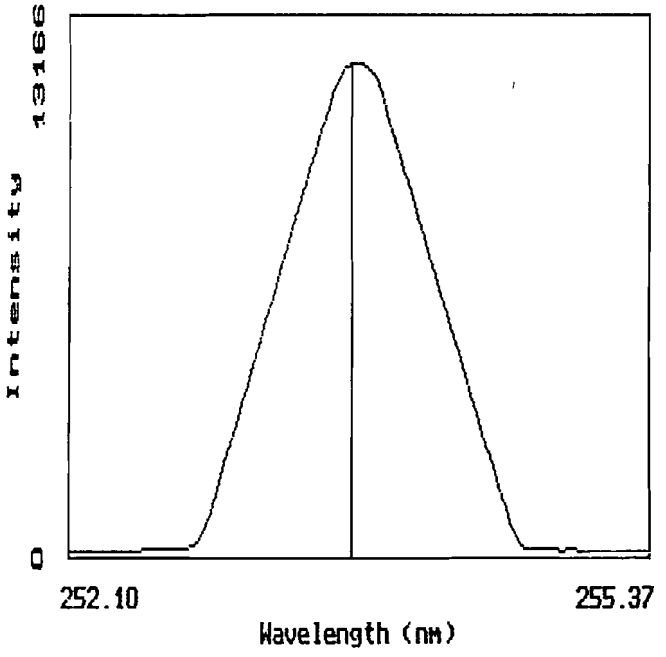
#1 .0026



Corrected ———
Uncorrected - - - - -

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

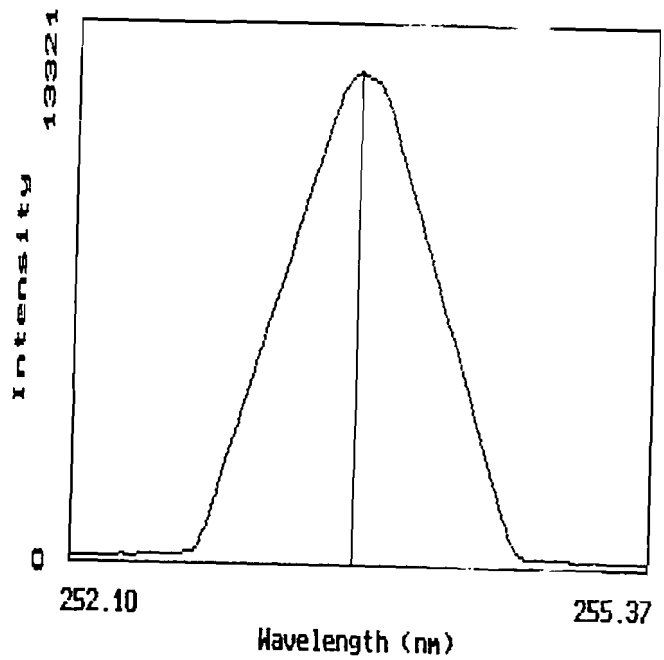
Wavelength : 253.70
Intensity : 11969

Inst Offset: 3
D/A Number : 26765

Mon 08-12-96 04:10:17 PM page 1

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

Wavelength : 253.70
Intensity : 12110

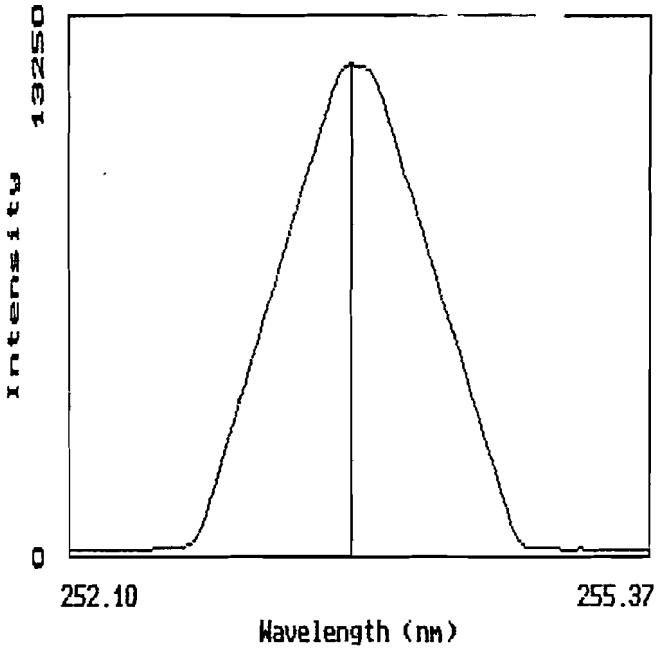
Inst Offset: 3
D/A Number : 26765

ANALYST SIGNATURE: _____

SUPERVISOR SIGNATURE: _____

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



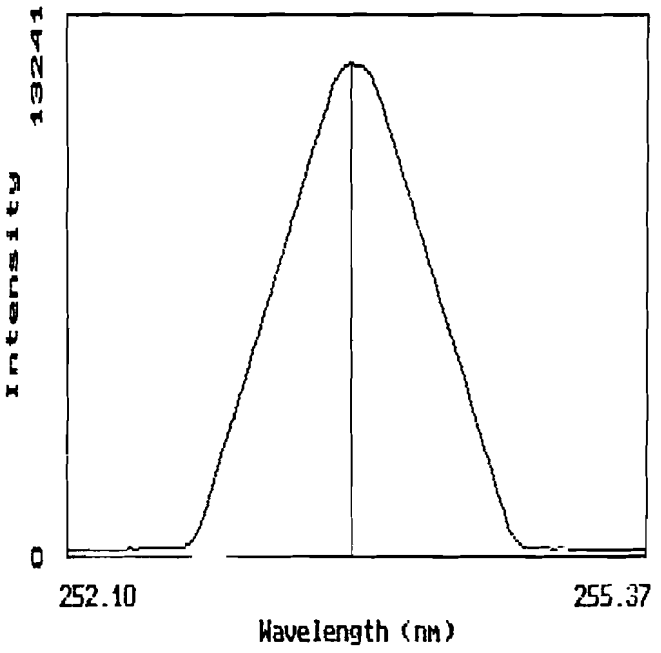
Peak Offset: None

Wavelength : 253.70
Intensity : 12045

Inst Offset: 3
D/A Number : 26765

Method Name: HG Matrix: ULTRAPURE WATER Atomizer: FLAME

1. Hg 253.70



Peak Offset: None

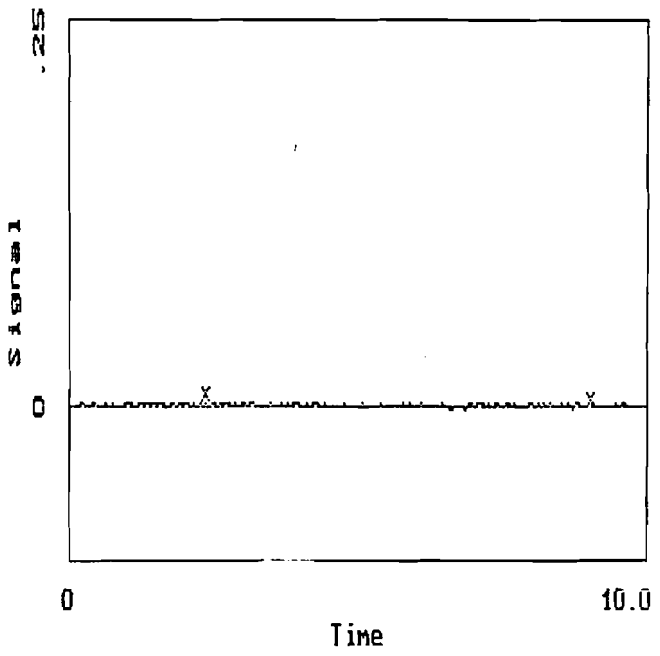
Wavelength : 253.70
Intensity : 12037

Inst Offset: 3
D/A Number : 26765

Method: HG Standard: BlankSTD 08/12/96 06:19

xHg

#1 .0026



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Mon 08-12-96 06:21:18 PM page 1

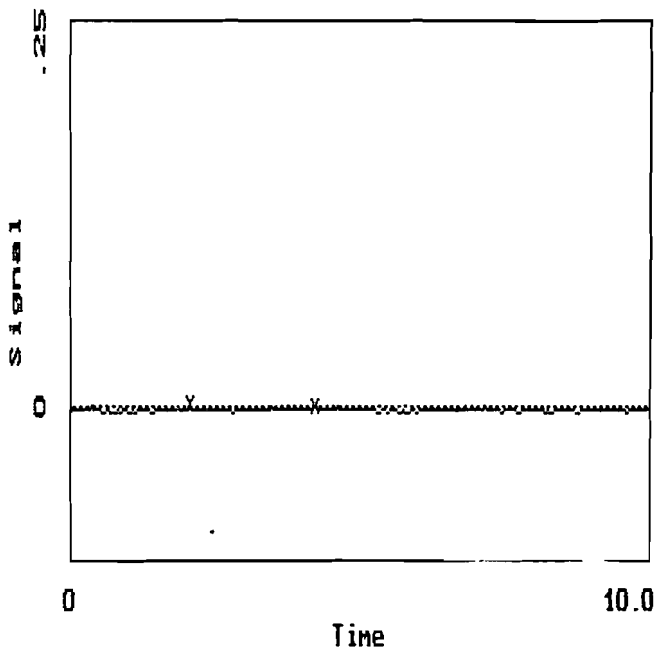
Method: HG Standard: BlankSTD Date: 08/12/96 06:19

Elem	Hg
Avge	.0026

Method: HG Standard: BlankSTD 08/12/96 06:21

xHg

#1 -.0010



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Mon 08-12-96 06:23:54 PM page 1

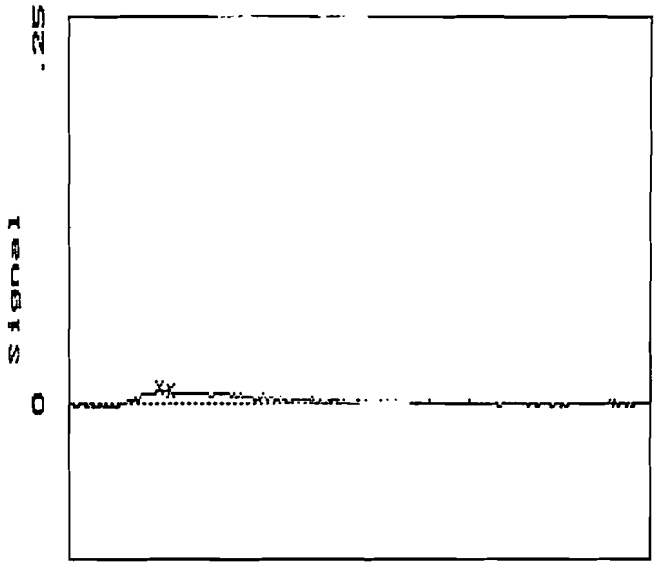
Method: HG Standard: BlankSTD Date: 08/12/96 06:21

Elem	Hg
Avge	-.0010

Method: HG Standard: std1 08/12/96 06:25

xHg

#1 .0084



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Mon 08-12-96 06:27:33 PM page 1

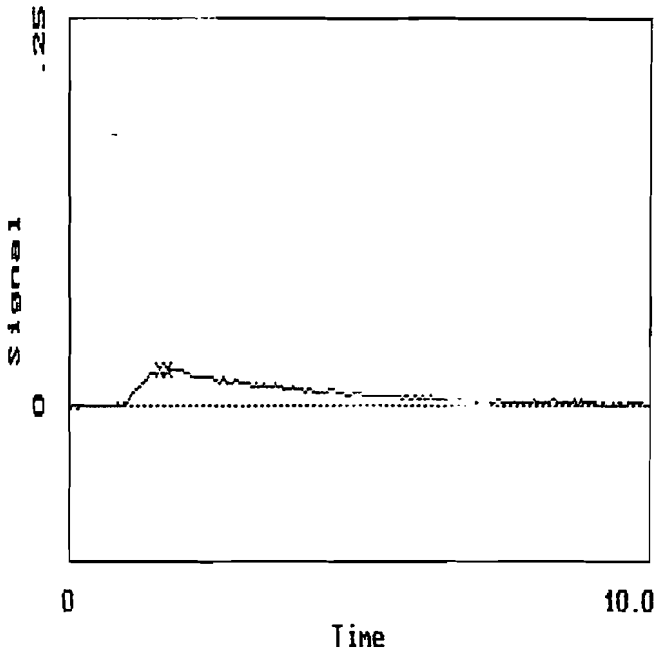
Method: HG Standard: std1 Date: 08/12/96 06:25

Elem	Hg
Avge	.0084

Method: HG Standard: std2 08/12/96 06:29

xHg

#1 .0218



Corrected ——— - -
Uncorrected - - - - -

Standardization Rpt. Mon 08-12-96 06:31:35 PM page 1

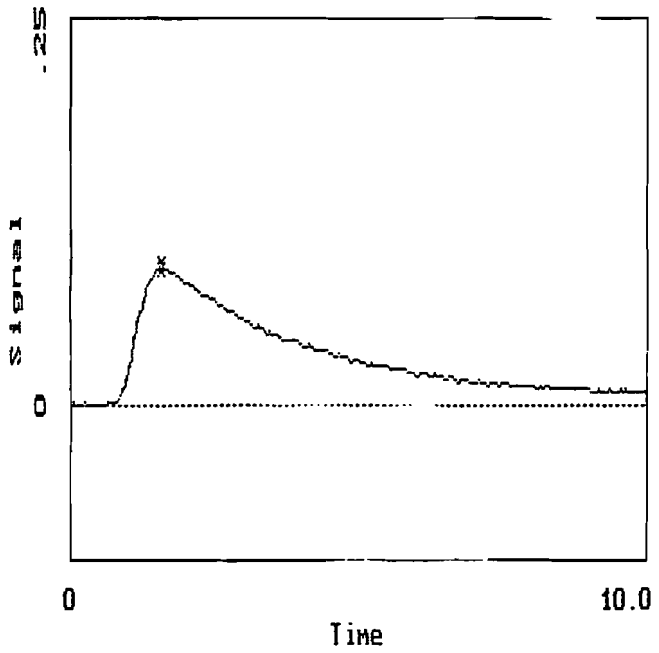
Method: HG Standard: std2 Date: 08/12/96 06:29

Elem	Hg
Avge	.0218

Method: HG Standard: std3 08/12/96 06:33

xHg

#1 .0866



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Mon 08-12-96 06:35:58 PM page 1

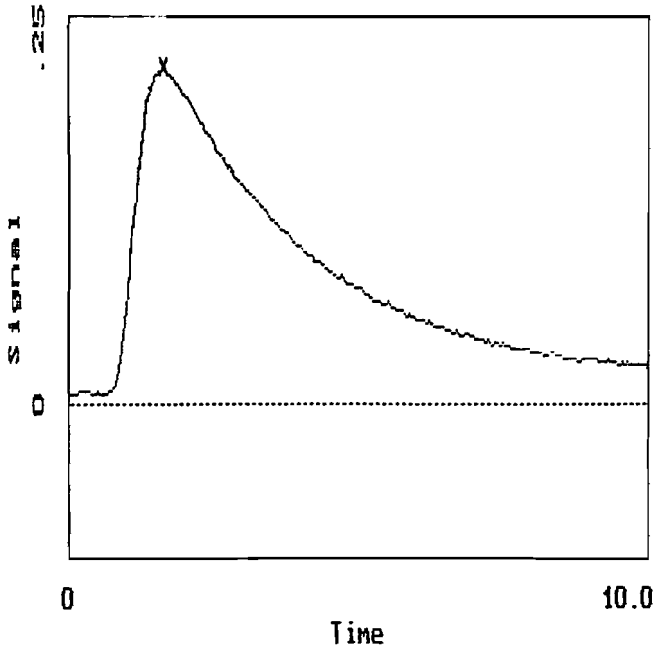
Method: HG Standard: std3 Date: 08/12/96 06:33

Elem	Hg
Avge	.0866

Method: HG Standard: std4 08/12/96 06:37

xHg

#1 .2139



Corrected ———

Uncorrected - - - - -

Standardization Rpt. Mon 08-12-96 06:39:54 PM page 1

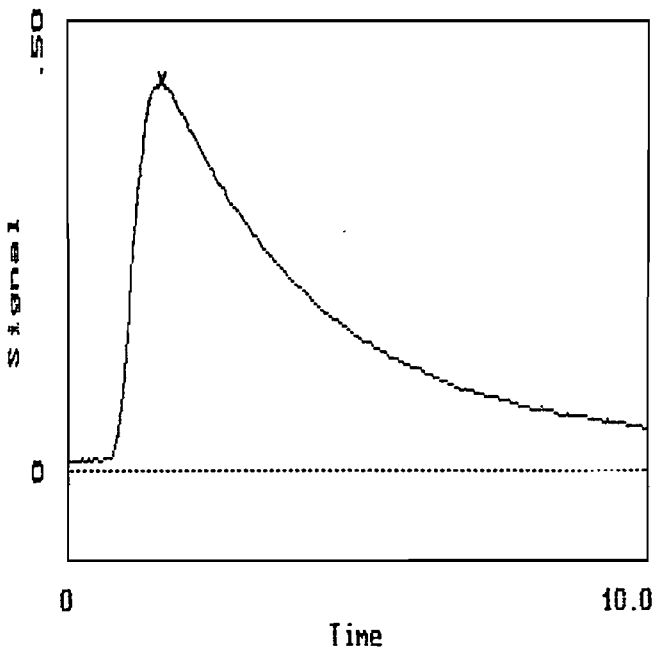
Method: HG Standard: std4 Date: 08/12/96 06:37

Elem	Hg
Avge	.2139

Method: HG Standard: std5 08/12/96 06:41

xHg

#1 .4283



Corrected ———
Uncorrected - - - - -

Standardization Rpt. Mon 08-12-96 06:44:09 PM page 1

Method: HG Standard: std5 Date: 08/12/96 06:41

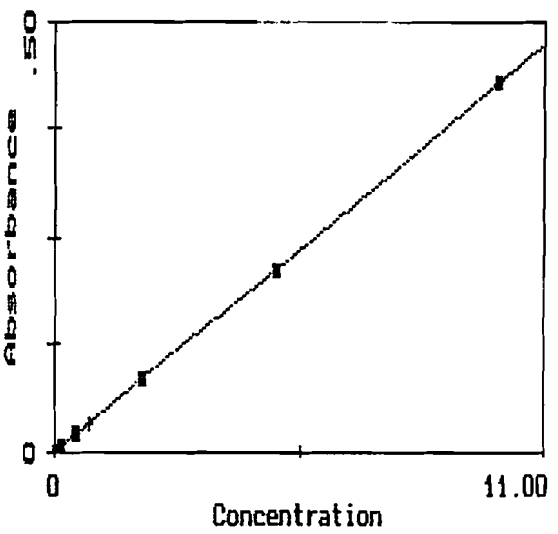
Elem	Hg
Avge	.4283

Method: HG Element: Hg Wavelength: 253.70 Element 1 of 1

Correlation Coefficient: .999985
Conc. Correlation: .999999

Coefficients
a1 = .043405 Abs : .034746
a2 = -.000171 Conc : .80292
a3 = .000011

Fit Cubic



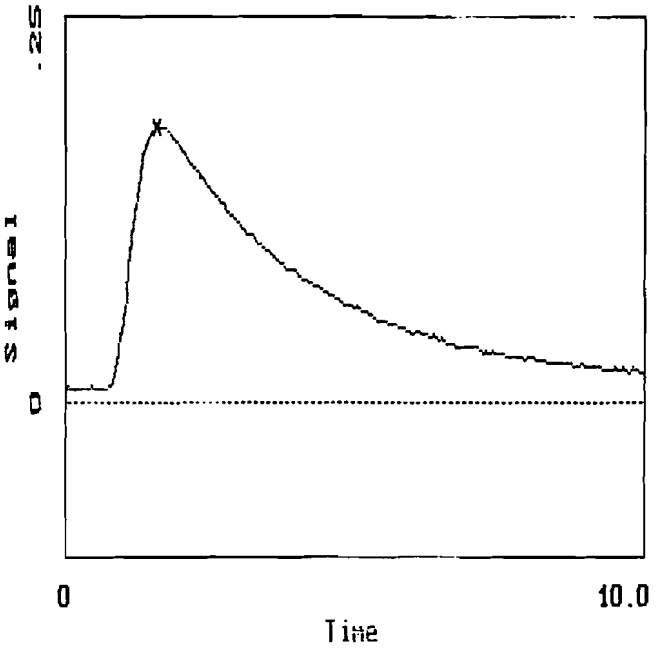
Date: 12 Aug 96 18:41
Slope corr.: 1

Standard:	BlankSTD	std1	std2	std3	std4	std5
Absorbance:	0.0000	.008362	.021807	.086557	.213938	.428561
Known conc.:	0	.2	.5	2	5	10
Calc. conc.:	0.0000	.192792	.503373	2.00796	4.99478	10.001
Residual:	0.0000	-.007208	.003373	.007959	-.005217	.00098

HG Unk Conc F:1 SN:ICV-1 08/12/96 18:47:39

xHg

#1 4.113



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 06:49:56 PM page 1

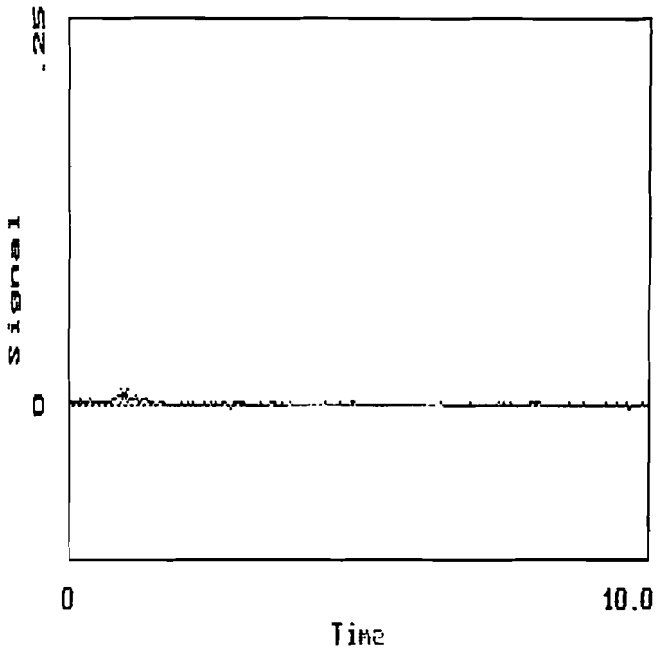
Method: HG Sample Name: ICV-1 Operator: VD
Run Time: 08/12/96 18:47:39
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.113

HG Unk Conc F:1 SN:ICB-1 08/12/96 18:51:17

xHg

#1 .1429



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 06:53:34 PM page 1

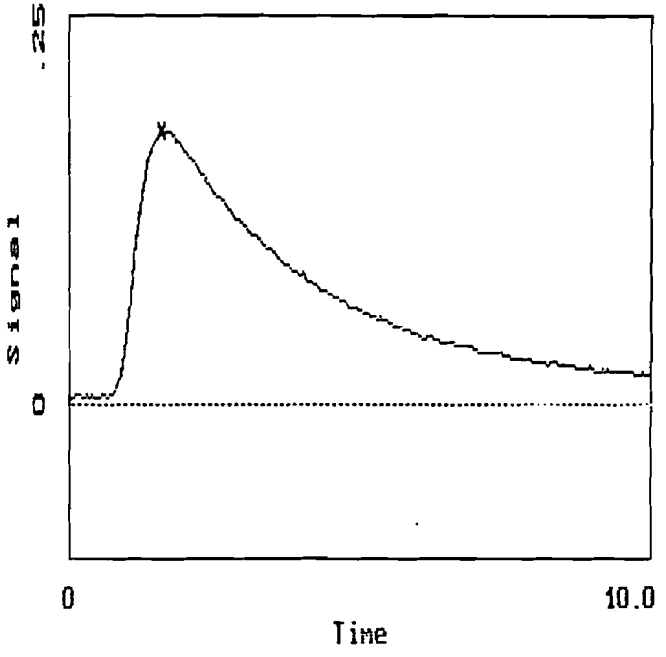
Method: HG Sample Name: ICB-1 Operator: VD
Run Time: 08/12/96 18:51:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1429

HG Unk Conc F:1 SN:CCV-1-1 08/12/96 18:55:24

xHg

#1 4.048



Corrected ——————

Uncorrected - - - - -

Analysis Report Mon 08-12-96 06:57:41 PM page 1

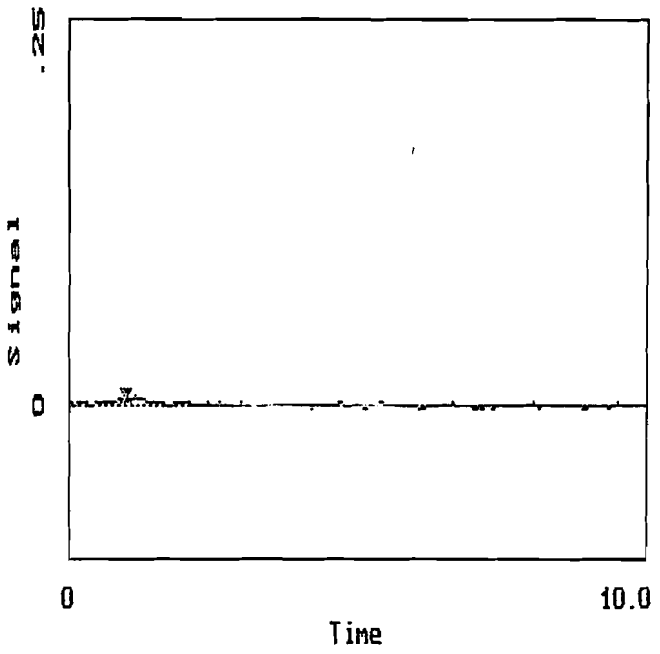
Method: HG Sample Name: CCV-1-1 Operator: VD
Run Time: 08/12/96 18:55:24
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.048

HG Unk Conc F:1 SN:CCB-1-1 08/12/96 18:59:27

xHg

#1 .1163



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:01:45 PM page 1

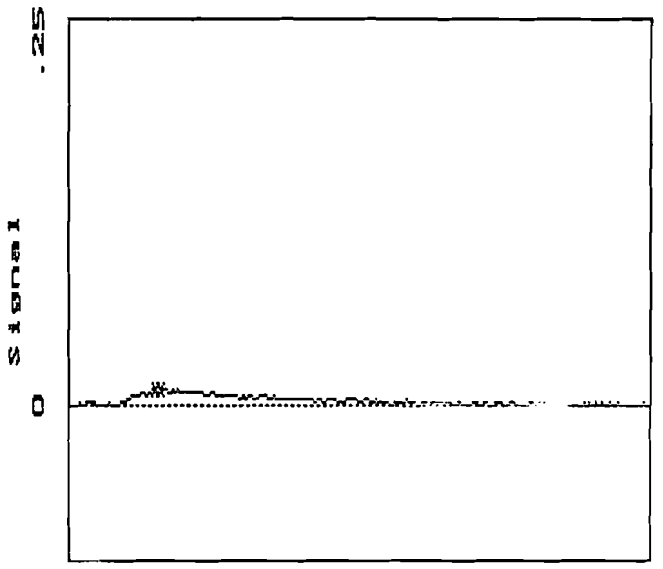
Method: HG Sample Name: CCB-1-1 Operator: VD
Run Time: 08/12/96 18:59:27
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1163

HG Unk Conc F:1 SN:CRA-1 08/12/96 19:03:56

xHg

#1 .2106



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:06:13 PM page 1

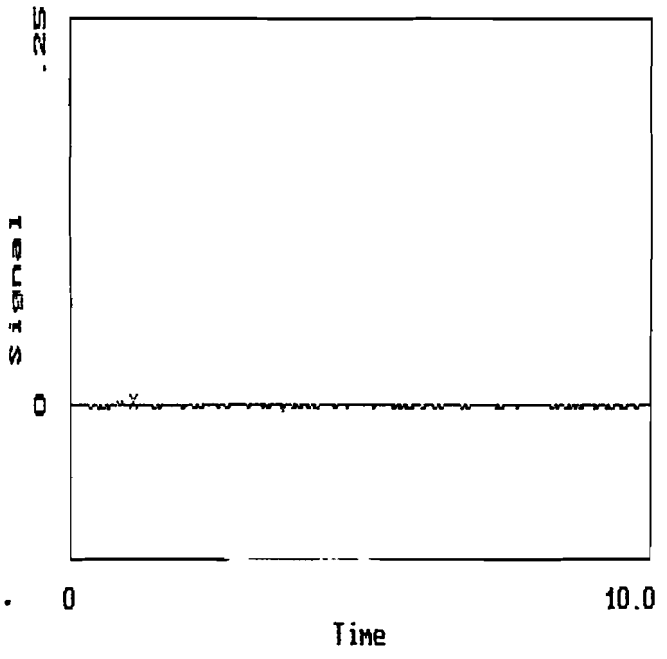
Method: HG Sample Name: CRA-1 Operator: VD
Run Time: 08/12/96 19:03:56
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.2106

HG Unk Conc F:1 SN:PBW-2055 08/12/96 19:08:35

xHg

#1 .0360



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:10:53 PM page 1

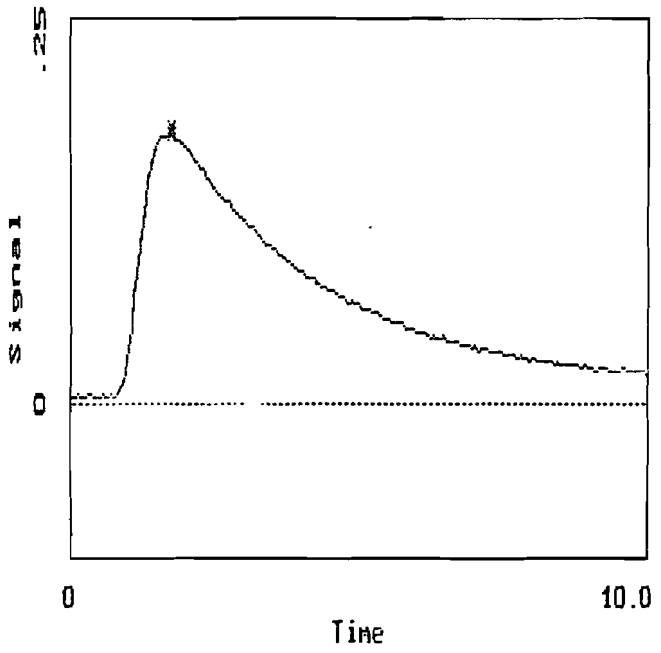
Method: HG Sample Name: PBW-2055 Operator: VD
Run Time: 08/12/96 19:08:35
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0360

HG Unk Conc F:1 SN:LCSW-2055 08/12/96 19:12:41

xHg

#1 4.858



Corrected ——————
Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:14:59 PM page 1

Method: HG Sample Name: LCSW-2055 Operator: VD
Run Time: 08/12/96 19:12:41
Comment:
Mode: Conc Corr. Factor: 1

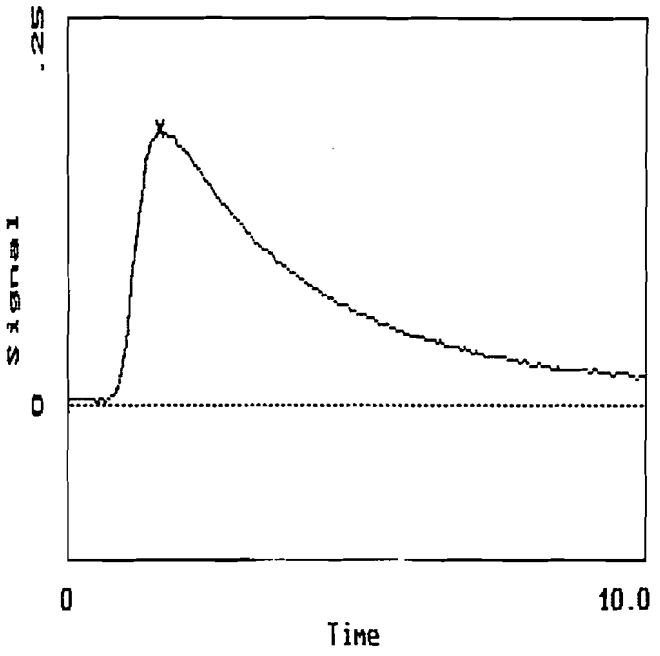
Elem	Hg
Units	ppb
Avge	4.058

Mon 08-12-96 07:16:52 PM page 1

HG Unk Conc F:1 SN:LCSWD-2055 08/12/96 19:16:52

xHg

#1 4.084



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:19:09 PM page 1

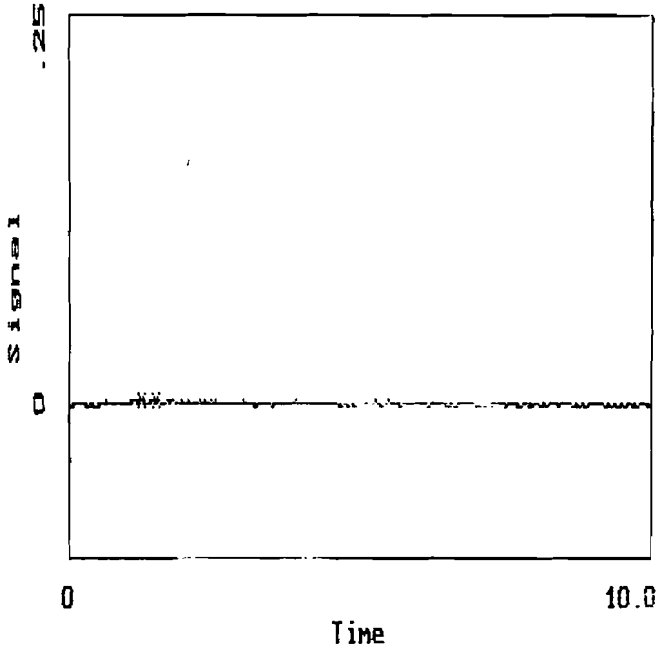
Method: HG Sample Name: LCSWD-2055 Operator: VD
Run Time: 08/12/96 19:16:52
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.084

HG Unk Conc F:1 SN:T608082-1 08/12/96 19:23:07

xHg

#1 .0508



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:25:25 PM page 1

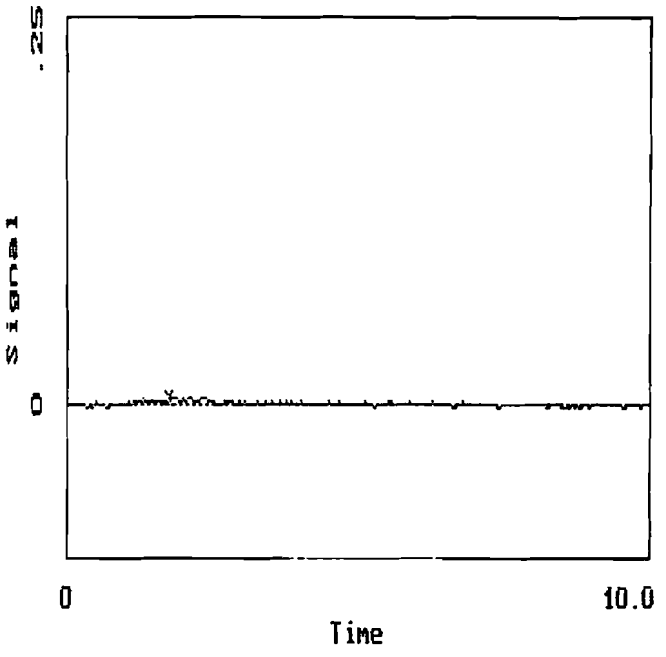
Method: HG Sample Name: T608082-1 Operator: VD
Run Time: 08/12/96 19:23:07
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0508

HG Unk Conc F:1 SN:T608082-1D 08/12/96 19:27:10

xHg

#1 .0770



Corrected ————

Uncorrected - - - - -

Analysis Report Mon 03-12-96 07:29:27 PM page 1

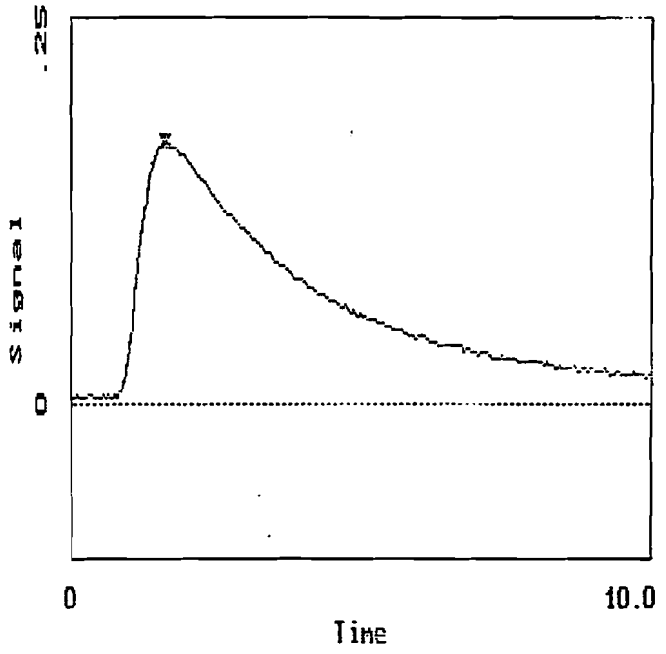
Method: HG Sample Name: T608082-1D Operator: VD
Run Time: 08/12/96 19:27:10
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0770

HG Unk Conc F:1 SN:T608082-1MS 08/12/96 19:31:20

xHg

#1 3.926



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:33:37 PM page 1

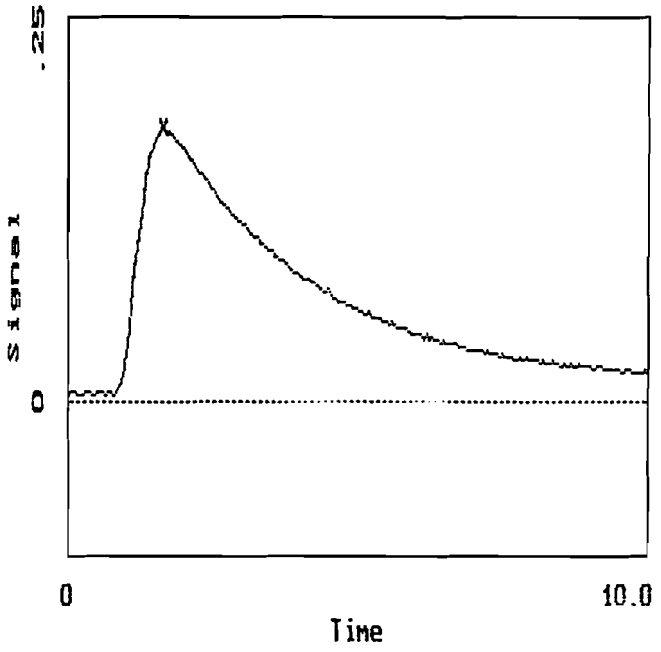
Method: HG Sample Name: T608082-1MS Operator: VD
Run Time: 08/12/96 19:31:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	3.926

HG Unk Conc F:1 SW:T608082-1MSD 08/12/96 19:35:22

xHg

#1 4.873



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:37:40 PM page 1

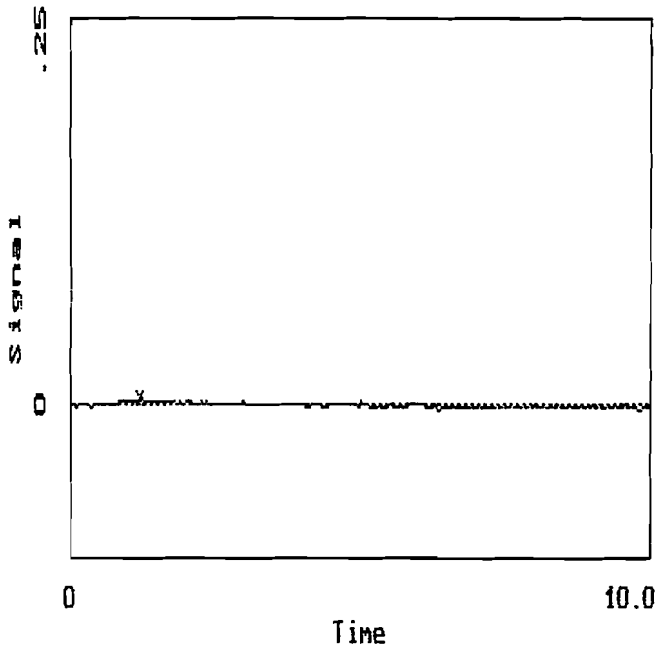
Method: HG Sample Name: T608082-1MSD Operator: VD
Run Time: 08/12/96 19:35:22
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.073

HG Unk Conc F:1 SN:T608082-2 08/12/96 19:39:31

xHg

#1 .0614



Corrected — · —

Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:41:48 PM page 1

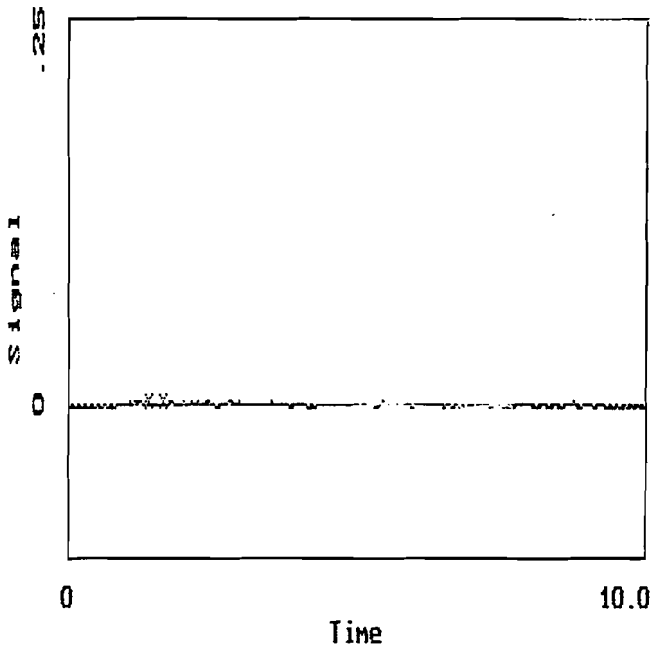
Method: HG Sample Name: T608082-2 Operator: VD
Run Time: 08/12/96 19:39:31
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0614

HG Unk Conc F:1 SN:I608082-3 08/12/96 19:41:46

xHg

#1 .0410



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:47:04 PM page 1

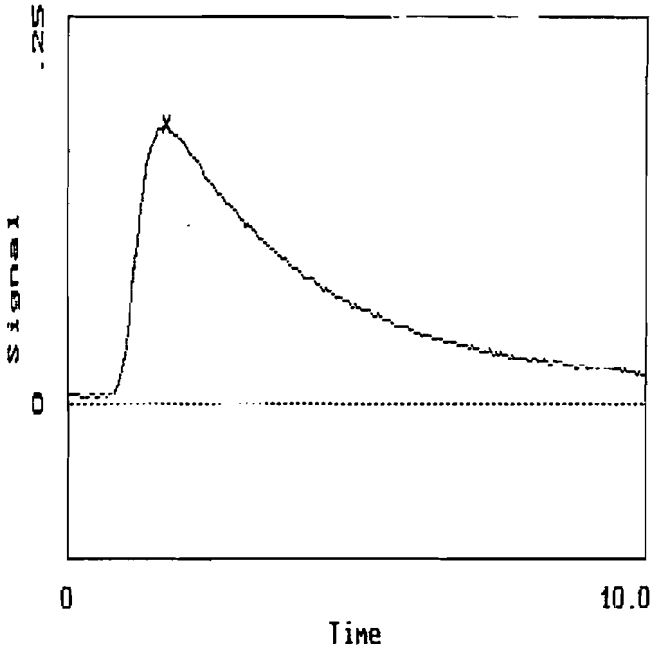
Method: HG Sample Name: T608082-3 Operator: VD
Run Time: 08/12/96 19:44:46
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0410

HG Unk Conc F:1 SN:CCV-1-2 08/12/96 19:48:31

xHg

#1 4.128



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:50:48 PM page 1

Method: HG Sample Name: CCV-1-2 Operator: VD
Run Time: 08/12/96 19:48:31
Comment:
Mode: Conc Corr. Factor: 1

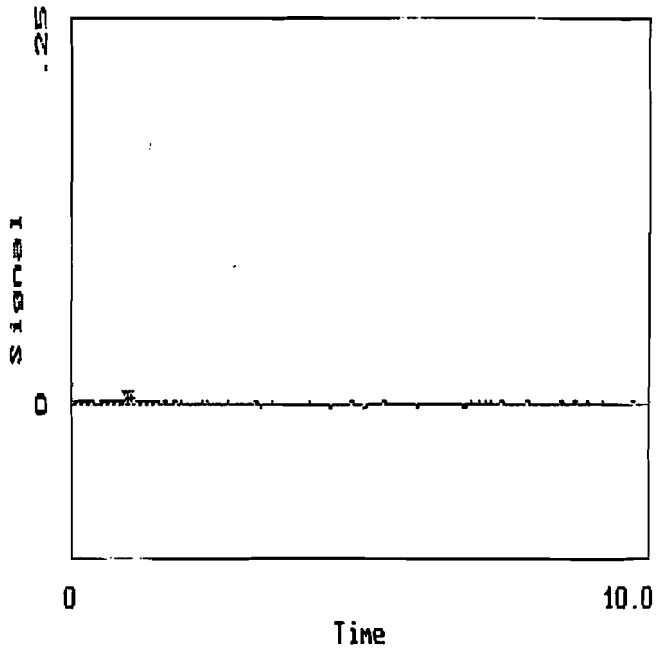
Elem	Hg
Units	ppb
Avge	4.128

0600

HG Unk Conc F:1 SN:CCB-1-2 08/12/96 19:53:21

xHg

#1 .0736



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 07:55:38 PM page 1

Method: HG Sample Name: CCB-1-2 Operator: VD
Run Time: 08/12/96 19:53:21
Comment:
Mode: Conc Corr. Factor: 1

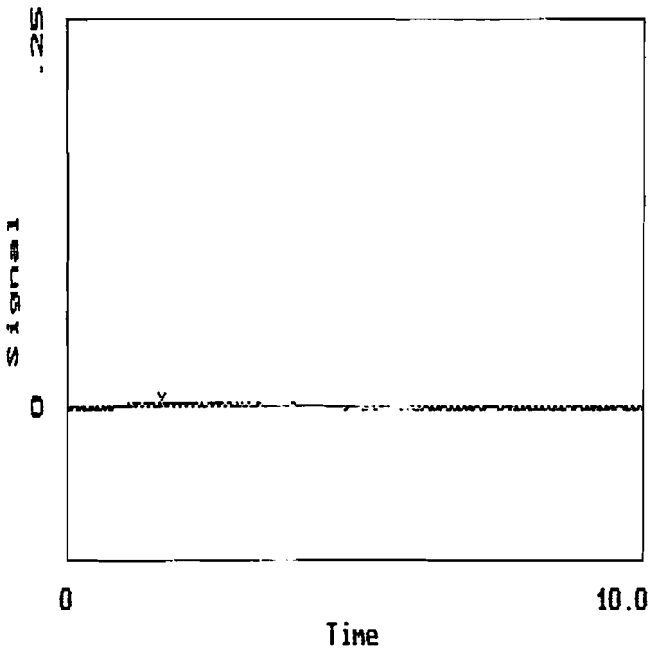
Elem	Hg
Units	ppb
Avge	.0730

Mon 08-12-96 07:59:25 PM page 1

HG Unk Conc F:1 SN:I608082-5 08/12/96 19:59:25

xHg

#1 .0648



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:01:42 PM page 1

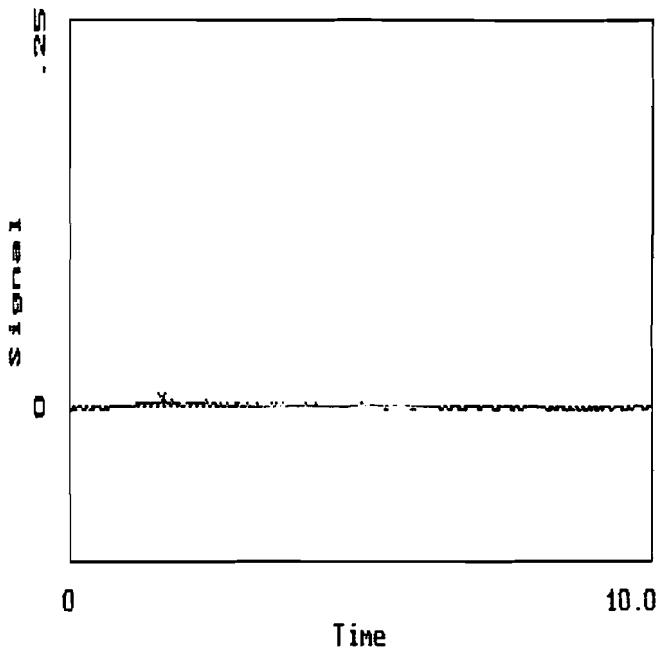
Method: HG Sample Name: T608082-5 Operator: VD
Run Time: 08/12/96 19:59:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0648

HG Unk Conc F:1 SN:T600802-7 08/12/96 20:07:50

xHg

#1 .0817



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:10:07 PM page 1

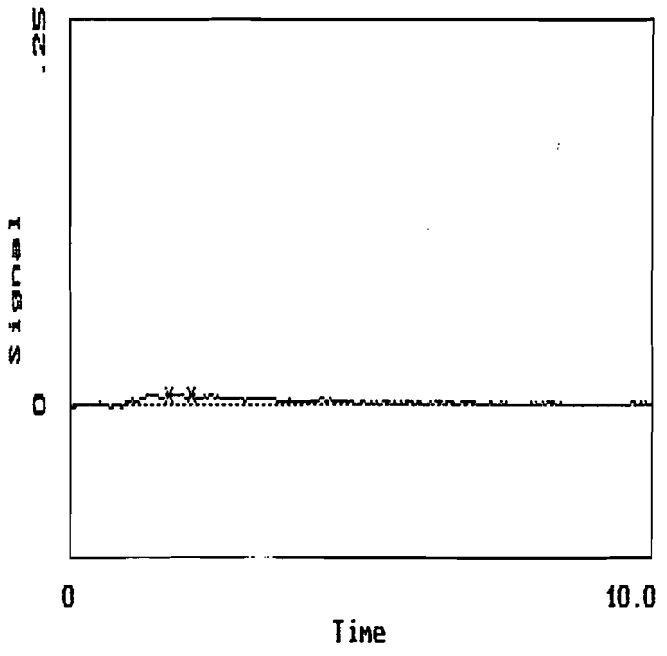
Method: HG Sample Name: T608082-7 Operator: VD
Run Time: 08/12/96 20:07:50
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0817

HG Unk Conc F:1 SN:T608082-8 08/12/96 20:12:17

xHg

#1 .1485



Corrected ————

Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:14:34 PM page 1

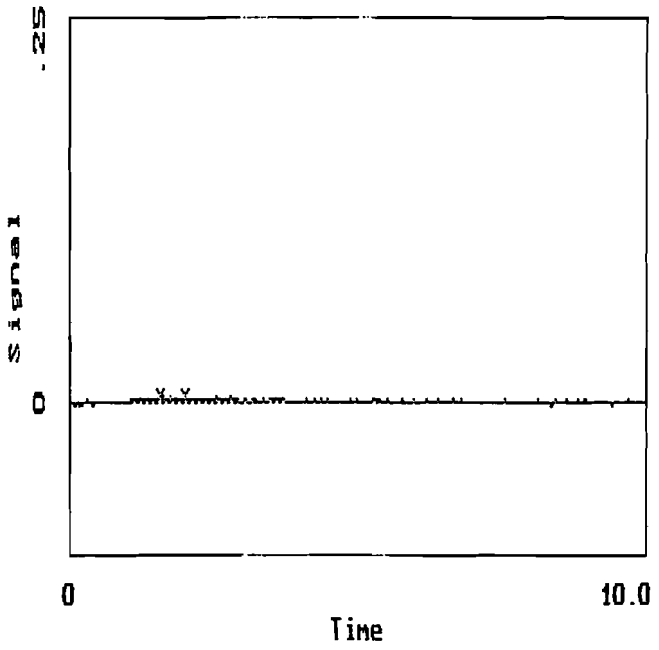
Method: HG Sample Name: T608082-8 Operator: VD
Run Time: 08/12/96 20:12:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1485

HG Unk Conc F:1 SN:T608082-9 08/12/96 20:16:03

xHg

#1 .0682

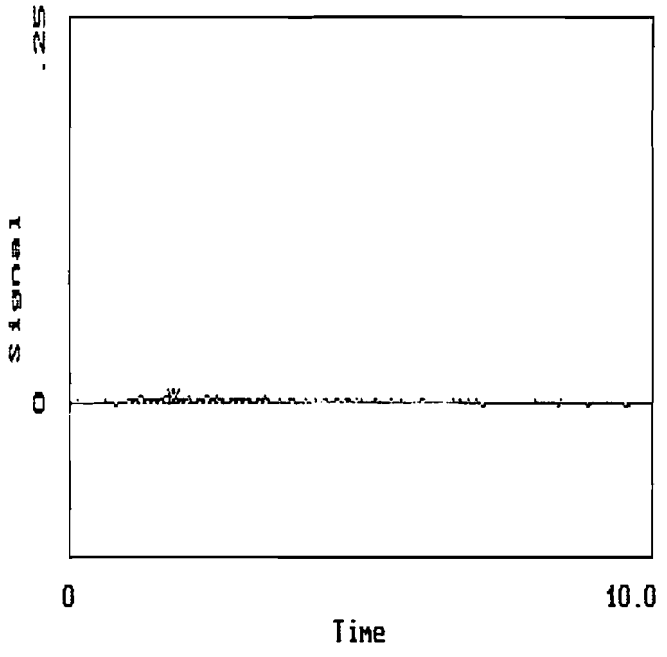


Corrected ————
Uncorrected - - - - -

HG Unk Conc F:1 SN:T608082-10 08/12/96 20:20:22

xHg

#1 .0680



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:22:39 PM page 1

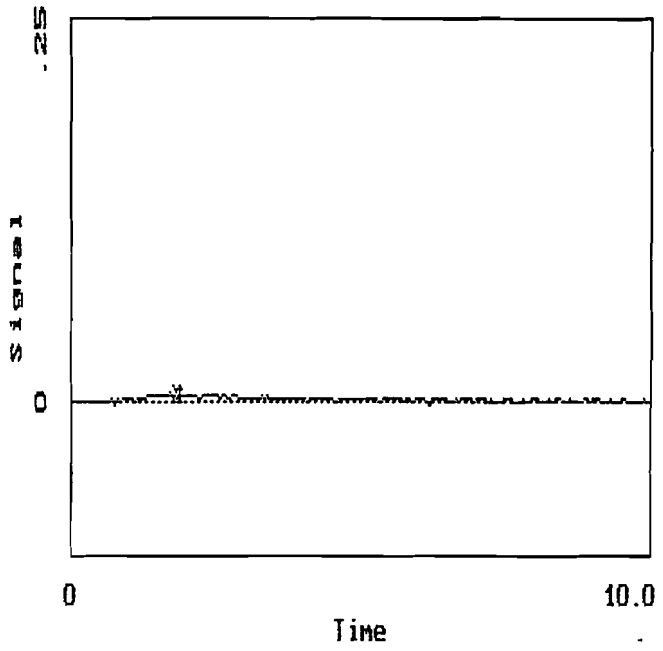
Method: HG Sample Name: T608082-10 Operator: VD
Run Time: 08/12/96 20:20:22
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0680

HG Unk Conc F:1 SN:T608082-11 08/12/96 20:24:34

xHg

#1 .1160



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:26:51 PM page 1

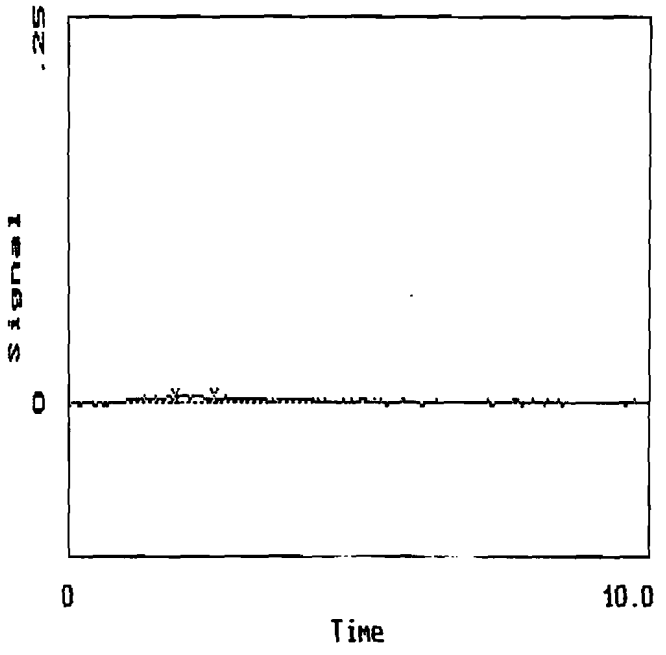
Method: HG Sample Name: T608082-11 Operator: VD
Run Time: 08/12/96 20:24:34
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1160

HG Unk Conc F:1 SN:I608082-12 08/12/96 20:28:33

xHg

#1 .0868



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:30:51 PM page 1

Method: HG Sample Name: T608082-12 Operator: VD
Run Time: 08/12/96 20:28:33
Comment:
Mode: Conc Corr. Factor: 1

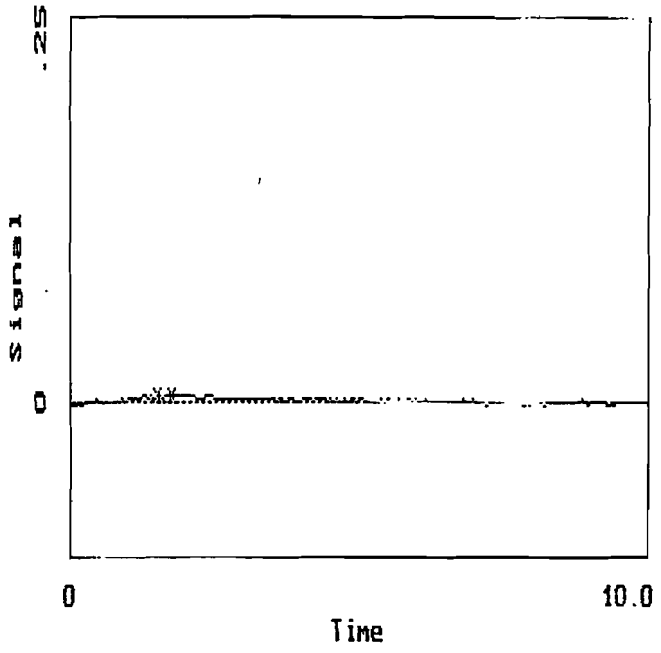
Elem	Hg
Units	ppb
Avge	.0868

0616

HG Unk Conc F:1 SN:IG080082-13 08/12/96 20:32:50

xHg

#1 .1022



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:35:08 PM page 1

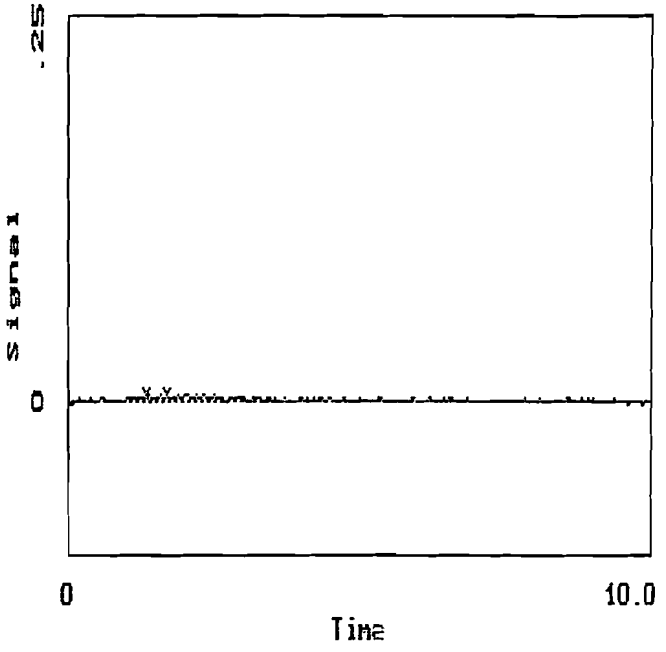
Method: HG Sample Name: T608082-13 Operator: VD
Run Time: 08/12/96 20:32:50
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1022

HG Unk Conc F:1 SN:I608082-14 08/12/96 20:37:12

xHg

#1 .0759



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:39:29 PM page 1

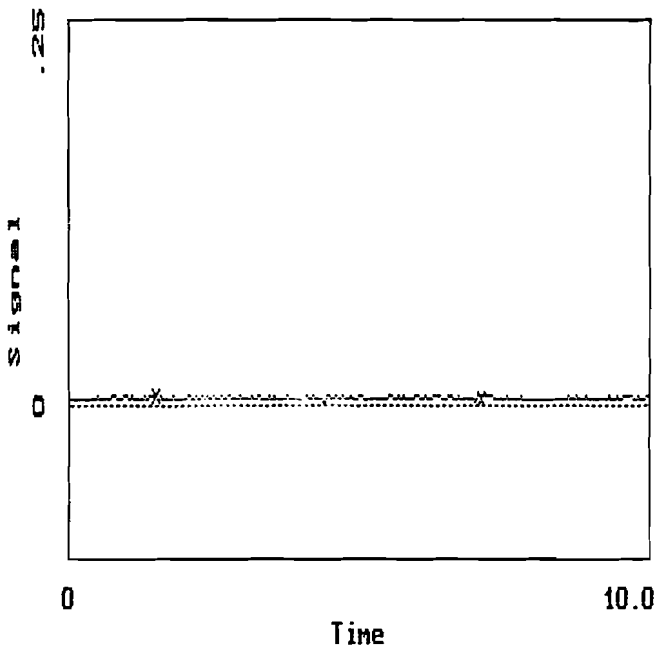
Method: HG Sample Name: T608082-14 Operator: VD
Run Time: 08/12/96 20:37:12
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0759

HG Unk Conc F:1 SN:CCV-1-3 08/12/96 20:41:17

xHg

#1 .1408



Corrected ——
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:43:35 PM page 1

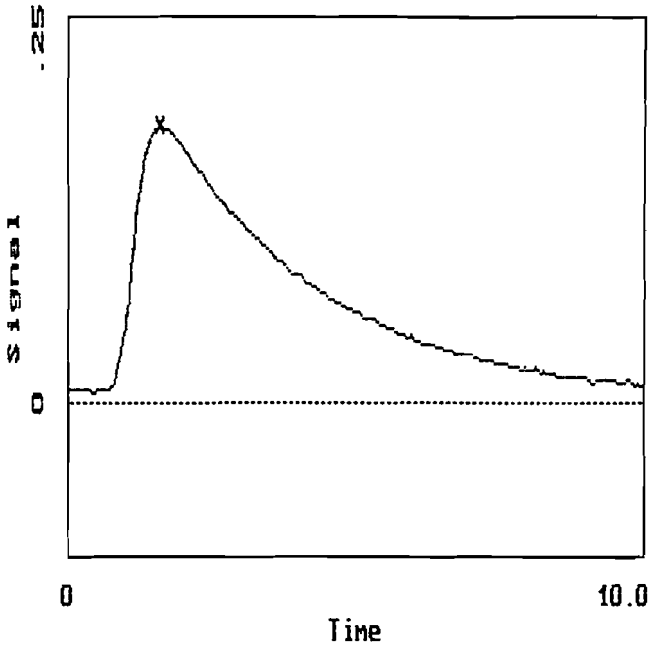
Method: HG Sample Name: CCV-1-3 Operator: VD
Run Time: 08/12/96 20:41:17
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1408

HG Unk Conc F:1 SN:CCV-1-3 08/12/96 20:45:18

xHg

#1 4.147



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:47:36 PM page 1

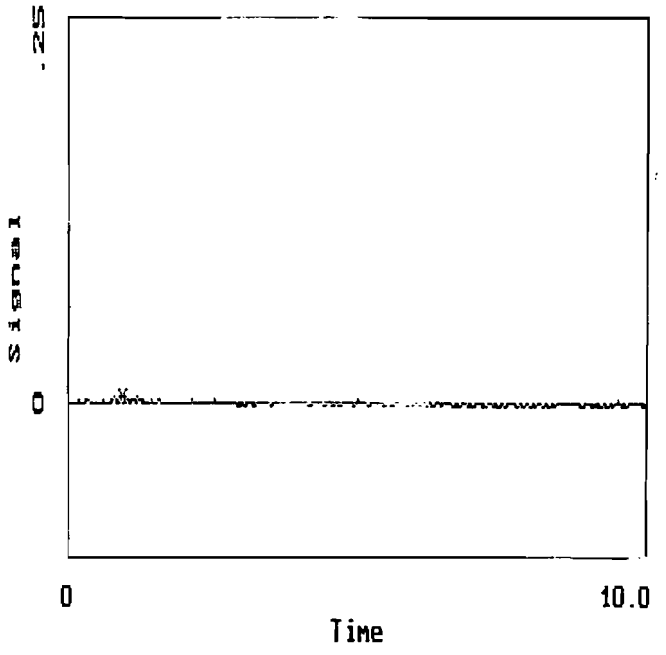
Method: HG Sample Name: CCV-1-3 Operator: VD
Run Time: 08/12/96 20:45:18
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.147

HG Unk Conc F:1 SN:CCB-1-3 08/12/96 20:49:43

xHg

#1 .1038



Corrected ————

Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:52:00 PM page 1

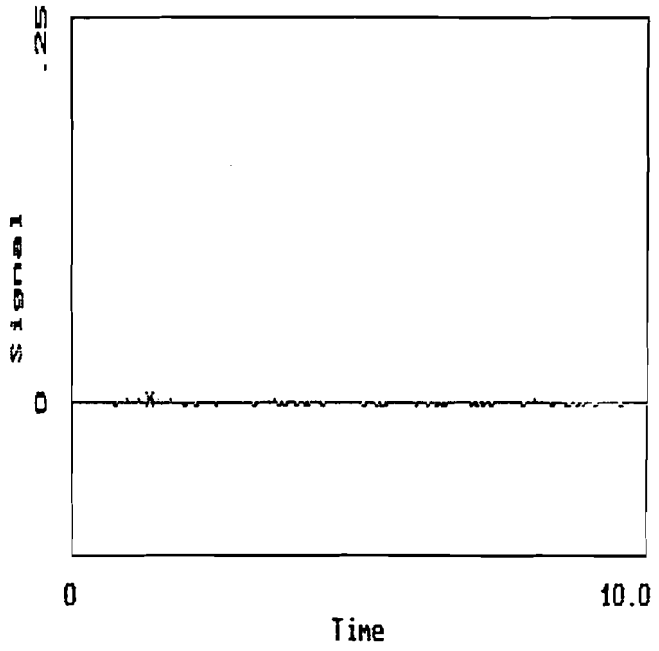
Method: HG Sample Name: CCB-1-3 Operator: VD
Run Time: 08/12/96 20:49:43
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1038

HG Unk Conc F:1 SN:PBW-2056 08/12/96 20:53:35

xHg

#1 .0308



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:55:52 PM page 1

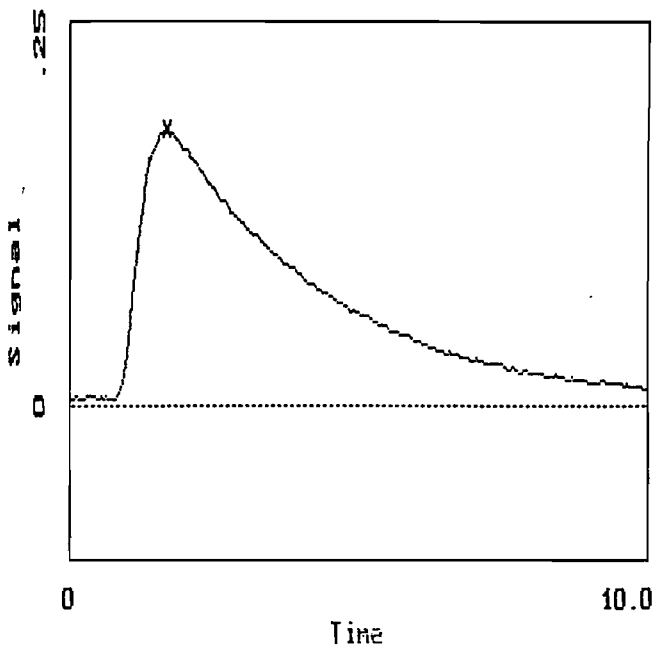
Method: HG Sample Name: PBW-2056 Operator: VD
Run Time: 08/12/96 20:53:35
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0308

HG Unk Conc F:1 SN:LCSW-2056 08/12/96 20:57:39

xHg

#1 4.134



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 08:59:57 PM page 1

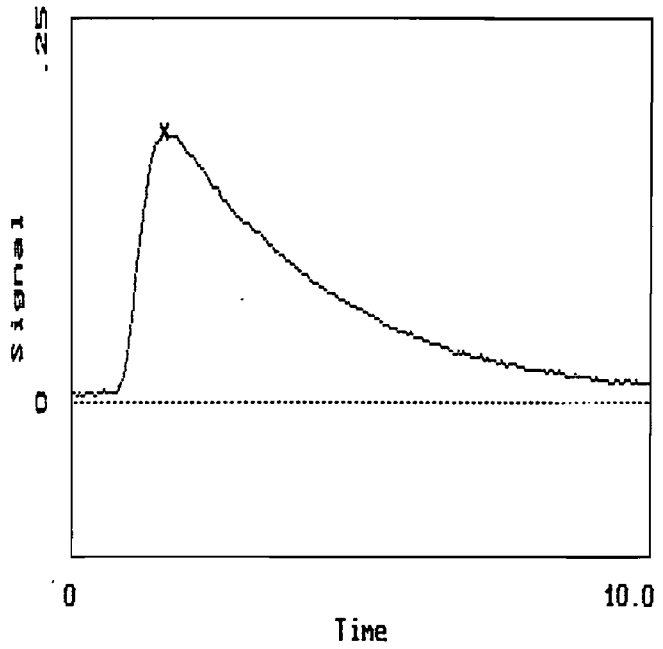
Method: HG Sample Name: LCSW-2056 Operator: VD
Run Time: 08/12/96 20:57:39
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.134

HG Unk Conc F:1 SN:LCSWD-2056 08/12/96 21:02:02

xHg

#1 4.065



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:04:19 PM page 1

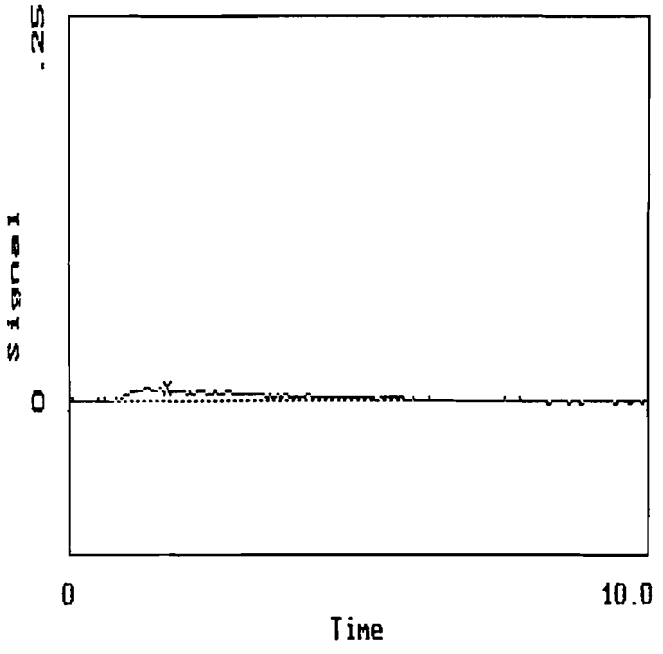
Method: HG Sample Name: LCSWD-2056 Operator: VD
Run Time: 08/12/96 21:02:02
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.065

HG Unk Conc F:1 SN:T608095-1 08/12/96 21:05:50

xHg

#1 .1765



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:08:07 PM page 1

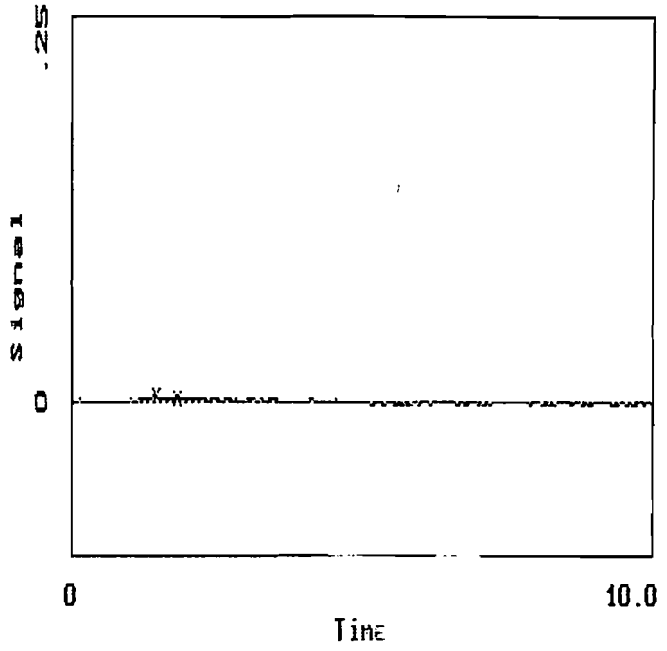
Method: HG Sample Name: T608095-1 Operator: VD
Run Time: 08/12/96 21:05:50
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1765

HG Unk Conc F:1 SN:T608099-1 08/12/96 21:11:09

xHg

#1 .0657



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:13:26 PM page 1

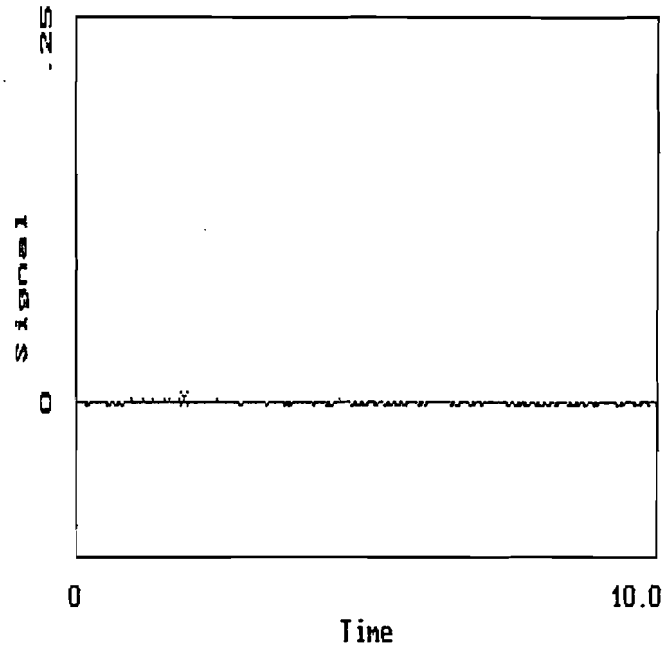
Method: HG Sample Name: T608099-1 Operator: VD
Run Time: 08/12/96 21:11:09
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0657

HG Unk Conc F:1 SN:T608099-1D 08/12/96 21:16:21

xHg

#1 .0412



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:18:39 PM page 1

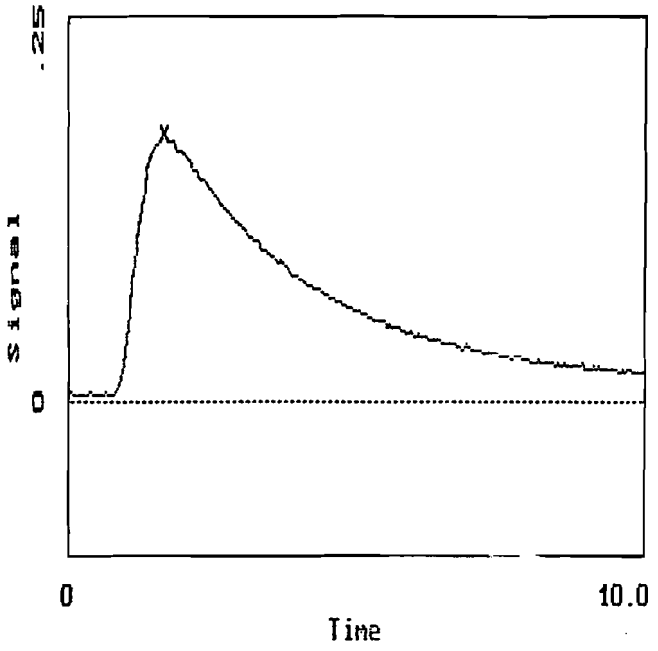
Method: HG Sample Name: T608099-1D Operator: VD
Run Time: 08/12/96 21:16:21
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0412

HG Unk Conc F:1 SN:T608099-1MS 08/12/96 21:21:46

xHg

#1 3.970



Corrected ————
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:24:04 PM page 1

Method: HG Sample Name: T608099-1MS Operator: VD
Run Time: 08/12/96 21:21:46
Comment:
Mode: Conc Corr. Factor: 1

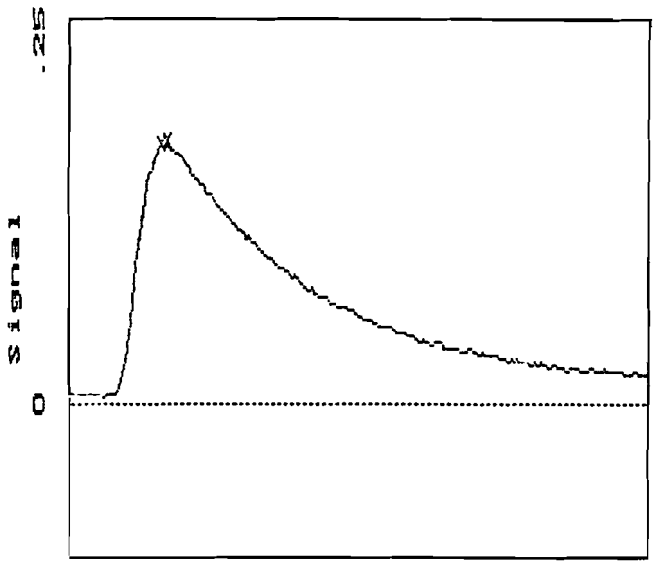
Elem	Hg
Units	ppb
Avge	3.970

HG Unk Conc F:1 SN:TG080899-1MS D 08/12/96 21:25:40

VD (8/12/96)

xHg

#1 3.892



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:27:58 PM page 1

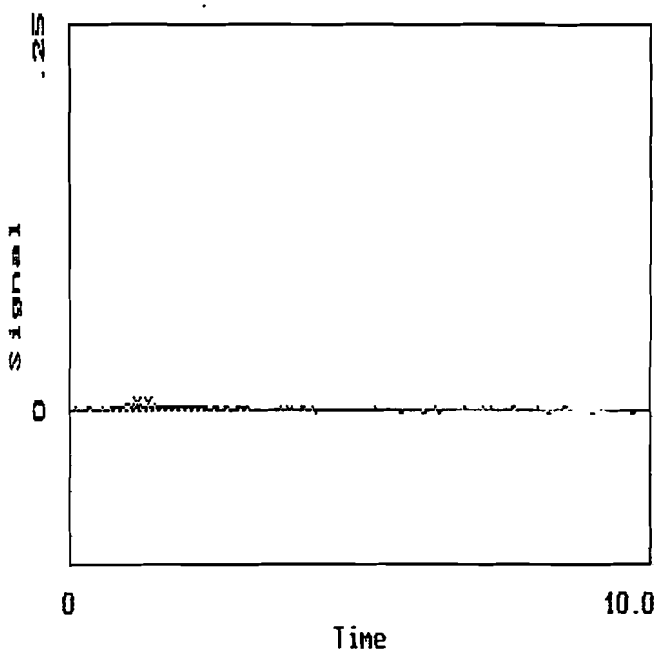
Method: HG Sample Name: T608099-1MS Operator: VD
Run Time: 08/12/96 21:25:40
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	3.892

HG Unk Conc F:1 SN:I608099-2 08/12/96 21:30:39

xHg

#1 .0959



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:32:57 PM page 1

Method: HG Sample Name: T608099-2 Operator: VD
Run Time: 08/12/96 21:30:39
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0959

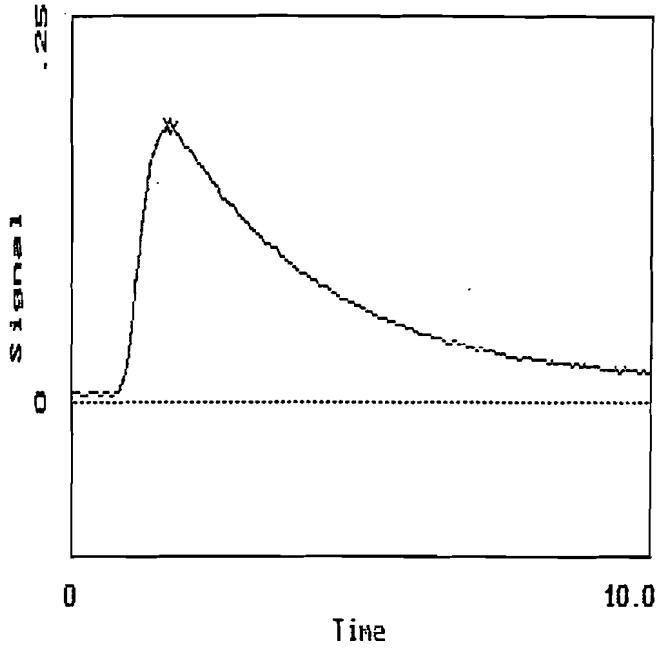
0644

Mon 08-12-96 09:35:36 PM page 1

HG Unk Conc F:1 SN:CCV-1-3 08/12/96 21:35:36

xHg

#1 4.068



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:37:54 PM page 1

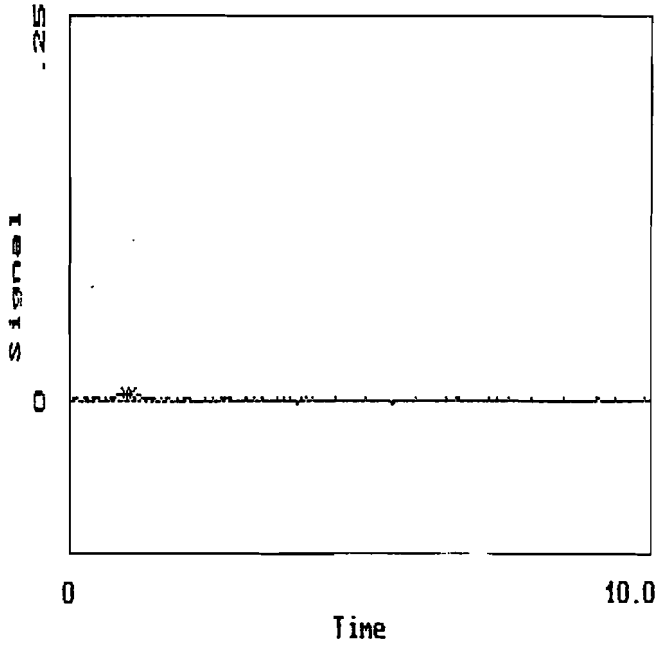
Method: HG Sample Name: CCV-1-3 Operator: VD
Run Time: 08/12/96 21:35:36
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.068

HG Unk Conc F:1 SN:CCB-1-4 08/12/96 21:40:13

xHg

#1 .0864



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:42:30 PM page 1

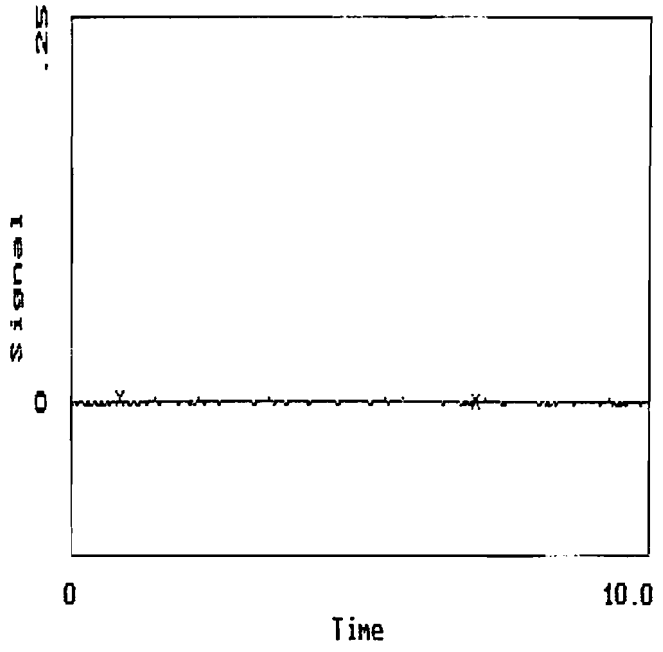
Method: HG Sample Name: CCB-1-4 Operator: VD
Run Time: 08/12/96 21:40:13
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0864

HG Unk Conc F:1 SN:T608099-3 08/12/96 21:44:28

xHg

#1 .0204



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:46:46 PM page 1

Method: HG Sample Name: T608099-3 Operator: VD
Run Time: 08/12/96 21:44:28
Comment:
Mode: Conc Corr. Factor: 1

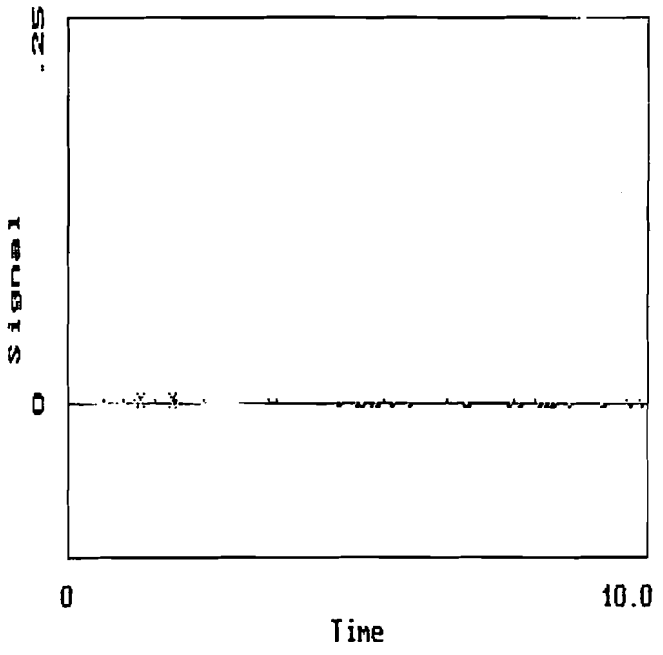
Elem	Hg
Units	ppb
Avge	.0204

0650

HG Unk Conc F:1 SN:I600099-4 08/12/96 21:49:00

xHg

#1 .0330



Corrected ——— ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:51:18 PM page 1

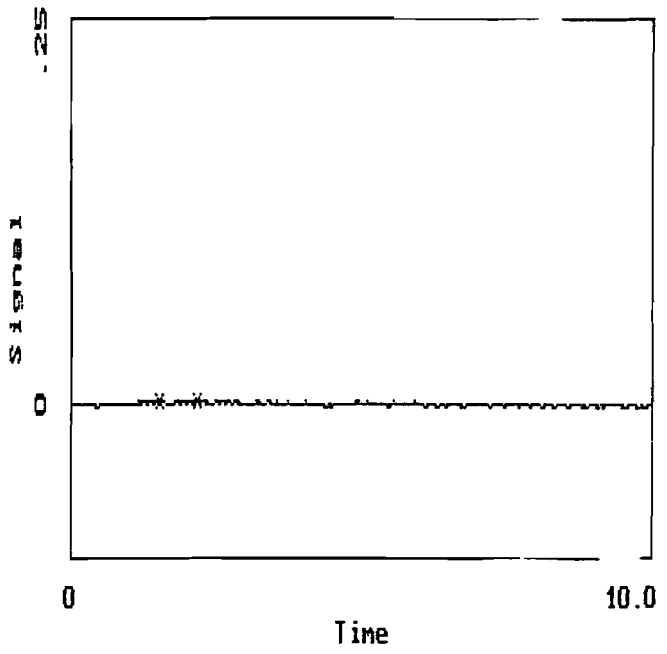
Method: HG Sample Name: T608099-4 Operator: VD
Run Time: 08/12/96 21:49:00
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0330

HG Unk Conc F:1 SN:T608099-5 08/12/96 21:53:25

xHg

#1 .0559



Corrected ————
Uncorrected - - - - -

Analysis Report Mon 08-12-96 09:55:42 PM page 1

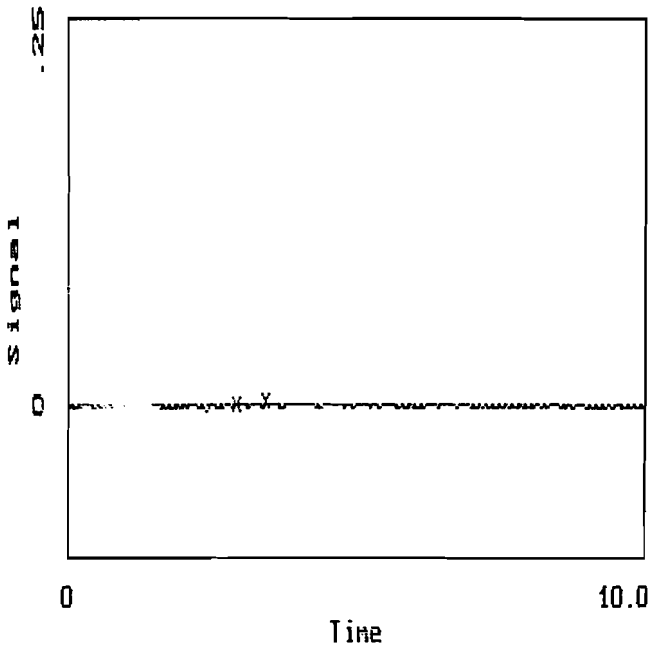
Method: HG Sample Name: T608099-5 Operator: VD
Run Time: 08/12/96 21:53:25
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0559

HG Unk Conc F:1 SN:T608099-6 08/12/96 21:58:09

xHg

#1 .0083



Corrected ——— —
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:00:27 PM page 1

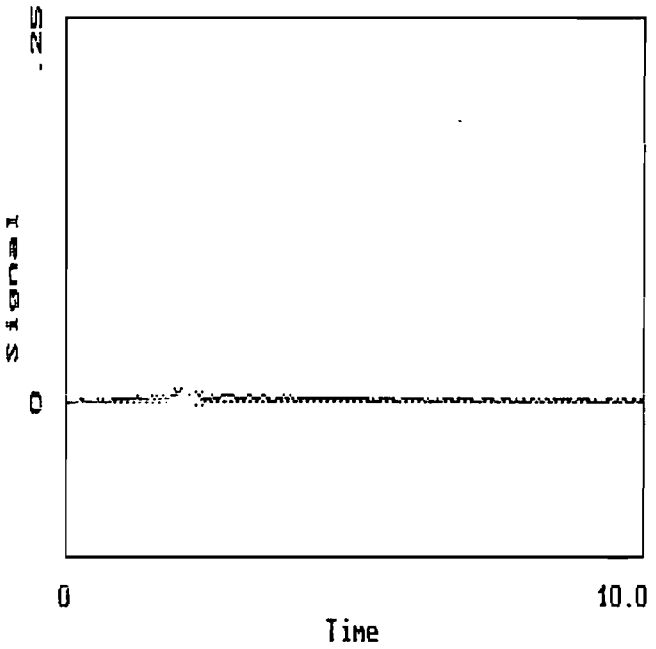
Method: HG Sample Name: T608099-6 Operator: VD
Run Time: 08/12/96 21:58:09
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0083

HG Unk Conc F:1 SN:T608099-7 08/12/96 22:02:35

xHg

#1 .0844



Corrected ————

Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:04:53 PM page 1

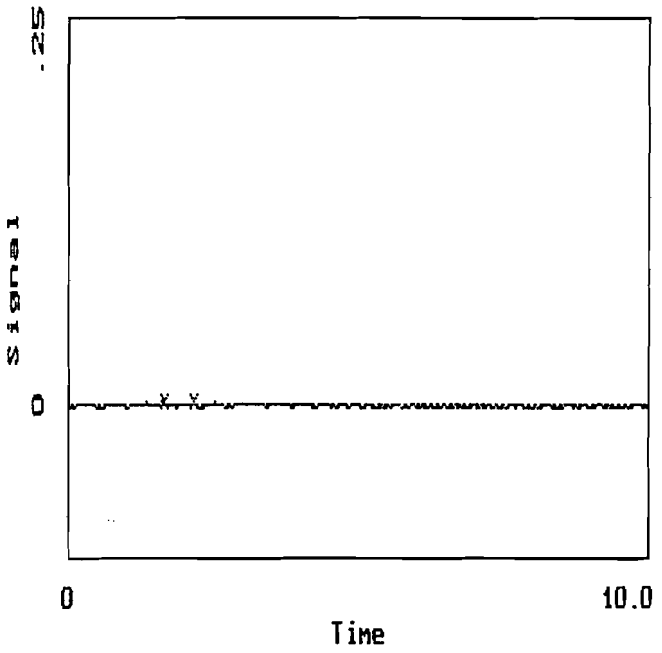
Method: HG Sample Name: T608099-7 Operator: VD
Run Time: 08/12/96 22:02:35
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0844

HG Unk Conc F:1 SN:T608099-8 08/12/96 22:07:04

xHg

#1 .0196



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:09:21 PM page 1

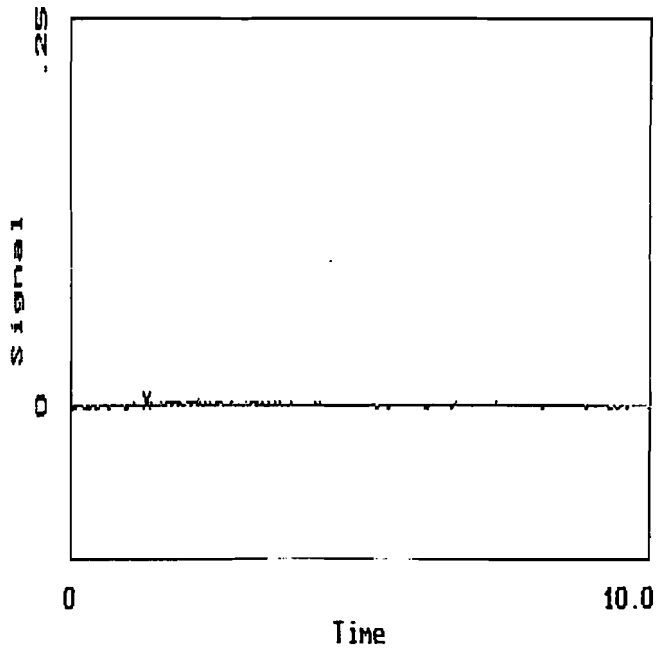
Method: HG Sample Name: T608099-8 Operator: VD
Run Time: 08/12/96 22:07:04
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0196

HG Unk Conc F:1 SN:TG080099-9 08/12/96 22:11:21

xHg

#1 .0761



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 03-12-96 10:13:38 PM page 1

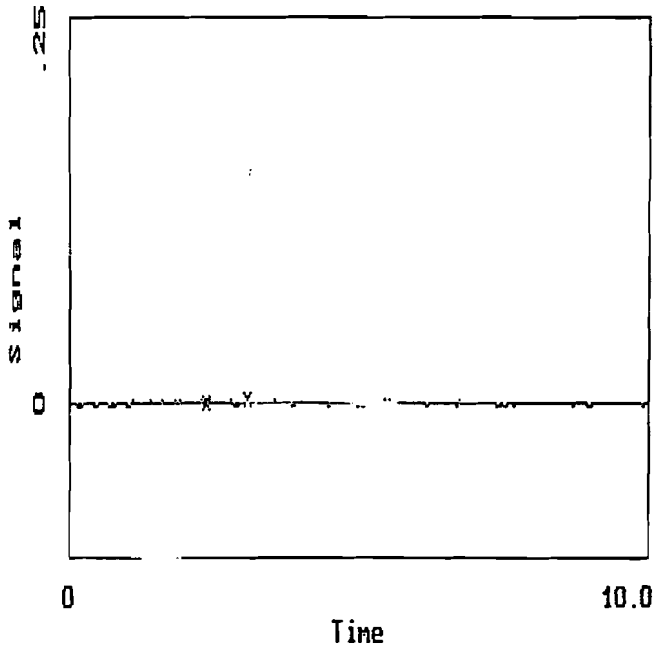
Method: HG Sample Name: T608099-9 Operator: VD
Run Time: 08/12/96 22:11:21
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0761

HG Unk Conc F:1 SN:T600099-10 08/12/96 22:15:15

xHg

#1 .0253



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:17:32 PM page 1

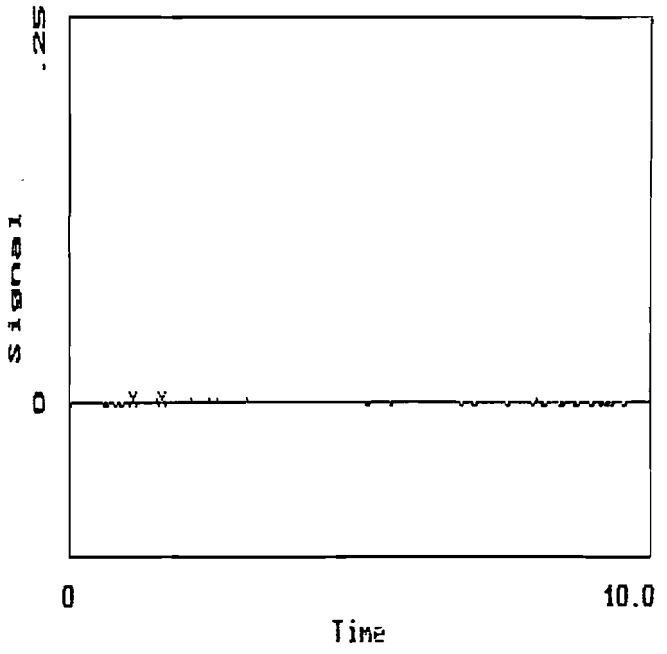
Method: HG Sample Name: T608099-10 Operator: VD
Run Time: 08/12/96 22:15:15
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0263

HG Unk Conc F:1 SN:T608099-11 08/12/96 22:19:48

xHg

#1 .0366



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:22:06 PM page 1

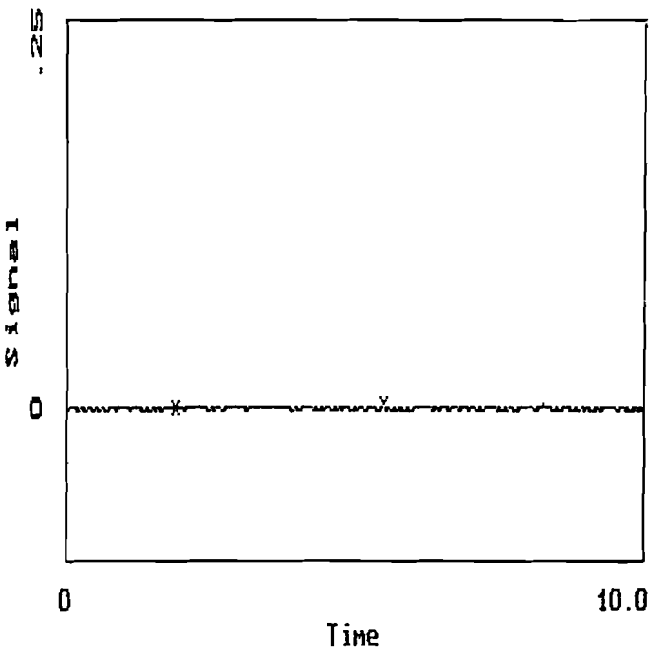
Method: HG Sample Name: T608099-11 Operator: VD
Run Time: 08/12/96 22:19:48
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0366

HG Unk Conc F:1 SN:T608099-12 08/12/96 22:24:20

xHg

#1 .0213



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:26:38 PM page 1

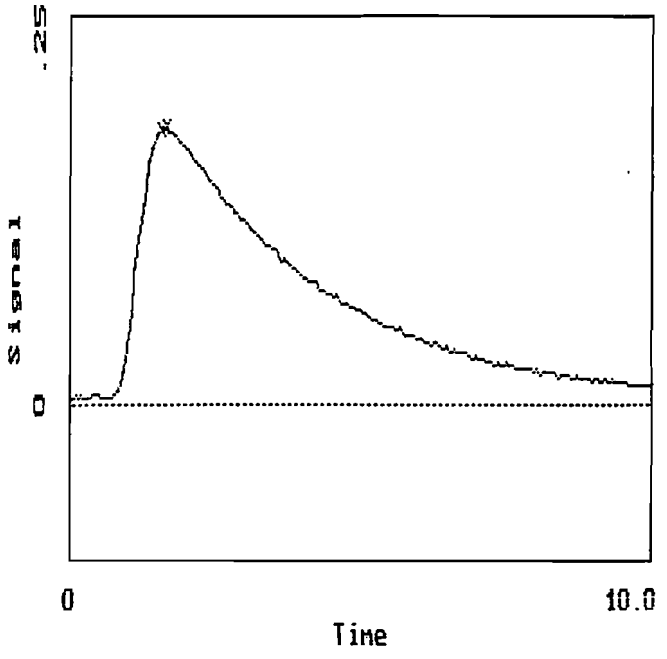
Method: HG Sample Name: T608099-12 Operator: VD
Run Time: 08/12/96 22:24:20
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0213

HG Unk Conc F:1 SN:CCV-1-5 08/12/96 22:28:29

xHg

#1 4.114



Corrected ————
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:30:47 PM page 1

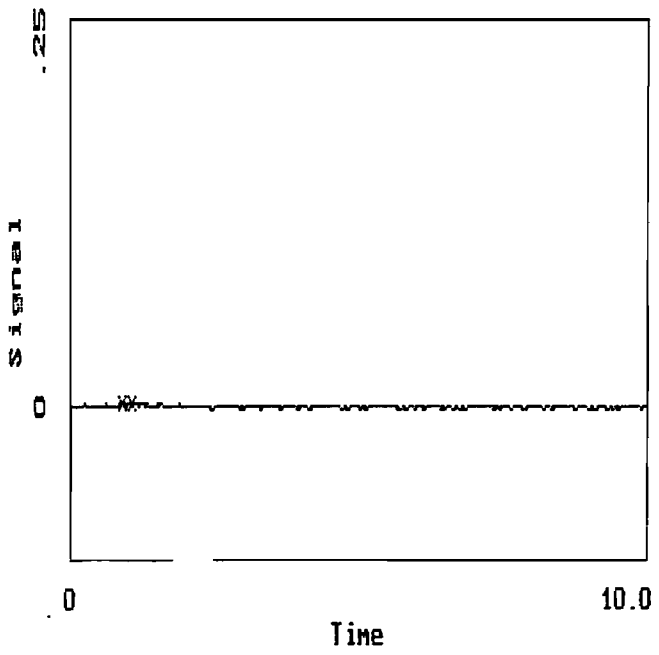
Method: HG Sample Name: CCV-1-5 Operator: VD
Run Time: 08/12/96 22:28:29
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.114

HG Unk Conc F:1 SN:CCB-1-5 08/12/96 22:32:43

xHg

#1 .0500



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:35:00 PM page 1

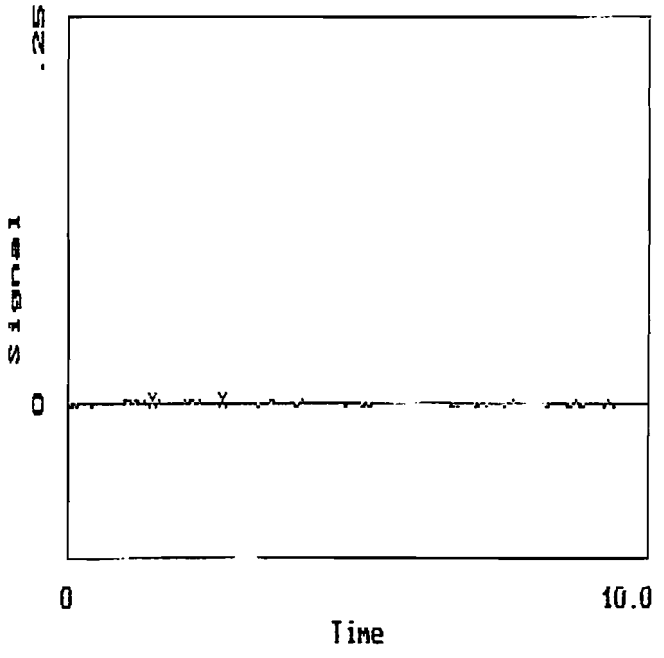
Method: HG Sample Name: CCB-1-5 Operator: VD
Run Time: 08/12/96 22:32:43
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0500

HG Unk Conc F:1 SN:T600899-13 08/12/96 22:38:58

xHg

#1 .0265



Corrected ————
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:41:07 PM page 1

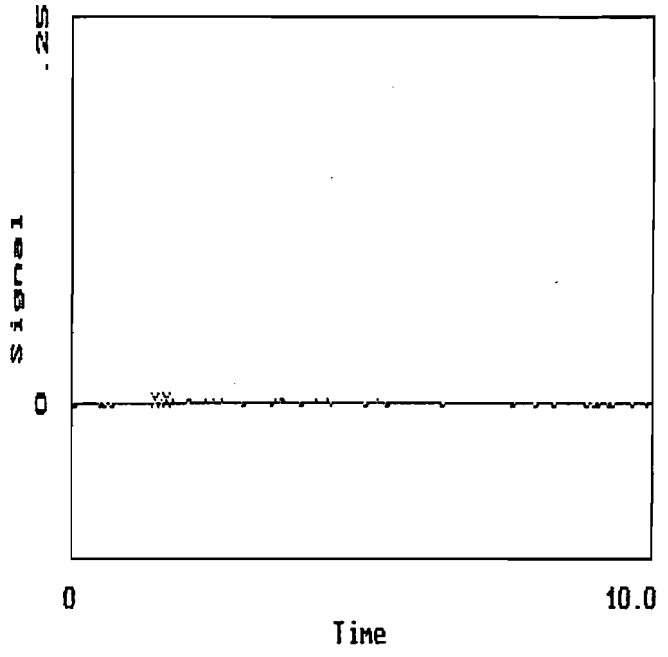
Method: HG Sample Name: T608099-13 Operator: VD
Run Time: 08/12/96 22:38:50
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0265

HG Unk Conc F:1 SN:T600099-14 08/12/96 22:42:46

xHg

#1 .0337



Corrected —— ——
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:45:03 PM page 1

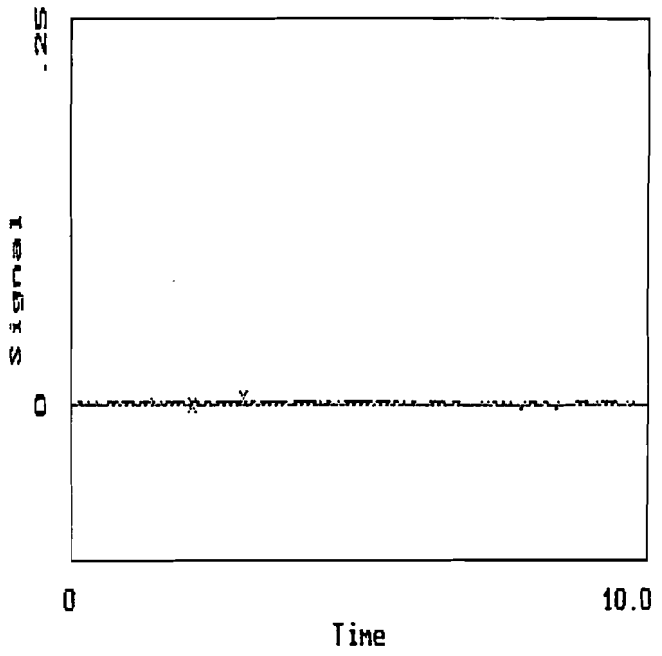
Method: HG Sample Name: T608099-14 Operator: VD
Run Time: 08/12/96 22:42:46
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0337

HG Unk Conc F:1 SN:T608099-15 08/12/96 22:47:05

xHg

#1 .8677



Corrected ————

Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:49:22 PM page 1

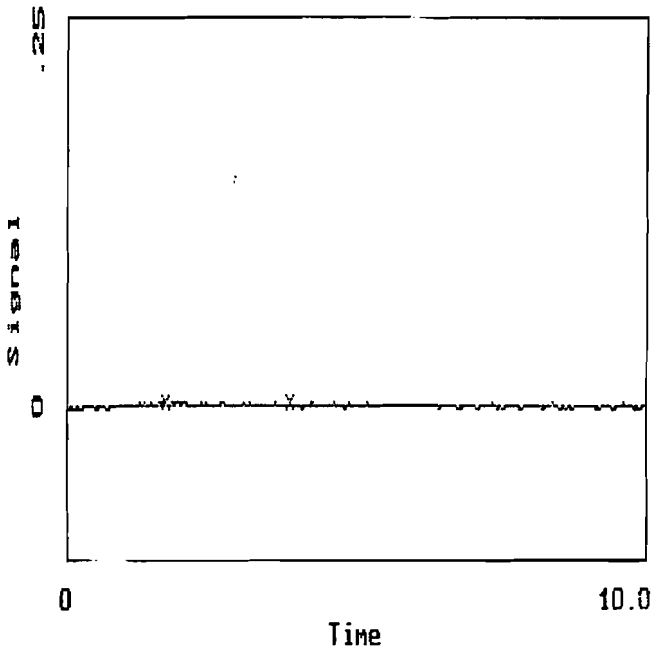
Method: HG Sample Name: T608099-15 Operator: VD
Run Time: 08/12/96 22:47:05
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0677

HG Unk Conc F:1 SN:T600899-16 08/12/96 22:51:49

xHg

#1 .0437



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 10:54:06 PM page 1

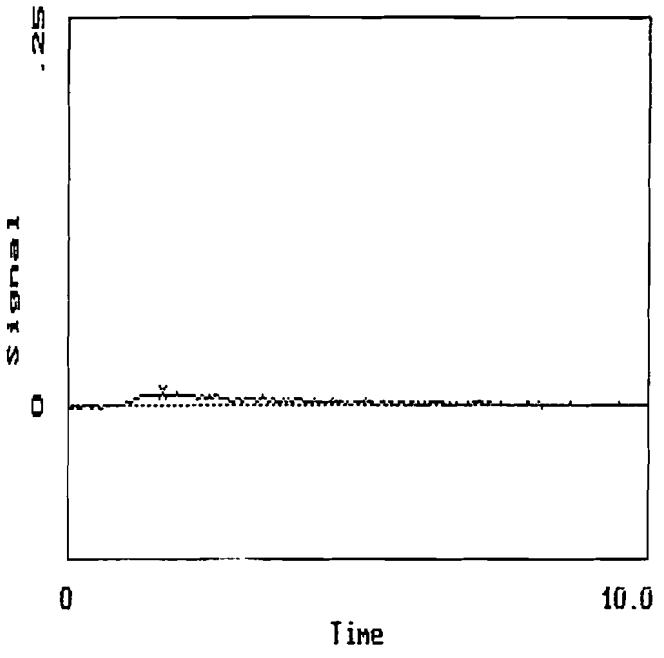
Method: HG Sample Name: T608099-16 Operator: VD
Run Time: 08/12/96 22:51:49
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0437

HG Unk Conc F:1 SN:I608101-3 08/12/96 22:58:18

xHg

#1 .1656



Corrected ————
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:00:36 PM page 1

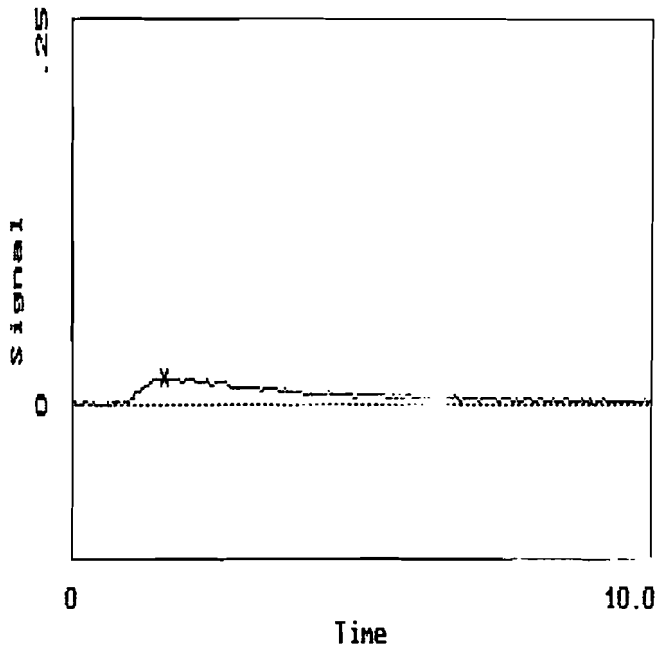
Method: HG Sample Name: T608101-3 Operator: VD
Run Time: 08/12/96 22:58:18
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.1656

HG Unk Conc F:1 SN:T608102-2 08/12/96 23:04:31

xHg

#1 .4298



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:06:48 PM page 1

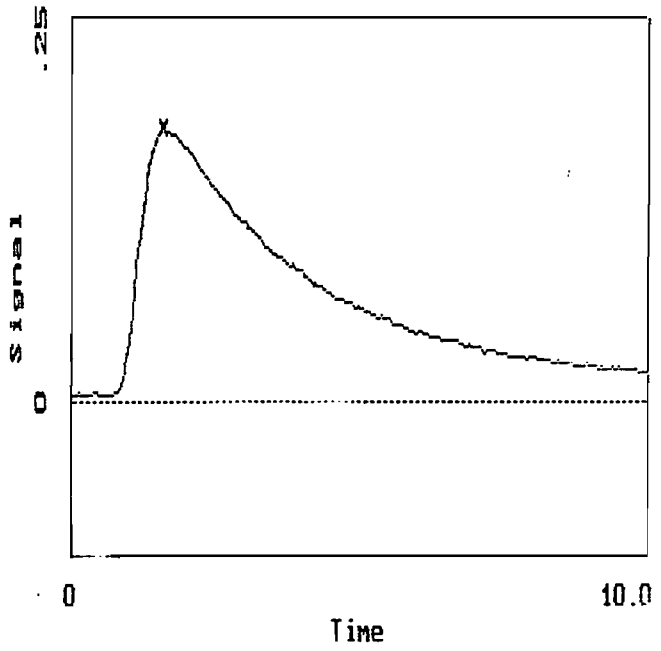
Method: HG Sample Name: T608102-2 Operator: VD
Run Time: 08/12/96 23:04:31
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.4298

HG Unk Conc F:1 SN:CCV-1-6 08/12/96 23:11:10

xHg

#1 4.098



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:13:27 PM page 1

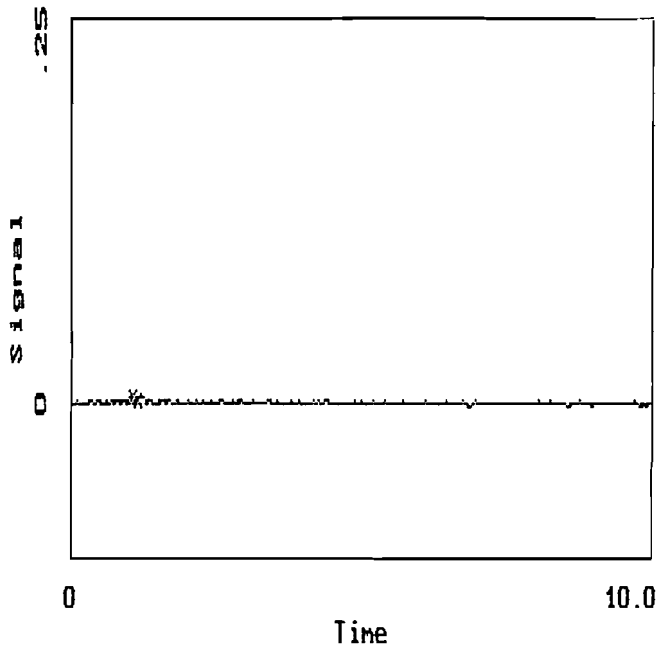
Method: HG Sample Name: CCV-1-6 Operator: VD
Run Time: 08/12/96 23:11:10
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.098

HG Unk Conc F:1 SN:CCB-1-6 08/12/96 23:14:57

xHg

#1 .0928



Corrected ———

Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:17:14 PM page 1

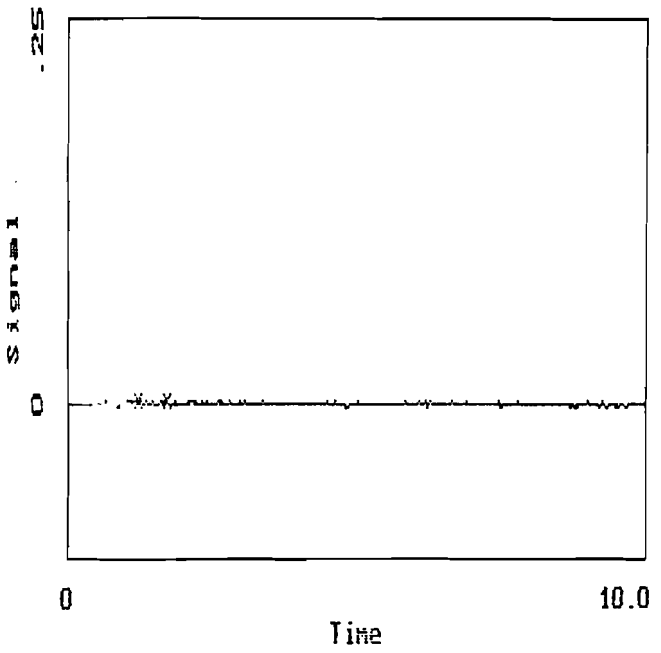
Method: HG Sample Name: CCB-1-6 Operator: VD
Run Time: 08/12/96 23:14:57
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0928

HG Unk Conc F:1 SN:PBW-2042 08/12/96 23:18:55

xHg

#1 .0486



Corrected ————

Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:21:13 PM page 1

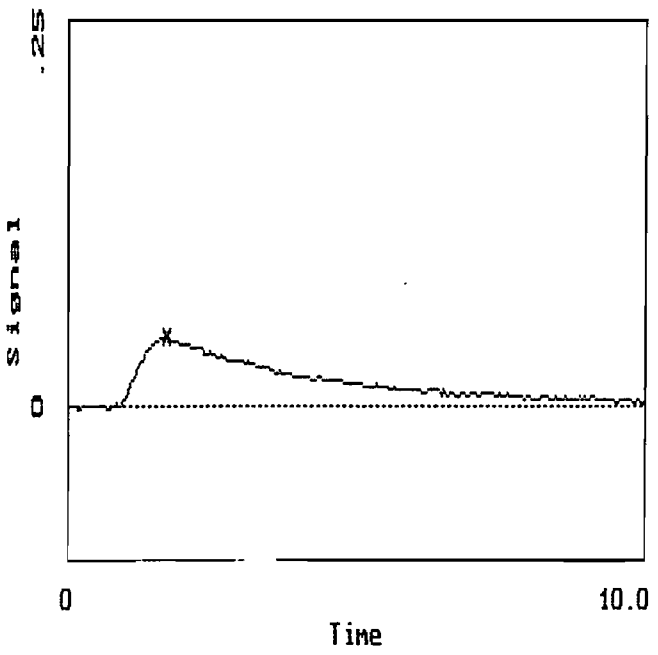
Method: HG Sample Name: PBW-2042 Operator: VD
Run Time: 08/12/96 23:18:55
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avgc	.0486

HG Unk Conc F:1 SN:LCSW-2042 08/12/96 23:23:21

xHg

#1 1.008



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:25:38 PM page 1

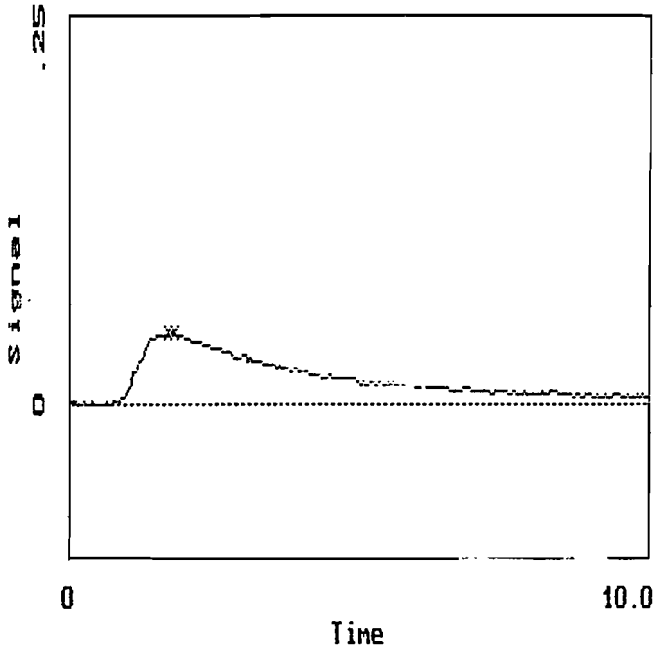
Method: HG Sample Name: LCSW-2042 Operator: VD
Run Time: 08/12/96 23:23:21
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.008

HG Unk Conc F:1 SN:LCSWD-2042 08/12/96 23:28:35

xHg

#1 1.022



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:30:52 PM page 1

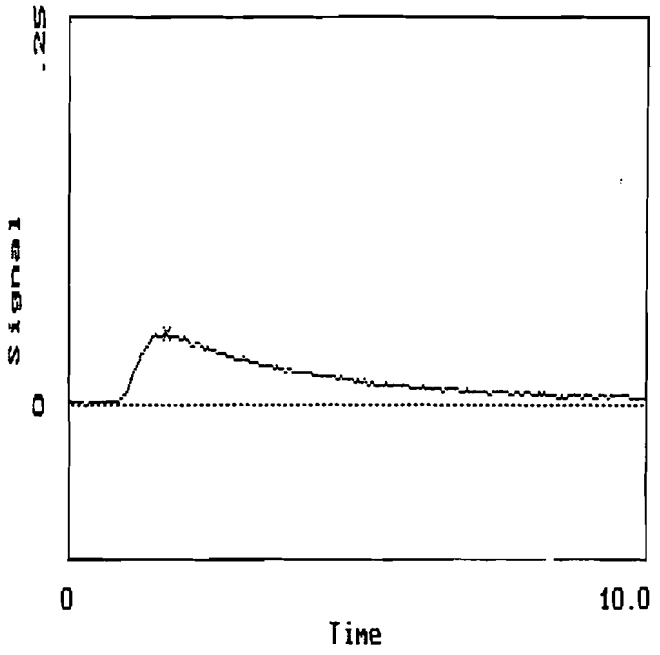
Method: HG Sample Name: LCSWD-2042 Operator: VD
Run Time: 08/12/96 23:28:35
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	1.022

HG Unk Conc F:1 SN:TG07239-4MS 08/12/96 23:32:41

xHg

#1 1.032



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:34:58 PM page 1

Method: HG Sample Name: T607239-4MS Operator: VD
Run Time: 08/12/96 23:32:41
Comment:
Mode: Conc Corr. Factor: 1

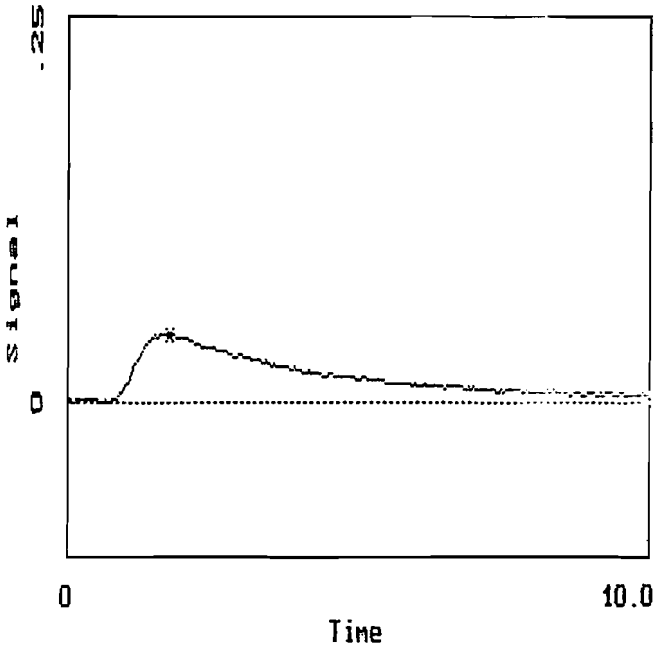
Elem	Hg
Units	ppb
Avge	1.032

0696

HG Unk Conc F:1 SN:T607354-1MS 08/12/96 23:37:33

xHg

#1 .9953



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:39:51 PM page 1

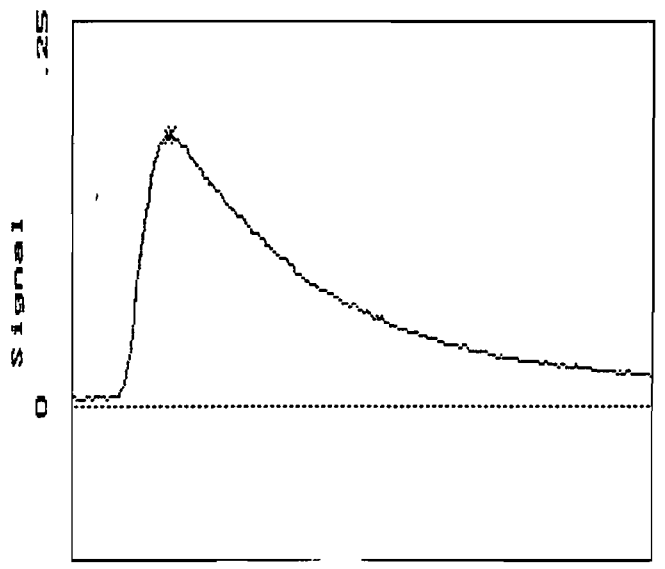
Method: HG Sample Name: T607354-1MS Operator: VD
Run Time: 08/12/96 23:37:33
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.9953

HG Unk Conc F:1 SN:CCV-1-7 08/12/96 23:41:07

xHg

#1 4.037



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:43:24 PM page 1

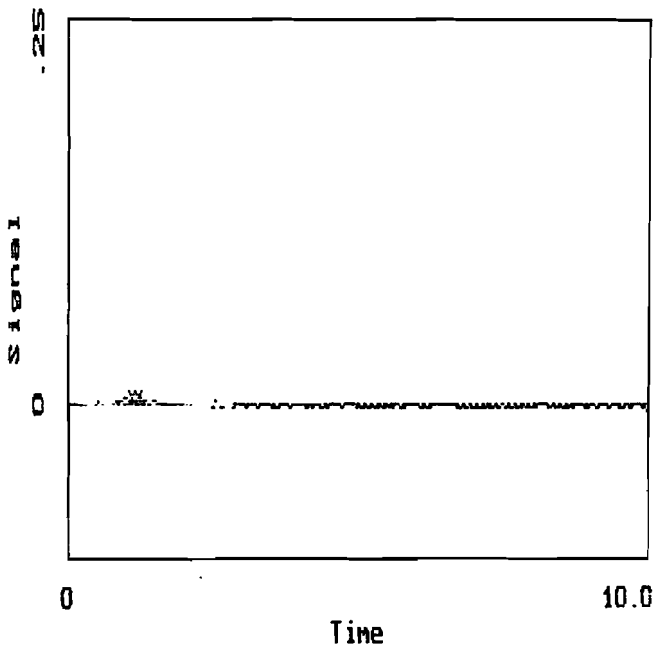
Method: HG Sample Name: CCV-1-7 Operator: VD
Run Time: 08/12/96 23:41:07
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	4.037

HG Unk Conc F:1 SN:CCB-1-7 08/12/96 23:44:43

xHg

#1 .0632



Corrected ———
Uncorrected - - - - -

Analysis Report Mon 08-12-96 11:47:01 PM page 1

Method: HG Sample Name: CCB-1-7 Operator: VD
Run Time: 08/12/96 23:44:43
Comment:
Mode: Conc Corr. Factor: 1

Elem	Hg
Units	ppb
Avge	.0632

ASP

121

SAMPLE PREPARATION LOG BATCH NO. 2043

LRI Sample No.	ICP				Furnace				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Acid Added	Initial Vol/Wt	Final Vol/Wt	Factor	Acid Added		
PBlk	100 ml	100	1D	1 ml HNO_3						
LCSW	100 ml			5 ml HCL						1 ml each of SST 10 ug/L #1, 2, 3, 4, 5
LCSWD	100 ml									
607354										
1D										
1MS										
607354-2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17	↓	↓	↓	↓						

Analyst/Date 8/7/96 SS

Sample Spiked 607354-1

Sample Duped 607354-1

Spiked Added 1 ml each of SST Trace # 1, 2, 3, 4, 5

SAMPLE PREPARATION LOG BATCH NO# 2043, 2042

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
PBW	100 ml	100 ml	1D	5 ml 0.5N H_2SO_4 2.5 ml 5% HNO3		
LCSW						
T607239-4						
" -8						
" -13						
" -4D						
" -4MS						
T607354-1						
" -1D						
" -1S						
" -2						
" -3						
" -4						
" -5						
" -6						
" -7						
" -8						
" -9						
" -10						
" -11						
" -12						
" -13						
" -14						
" -15						
" -16						
" -17						

Analyst/Date JAP/ 8/6/96

Sample Spiked T607239-4 T607354-1

Sample Duped -4D -1D

Spiked Added 1ml 100 mg Hg (Spex)

Laboratory Resources Inc.

SAMPLE PREPARATION LOG BATCH NO. #2042, 2042

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
PBCS	100 ml	100 ml	1	5ml 0.5N H_2SO_4 2.5ml 5% HNO_3		Batch
LCSD						#2042
T607354-1						
" -1D						
" -1MS						
T607239-4						
" -4D						
" -4S						
" -8						
" -13						
ICL 1ml	1 ml	100 ml	100			
[illegible]						
[illegible]						
[illegible]						
[illegible]						
[illegible]						
ICL						
ICL						

Analyst/Date JAP/ 5/8/96
Sample Spiked T607354-1, T607239-4
Sample Duped " -1D " -4D
Spiked Added 4ml spiked 100ppb Hg (Hg)

Laboratory Resources Inc

0705

SAMPLE PREPARATION LOG BATCH NO. #2052

LRI Sample No.	Mercury				PH S.U	Comments
	Initial Vol/Wt	Final Vol/Wt	Factor	Reagent Added		
PBW	100 ml	100 ml	1 D	5 ml 0.5 N H_2SO_4 2.5 ml Con HNO3		
LCSW						
LCSW D						
T6050 82-1						
" -1 D						
" -1 S						
" -1 SD						
" -2						
" -3						
" -5						
" -7						
" -8						
" -9						
" -10						
" -11						
" -12						
" -13						
" -14						
PBW						#2048
LCSW						
LCSW D						
T607354-1S	50 ml	100 ml	2 D			
T607239-4S	100 ml	100 ml	1 D.			

Analyst/Date JAF / 8/12/96
Sample Spiked T605052-1
Sample Duped " -1 D
Spiked Added 4 ml

SAMPLE PREPARATION SHEET METALS DEPT.

DESCRIPTION

ASP -CLP- 2043

SAMPLE NO.	COLOR BEFORE	COLOR AFTER	CLARITY BEFORE	CLARITY AFTER	TEXTURE	ARTIFACTS	COMMENTS
607354-1	colorless	colorless	clear	clear			
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							

CLP DESCRIPTIVE TERMS

1.COLOR: Red,BLUE,YELLOW,Green,Orange,Violet,White,Colorless,Brown,Gray,Black

2.CLARITY: Clear,Cloudy,Opaque;

3.TEXTURE: Fine(powdery),Medium(sand),Coarse(large crystals or rocks);

If artifacts are present, enter YES in the artifacts field.Describe the artif

Record any significant changes that occur during sample preparation in the comments field.

Laboratory Resources

TITLE

PROJECT NO.

BOOK NO.

RI Lot #	STD	manufacturer	lot #	conc mg/l	Date received	Date opened	Expire. Date	notes
A.67.01	Al	~~[illegible]~~ High Purity	690610	1000	7.5.96	7.7.96	8.1.97	
A.67.02	K	High Purity	690501	1000				
A.67.03	K		690522	10000		7.7.96		
A.67.04	Se		690523	1000				
A.67.05	Si		690508	1000				
A.67.06	Ag		690415	1000		↓		
A.67.07	Na		690530	1000				
A.67.08	Na		690410	10000		7.7.96		
A.67.09	Tl		690402	1000				
A.67.10	Sn		690528	1000				
A.67.11	Ti		690410	1000				
A.67.12	Va		690315	1000		↓		
A.67.13	Y		690319	1000				
A.67.14	Zn		690522	1000		7.7.96		
A.67.15	CLP analyte		690520	various				
A.67.16	CLP Inf.		690318	various				
A.67.17		↓			↓			

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

SIGNATURE DATE

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66 TITLE

PROJECT NO.

BOOK NO.

LRI lot #	STD	manufacter	lot #	conc mg/l	Date recieved	Date opened	Expire. Date	note
A.00.01	Be	High Purity	690609	1000	7.5.96	7.17.96	8.1.97	
A.00.02	B		690417	1000				
A.00.03	Cd		690609	1000				
A.00.04	Ca		690425	1000				
A.00.05	Ca		690612	10,000		7.17.96		
A.00.06	Cr		690625	1000				
A.00.07	Co		690416	1000				
A.00.08	Cu		690513 3x 5	1000				
A.00.09	Fe		690619	1000				
A.00.10	Fe		690624	10,000		7.17.96		
A.00.11	Pb		690701	1000				
A.00.12	Li		690614	1000				
A.00.13	Mg		690429	1000		7.17.96		
A.00.14	Mg		690424	10,000				
A.00.15	Mn		690627			7.17.96		
A.00.16	Hg		690619					
A.00.17	Mo	✓	690306		✓	7.17.96		

SCIENTIFIC SLIDES/PRODUCTIONS CHICAGO

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0709

TITLE

PROJECT NO.

BOOK NO.

LRI LOT No.	STD	Manufacturer	Lot No.	Conc, MG/L	Date Received	Date Opened	Expiration Date	Notes
A-65-01	Cu	Inorganic Ventures	K-CA0208	10,064	6/07/96		7/01/97	
A-65-02	Fe	Inorganic Ventures	K-FE0208	999	6/07/96		7/01/97	
A-65-03	K	Inorganic Ventures	K-KO208	9950	6/07/96	6/13/96	7/01/97	
A-65-04	Mg	Inorganic Ventures	L-MG0208	10,08	6/07/96	6/19/96	7/01/97	
A-65-05	Mo	Inorganic Ventures	K-MO0110L	1005	6/07/96		7/01/97	
A-65-06	Na	Inorganic Ventures	L-NA0208	9985	6/07/96		7/01/97	
A-65-07	Sn	Inorganic Ventures	K-SN0107	998	6/07/96		7/01/97	
A-65-08	Be	Spex	4-21BE	1000	6/20/96	7/09/96	7/30/97	
A-65-09	Cr	Spex	4-22CR	1000	6/20/96	7/09/96	7/30/97	
A-65-10	AL	Spex	5-17AL	1000	6/20/96	7/09/96	7/30/97	
A-65-11	Fe	Spex	5-26FE	1000	6/20/96	7/09/96	7/30/97	
A-65-12	Mg	Spex	4-12MG	1,000	6/20/96	7/09/96	7/30/97	
A-65-13	AL	High Purity	690618	1000	7.5.96	7.17.96	8.1.97	
A-65-14	AL	↓	690508	10,000	↓	↓	↓	
A-65-15	SO		690501	1000		7.17.96		
A-65-16	AS		690522	1000		↓		
A-65-17	BA	↓	690004	1000	↓	↓	↓	

SCIENTIFIC BINDER PRODUCTIONS CHICAGO 60605

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LRT LOT No.	STD	Manufacturer	Lot No.	Conc. Mg/L	Date Recieved	Date Opened	Expiration Date	A
A-64-01	Mg	Inorganic Ventures	K-MG0003	10,05L	4/17/96	5/10/96	4/22/97	
A-64-02	Y	Inorganic Ventures	L-Y01061	1004	4/22/96	5/01/96	4/22/97	
A-64-03	Li	Inorganic Ventures	L-LI0002	10,07	4/29/96	4/29/96	5/01/97	
A-64-04	Ba	Spex	4-196BA	1,000	5/09/96	7/09/96	5/15/97	
A-64-05	Ca	Spex	K4-35CA	10,000	5/09/96	5/17/96	5/15/97	
A-64-06	Ni	Spex	4-269NI	1,000	5/09/96	5/17/96	5/15/97	
A-64-07	Pb	Spex	4-105PB	1,000	5/09/96	5/17/96	5/15/97	
A-64-08	Ti	Spex	5-24TI	1,000	5/09/96		5/15/97	
A-64-09	Zn	Spex	4-247ZN	1,000	5/09/96	5/17/96	5/15/97	
A-64-10	As	Spex	4-263AS	1,000	5/16/96	05/0/96	5/15/97	
A-64-11	Fe	Spex	I4-92FE	10,000	5/16/96		5/15/97	
A-64-12	K	Spex	K4-61K	10,000	5/16/96		5/15/97	
A-64-13	Inter Ents A	Spex	10-34AS	5000ppm Al(4) Mg 2000ppm Fe	5/16/96	5/20/96	5/15/97	
A-64-14	Sn	Spex	5-45SN	1,000	5/23/96	5/23/96	5/31/97	
A-64-15	Li	Inorganic Ventures	L-LI0200	10,07	6/07/96	6/07/96	7/01/97	
A-64-16	Al	Inorganic Ventures	K-AL0304	10,025	6/07/96		7/01/97	
A-64-17	As	Inorganic Ventures	K-AS0109	1003	6/07/96		7/01/97	

SCIENTIFIC BINDERY PRODUCTIONS CHI

SIGNATURE DATE

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TITLE

PROJECT NO.

BOOK NO.

IRI Lot No.	STD	Manufacturer	Lot. No.	Conc. Mg/L	Date Recieved	Date Opened	Expiration Date	Notes
A-63-01	K	Inorganic Ventures	K-QK01011	10,059	2/01/96		2/01/97	
A-63-02	Mg	Inorganic Ventures	K-MG03091	10,011	2/01/96		2/01/97	
A-63-03	Ti	Inorganic Ventures	K-TI01117	1000	2/01/96		2/01/97	
A-63-04	AL	Inorganic Ventures	K-AL03037	995	3/05/96	3/06/96	3/05/97	
A-63-05	Ba	Inorganic Ventures	K-QBA0102	1002	3/05/96		3/05/97	
A-63-06	Ca	Inorganic Ventures	K-CA01066	10,069	3/05/96	3/05/96	3/05/97	
A-63-07	Int-61	Spex	C-63AS	100 ppm Ag, Co, Ni, Ca, Zn 50 ppm Ba, Be, Fe, Cr, Cu, Mn, V	3/12/96	3/22/96	3/15/97	
A-63-08	Spike	Spex	C-113AS	200 Al, K, Na, 50 IL 100 Fe 50 Sb, Co, Pb, Mg, Ni, U, 25 Cu	3/13/96		3/15/97	
A-63-09	Li	Inorganic Venture	K-LI0167	9957				
A-63-10	STD 2 Beta, 100ppm Cr, Fe, As, Ag, Ba,	Spex	10-09MM	100PPM	4/05/96	4/17/96	4/01/97	Contains 100 ppm of Fe, As, Ag, Ba, Be, Li, Ca, Cr, Cu, Mn, Mo, Ni, Sr, Tl, V, Zn, Pb, Se
A-63-11	Interference A	Spex	10-34AS	500 ppm Al, Ca, Mg, 2,000 ppm Fe	4/05/96	4/05/96	4/01/97	
A-63-12	B	Inorganic Ventures	K-B01120	1000	4/22/96		4/22/97	
A-63-13	AL	Inorganic Ventures	K-AL03039	1004	4/22/96		4/22/97	
A-63-14	Ca	Inorganic Ventures	K-CA03066	10069	4/22/96	5/10/96	4/22/97	
A-63-15	Na	Inorganic Ventures	K-NA04076	9900	4/22/96		4/22/97	
A-63-16	Ti	Inorganic Ventures	K-TI01117	1000	4/22/96		4/22/97	

SCIENTIFIC CERTIFIED PRODUCTIONS CHICAGO 60605

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62 TITLE

PROJECT NO.

BOOK NO.

LRI LOT NO.	STD	Manufacturer	Lot. No.	Conc. mg/L	Date Received	Date Opened	Expiration Date	Acc
A-62-01	Sb	Spex	4-2425B	1,000	12/19/95	2/13/96	12/15/96	
A-62-02	Tl	Spex	4-113Tl	1,000	12/19/95	5/17/96	12/15/96	
A-62-03	Al	Inorganic Ventures	K-AL0934	1004	1/05/96		1/05/97	
A-62-04	Hg	Inorganic Venture	K-HG0125	1005	1/05/96		1/05/97	
A-62-05	Ni	Inorganic ventures	K-NI0111	1004	1/05/96	2/20/96	1/05/97	
A-62-06	Ag	Spex	4-157Ag	1000	1/19/96		1/15/97	
A-62-07	Ca	Spex	4-240CA	1000	1/19/96	7/09/96	1/15/97	
A-62-08	Cd	Spex	4-163CD	1000	1/19/96	2/27/96	1/15/97	
A-62-09	Co	Spex	4-220Co	1000	1/19/96	2/27/96	1/15/97	
A-62-10	Cu	Spex	4-234Cu	1000	1/19/96	2/27/96	1/15/97	
A-62-11	Hg	Spex	4-196Hg	1000	1/19/96		1/15/97	
A-62-12	Mg	Spex	I3-174Mg	10,000	1/19/96	2/27/96	1/15/97	
A-62-13	Mn	Spex	4-233Mn	1,000	1/19/96	2/27/96	1/15/97	
A-62-14	Si	Spex	4-145Si	1,000	1/19/96	2/27/96	1/15/97	
A-62-15	Fe	Inorganic Ventures	K-FE1002	10,000	2/01/96	6/14/96	2/01/97	
A-62-16	Li	Inorganic Venture	K-LI0107	10,000	2/01/96	2/05/96	2/01/97	
A-62-17	Li	Inorganic Ventures	K-LI0107	10,000	2/01/96		2/01/97	

SCIENTIFIC INDUSTRY PUBLICATIONS CHI

SIGNATURE			DATE
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^L =LOT NO.	STD	Manufactured	Lot.No.	Conc. Mg/L	Date Recieved	Date Opened	Expiration Date	Notes
A-61-01	Mg	I.V.	J-MG0212	1011	9/20/95	9/30/95	9/20/96	
A-61-02	Mg	I.V.	K-MG0283L	10,076	9/20/95		9/20/96	
A-61-03	Se	I.V.	J-SE01063	1002	9/20/95	9/30/95	9/20/96	
A-61-04	Hydroxylamine Hydrochloride	J.T.Baker	~~C-5470-11-1~~ H44704	—	10/13/95		—	500 gms X 4
A-61-05	Stannous Chloride dihydrate	J.T.Baker	J16708	$SnCl_2 \cdot 2H_2O$	10/13/95			500 gms X 4
A-61-06	Potassium persulfate	J.T.Baker	J03776	$K_2S_2O_8$	10/16/95			500g X 4
A-61-07	B	Spex	4-237B	1000	10/30/95		10/31/96	
A-61-08	Se	Spex	4-140SE	1000	10/30/95		10/31/96	
A-61-09	Sn	Spex	EY-3SN	10,000	10/30/95	10/30/95	10/31/96	
A-61-08	Se	Spex	4-140se	1.000	10/30/95 ~~11/07/95~~	11/07/95	10/31/96	
A-61-10	Fe	Spex	~~IL~~-92FE	10,000	11/01/95	11/01/95	11/15/96	
A-61-11	Al	I.V.	K-AL03033	10,051	10/31/95		10/31/96	
A-61-12	Cd	I.V.	~~J~~ K-CA0215	1004	10/31/95		10/31/96	
A-61-13	Mg	I.V.	K-MG0300L	10,011	12/1/95		12/1/96	
A-61-14	Na	I.V.	K-NA0204	9974	12/1/95		12/1/96	
A-61-15	Cd	I.V.	K-CA02055	10,000	12/1/95		12/1/96	
A-61-16	Li	I.V.	K-LI01107	9957	12/1/95		12/1/96	

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

SIGNATURE DATE

DISCLOSED TO AND UNDERSTOOD BY DATE WITNESS DATE

TITLE

PROJECT NO.

BOOK NO.

LRI LOT No.	STD	Manufacturer	Lot. No.	Con. Mg/L	Date Recieved	Date Opened	Expiration Date	Notes
A-60-01	Zn	I.V.	J-ZN01094	999	9/30/95	9/01/95	9/30/96	
A-60-02	Li	I.V.	K-LI01407	9957	9/07/95	9/07/95	9/07/96	
A-60-03	Li	I.V.	K-LI01407	9957	9/07/95		9/07/96	
A-60-04	Li	I.V.	K-LI01107	9957	9/07/95		9/07/96	
A-60-05	Al	Spex	114-93AL	10,000	9/27/95		9/30/96	
A-60-06	Na	Spex	4-154NA	1,000	9/27/95		9/30/96	
A-60-07	Mg	Spex	I3-166NA	10,000	9/27/95		9/30/96	
A-60-08	Ag	I.V.	K-AG01101	1007	9/20/95	9/30/95	9/20/96	
A-60-09	As	I.V.	J-AS01102	999	9/08/95	9/30/95	9/30/96	
A-60-10	B	I.V.	K-B01105	1007	9/20/95	9/30/95	9/20/96	
A-60-11	Ba	I.V.	K-BA01102	998	9/20/95	9/30/95	9/20/96	
A-60-12	Be	I.V.	K-BE01063	1002	9/20/95	9/30/95	9/20/96	
A-60-13	Ca	I.V.	K-CA01104	10,030	9/20/95		9/20/96	
A-60-14	Cr	I.V.	K-CR02041	1005	9/20/95	9/30/95	9/20/96	
A-60-15	Cu	I.V.	K-CU02015	1001	9/20/95	2/20/96	9/20/96	
A-60-16	Fe	I.V.	K-FE02091	9942	9/20/95		9/20/96	
A-60-17	K	I.V.	J-K02023	10,009	9/20/95	9/30/95	9/20/96	

SCIENTIFIC BINDERY PRODUCTIONS CHICAGO 60605

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0715

TRI Lot No.	STD	Manufacturer	Lot No.	Conc. mg/L	Date Received	Expiration Date Opened	Expiration Date	Notes
A-59-01	Cd	I.V.	J-CA02411	10,000	8/07/95	9/07/95	8/07/96	
A-59-02	K	SPEX	K4-61K	10,000	8/29/95	9/05/95	8/13/96	
A-59-03	Mo	SPEX	4-137MO	1,000	8/29/95	9/02/95	8/13/96	
A-59-04	Cd	I.V.	J-CD01075	1,002	8/30/95	9/04/95	8/30/96	
A-59-05	Co	I.V.	K-C001079	1,003	8/30/95	9/04/95	8/30/96	
A-59-06	Fe	I.V.	J-FE0204	1,005	8/30/95	9/02/95	8/30/96	
A-59-07	Mn	I.V.	J-MN01109	1,004	8/30/95	9/04/95	8/30/96	
A-59-08	Mo	I.V.	J-MO01095	1,009	8/30/95	9/04/95	8/30/96	
A-59-09	Na	I.V.	J-NA02002	1,009	8/30/95	9/02/95	8/30/96	
A-59-10	Ni	I.V.	K-NA02011	9,974	8/30/95	9/04/95	8/30/96	
A-59-11	Pb	I.V.	K-PB02054	996	8/30/95	9/04/95	8/30/96	
A-59-12	Sb	I.V.	K-SB02026	1004	8/30/95	9/04/95	8/30/96	
A-59-13	Si	I.V.	J-SI01107	1005	8/30/95	9/04/95	8/30/96	
A-59-14	Sn	I.V.	J-SN01061	1003	8/30/95	9/04/95	8/30/96	
A-59-15	Ti	I.V.	J-TI01106	1007	8/30/95	9/02/95	8/30/96	
A-59-16	TL	I.V.	J-TL01106	1004	8/30/95	9/04/95	8/30/96	
A-59-17	V	I.V.	J-V01117	1002	8/30/95	9/04/95	8/30/96	

SIGNATURE [signature] DATE 10/10/95

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Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICV/CCV-496
Std. Name: ICV/CCV
Date Prep.: 6/14/96 Time:
Analyst: Mike Polidoro
Final Vol.: 100ml ~~200.0 mL~~
Preservatives: ~~2.0~~ 10.0 mL conc.HNO3
~~10.0~~ 5.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Ag	0.500
2	As	0.500
3	Ba	0.500
4	Be	0.500
5	Cd	0.500
6	Co	0.500
7	Cr	0.500
8	Cu	0.500
9	Mn	0.500
10	Mo	0.500
11	Ni	0.500
12	Sb	0.500
13	Sn	0.500
14	Tl	0.500
15	V	0.500
16	Zn	0.500
17	Pb	0.500
18	Se	0.500
19	Al	~~100~~ 50
20	Ca	~~100~~ 50
21	Mg	~~100~~ 50
22	Na	~~100~~ 50
23	Fe	~~100~~ 50
24	K	~~100~~ 50
~~25~~	~~Si~~	10.0
26	Ti	~~10.0~~ 0.500
27	B	~~5.00~~ 0.500

	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Ag	~~0.100~~ 0.50	1000	A- 60-06
2	As	~~0.100~~	1000	A- 60-04
3	Ba	~~0.100~~	1000	A- 63-05
4	Be	~~0.100~~	1000	A- 60-12
5	Cd	~~0.100~~	1000	A- 54-04
6	Co	~~0.100~~	1000	A- 59-05
7	Cr	~~0.100~~	1000	A- 60-14
8	Cu	~~0.100~~	1000	A- 60-15
9	Mn	~~0.100~~	1000	A- 59-07
10	Mo	~~0.100~~	1000	A- 54-06
11	Ni	0.100	1000	A- 62-05
12	Sb	0.100	1000	A- 59-12
13	Sn	~~0.100~~	1000	A- 59-14
14	Tl	0.100	1000	A- 59-16
15	V	~~0.100~~	1000	A- 59-17
16	Zn	0.100	1000	A- 60-01
17	Pb	0.100	1000	A- 59-11
18	Se	~~0.100~~	1000	A- 61-03
19	Al	~~2.00~~ 5.0	10000	A- 62-03
20	Ca	~~2.00~~ 5.0	10000	A- 63-14
21	Mg	~~2.00~~	10000	A- 65-04
22	Na	~~2.00~~	10000	A- 63-15
23	K	~~2.00~~	10000	A- 65-03
24	Fe	2.00	10000	A- 62-15
~~25~~	~~Si~~	~~2.00~~	~~1000~~	A-
26	Ti	~~2.00~~ 0.50	1000	A- 63-03
27	B	~~1.00~~ 0.50	1000	A- 60-10

Notes: SOURCE: INORGANICS VENTURES

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: STD1-Blank-0149
Std. Name: STD1-BLANK
Date Prep.: 01/14/10 Time:
Analyst: M. Kerfoot
Final Vol.: 500.0
Preservatives: ~~5.0~~ 10.0 mL conc.HNO3
~~25.0~~ 50.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	ALL	0
2		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
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Notes:

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: STD-1446
Std. Name: STD2
Date Prep.: 6/14/96 Time
Analyst: Mike Pulidri
Final Vol.: 200 mL ~~100.0 Mt~~
Preservatives: ~~1.0~~ 10.0 mL conc. HNO3
~~5.0~~ 50.0 mL conc. HCl
True Values, ppm:

	Element	TV
1	All	1.00
2		
3		
4		
5		
6		
7		
8		
9		
10		
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	Stock Std. Name	mL	Stock Conc. ppm	LRL Lot No.
1	Ag	~~0.100~~ 1.0	1000	A- 67-06
2	As	~~0.100~~ 1.0	1000	A- 65-16
3	Ba	~~0.100~~ 1.0	1000	A- 65-17
4	Be	~~0.100~~ 1.0	1000	A- 66-01
5	Cd	~~0.100~~ 1.0	1000	A- 66-03
6	Co	~~0.100~~ 1.0	1000	A- 66-07
7	Cr	~~0.100~~ 1.0	1000	A- 66-06
8	Cu	~~0.100~~ 1.0	1000	A- 66-08
9	Mn	~~0.100~~ 1.0	1000	A- 66-15
10	Mo	~~0.100~~ 1.0	1000	A- 66-17
11	Ni	~~0.100~~ 1.0	1000	A- 67-01
12	Sb	~~0.100~~ 1.0	1000	A- 65-15
13	Sn	~~0.100~~ 1.0	1000	A- 67-10
14	Tl	~~0.100~~ 1.0	1000	A- 67-09
15	V	~~0.100~~ 1.0	1000	A- 67-12
16	Zn	~~0.100~~ 1.0	1000	A- 67-14
17	Pb	~~0.100~~ 1.0	1000	A- 66-11
18	Se	~~0.100~~ 1.0	1000	A- 67-04
19	B	1.0	1000	A-66-02
20	Ti	1.0	1000	A-67-11
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Notes: SOURCE: ~~SPEX~~ High Purity

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: STD3 09196
Std. Name: STD3
Date Prep.: 9/14/96 Time:
Analyst: Mike Pardue
Final Vol.: 1000 ~~100.0 mL~~ mL
Preservatives: ~~1.0~~ 10.0 mL conc.HNO3
~~5.0~~ 50.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	All	200
2		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Al	~~2.00~~ 10.0	10000	A- 65-14
2	Ca	~~2.00~~ 10.0	10000	A- 66-05
3	Mg	~~2.00~~ 10.0	10000	A- 66-14
4	Na	~~2.00~~ 10.0	10000	A- 67-05
5	Fe	~~2.00~~ 10.0	10000	A- 66-10
6	K	~~2.00~~ 10.0	10000	A- 67-03
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Notes: SOURCE: ~~SPEX~~ High Purity

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: CRI-A-CLP4a%
Std. Name: CRI-A-CLP
Date Prep.: 04/05/96 Time:
Analyst: Michael Jones
Final Vol.: 100.0 mL
Preservatives: 1.0 mL conc.HNO3
5.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Sb	120
2	Co	100
3	V	100
4	Ni	80.0
5	Cu	50.0
6	Zn	40.0
7	Mn	30.0
8	As	20.0
9	Cr	20.0
10	Ag	20.0
11	Tl	20.0
12	Be	10.0
13	Cd	10.0
14	Se	10.0
15	Pb	6.00
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	Stock Std. Name	mL	Stock Conc. ppm	CRI Lot No.
1	Sb	12.0	1000	A- 59-12
2	Co	10.0	1000	A- 59-05
3	V	10.0	1000	A- 59-17
4	Ni	8.00	1000	A- 62-05
5	Cu	5.00	1000	A- 60-15
6	Zn	4.00	1000	A- 60-01
7	Mn	3.00	1000	A- 59-07
8	As	2.00	1000	A- 60-09
9	Cr	2.00	1000	A- 60-14
10	Ag	2.00	1000	A- 60-05
11	Tl	2.00	1000	A- 59-16
12	Be	1.00	1000	A- 60-12
13	Cd	1.00	1000	A- 59-04
14	Se	1.00	1000	A- 61-03
15	Pb	0.600	1000	A- 59-11
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Notes: SOURCE: INORGANICS VENTURES

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: CRIW052196
Std. Name: CRI-CLP
Date Prep.: 5/21/96 Time:
Analyst: Mary Polinski
Final Vol.: 500.0 mL
Preservatives: 5.0 mL conc.HNO3
25.0 mL conc.HCl
True Values, ppm:

	Element	TV
1	Sb	0.120
2	Co	0.100
3	V	0.100
4	Ni	0.080
5	Cu	0.050
6	Zn	0.040
7	Mn	0.030
8	As	0.020
9	Cr	0.020
10	Ag	0.020
11	Tl	0.020
12	Be	0.010
13	Cd	0.010
14	Se	0.010
15	Pb	0.006
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	Stock Std. Name	mL	Stock Conc. ppm	CRI Lot No.
1	CRI-A-CLP	0.100	MULTI	CRI-A-CLP-052396
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Notes: SOURCE: INORGANICS VENTURES

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICSA-002196
Std. Name: ICSA
Date Prep.: 01/21/96 Time:
Analyst: Mike Feldt
Final Vol.: 200.0 mL
Preservatives: 2.0 mL conc.HNO3
10.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Al	500
2	Ca	500
3	Mg	500
4	Fe	200
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	Stock Std. Name	mL	Stock Conc. ppm	LRL Lot No.
1	Al	~~10.0~~ 25.0	10000	A- 62-03
2	Ca	~~10.0~~ 25.0	10000	A- 63-14
3	Mg	~~10.0~~ 25.0	10000	A- 65-04
4	Fe	~~4.00~~ 10.0	10000	A- 62-15
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Notes: SOURCE: inorganics ventures

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICSAB-A-CLP
Std. Name: ICSAB-A-CLP
Date Prep.: 3/22/96 Time:
Analyst: Mike Pridgeon
Final Vol.: 100.0 mL
Preservatives: 1.0 mL conc.HNO3
5.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Ag	20.0
2	As	10.0
3	Tl	10.0
4	Ba	50.0
5	Be	50.0
6	Co	50.0
7	Cr	50.0
8	Cu	50.0
9	Mn	50.0
10	V	50.0
11	Cd	100
12	Ni	100
13	Zn	100
14	Pb	5.00
15	Se	5.00
16	Sb	60.0
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Ag	2.00	1000	A- 60-05
2	As	1.00	1000	A- 60-09
3	Tl	1.00	1000	A- 59-16
4	Ba	5.00	1000	A- 60-11
5	Be	5.00	1000	A- 60-12
6	Co	5.00	1000	A- 59-05
7	Cr	5.00	1000	A- 60-14
8	Cu	5.00	1000	A- 60-15
9	Mn	5.00	1000	A- 59-07
10	V	5.00	1000	A- 59-17
11	Cd	10.0	1000	A- 59-04
12	Ni	10.0	1000	A- 61-05
13	Zn	10.0	1000	A- 60-01
14	Pb	0.500	1000	A- 59-11
15	Se	0.500	1000	A- 61-03
16	Sb	6.00	1000	A- 59-12
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Notes: SOURCE: INORGANICS VENTURES

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: ICSABCLP07252
Std. Name: ICSAB-CLP
Date Prep.: 7/25/96 Time:
Analyst: Mike Polidori
Final Vol.: 500.0 mL
Preservatives: ~~2.0~~ 5.0 mL conc.HNO3
~~10.0~~ 15.0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Al	500
2	Ca	500
3	Mg	500
4	Fe	200
5	Ag	0.200
6	As	0.100
7	Tl	0.100
8	Ba	0.500
9	Be	0.500
10	Co	0.500
11	Cr	0.500
12	Cu	0.500
13	Mn	0.500
14	V	0.500
15	Cd	1.00
16	Ni	1.00
17	Zn	1.00
18	Pb	0.050
19	Se	0.050
20	Sb	0.600
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Al	~~10.0~~ 25.0	10000	A- 63-13
2	Ca	~~10.0~~ 25.0	10000	A- 65-01
3	Mg	~~10.0~~ 25.0	10000	A- 65-04
4	Fe	~~4.00~~ 10.0	10000	A- 62-15
5	ICSAB-A-CLP	~~2.00~~ 5.0	MULTI	ICSAB-A-CLP032296
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Notes: SOURCE: INORGANICS VENTURES

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTrace-1-CLP
Std. Name: SSTRACE-1-CLP
Date Prep.: 8-1-96 Time:
Analyst: SS
Final Vol.: 200.0 Ml
Preservatives: 2.0 mL conc.HNO3
0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Ag	5.00
2	Ba	200
3	Be	5.00
4	Co	50.0
5	Cr	20.0
6	Cu	25.0
7	Mn	50.0
8	Ni	50.0
9	Sb	50.0
10	Zn	50.0
11	V	50.0
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
~~1~~	~~Ag~~	~~1.00~~	~~1000~~	~~A-~~
2	Ba	40.0	1000	A- 63-05
3	Be	1.00	1000	A- 60-12
4	Co	10.0	1000	A- 59-05
5	Cr	4.00	1000	A- 60-14
6	Cu	5.00	1000	A- 60-15
7	Mn	10.0	1000	A- 59-07
8	Ni	10.0	1000	A- ~~59-12~~ 62-05
9	Sb	10.0	1000	A- 59-10
10	Zn	10.0	1000	A- 60-01
11	V	10.0	1000	A- 59-17
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Notes: SOURCE: INORGANICS VENTURES

1. LIQUIDS: USE 1.00 mL TO 100.0 mL SAMPLE
2. SOILS: USE 2.00 mL TO 200.0 mL SAMPLE

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTRACE#2 - CLP
Std. Name: SSTRACE-2-CLP
Date Prep.: 8/19/96 -8:45 PM time:
Analyst: VD
Final Vol.: ~~200.0 Ml~~ 100.0
Preservatives: ~~2.0~~ 1.0 mL conc.HNO3
0 mL conc.HCl

True Values, ppm:

	Element	TV
1	Al	200
2	Fe	100
3	Ca	2000
4	Mg	2000
5	Na	2000
6	K	2000
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Al	~~4.00~~ 2.00	10000	A- 64-16
2	Fe	~~20.0~~ 10.0	1000	A- 65-02
3	Ca	~~10.0~~ 20.0	10 000	A -65-01
4	Mg	~~40.0~~ 20.0	10000	A - 65-04
5	Na	~~40.0~~ 20.0	10000	A -65-06
6	K	~~60.0~~ 20.0	10 000	A -65-03
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Notes: SOURCE: INORGANICS VENTURES

1. LIQUIDS: USE 1.00 mL TO 100.0 mL SAMPLE
2. SOILS: USE 2.00 mL TO 200.0 mL SAMPLE

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTrace#3
Std. Name: SSTRACE -3-CLP
Date Prep.: 7/26/96 Time:
Analyst: Segovia
Final Vol.: 200.0 Ml
Preservatives: 2.0 mL conc.HNO3
0 mL conc.HCl

True Values, ppm:

	Element	TV
1	As	4.00
2	Cd	5.00
3	Pb	2.00
4	Se	1.00
5	Tl	5.00
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	As	0.800	1000	A-60-09
2	Cd	1.00	1000	A-59-04
3	Pb	0.400	1000	A-59-11
4	Se	0.200	1000	A-61-03
5	Tl	1.00	1000	A-59-16
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Notes: SOURCE: INORGANICS VENTURES

1. LIQUIDS: USE 1.00 mL to 100.0 mL SAMPLE

2. SOILS: USE 2.00 mL TO 200.0 mL SAMPLE

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTRACE#4
Std. Name: SSTRACE#4
Date Prep.: 8/19/96 845PM Time:
Analyst: VD
Final Vol.: 100.0 ml
Preservatives: 1.0 mL conc.HNO3
0 mL conc.HCl

True Values, ppm:

	Element	TV
1	B	200
2	MO	200
3	SN	200
4	Ti	200
5		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	B	20.0 ml	1000	A-63-12
2	MO	20.0 ml	1000	A-65-05
3	SN	20.0 ml	1000	A-65-07
4	Ti	20.0 ml	1000	A-63-16
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Notes:

Laboratory Resources, Inc.
Division: ..... Teterboro
Department: ..... Metals

STANDARDS PREP LOG_TRACE ICP

Std. Lot No.: SSTrace#5
Std. Name:
Date Prep.: 8/14/96 Time:
Analyst: Siqueiros
Final Vol.: 2CC mf
Preservatives: 2 mL conc.HNO3
mL conc.HCl

True Values, ppm:

	Element	TV
1		
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	Stock Std. Name	mL	Stock Conc. ppm	LRI Lot No.
1	Ag	1.0	1000	A-60-08
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Notes:

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/7/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

CALIBRATIONS AND CHECKS

STD/Check Name	TV ppb (in extract)	PREP INFO ML	TO VOL (ML)	FROM STD (Check Name)	Notes Date Prep/Time Analyst
Blank	0	0	100.0	0	8/6/96 JAP
STD 0.2	0.2	0.2	100.0	Calib. Working	" "
STD 0.5	0.5	0.5	100.0	Calib. Working	" "
STD ~~0.2~~ 2.0	2.0	2.0	100.0	Calib. Working	" "
STD ~~0.5~~ 5.0	5.0	5.0	100.0	Calib. Working	" "
STD 10.0	10.0	10.0	100.0	Calib. Working	" "
ICV/CCVs	4.0	4.0	100.0	Calib. Working	" "
CRA	0.2 0.5	0.2/0.5	100.0	Check Working	" "
LCSW/LCSS(CLP)	1.0	1.0	100.0	Check Working	" "
LCSW/LCSS(REG)	4.0	4.0	100.0	Check Working	" "
MS-CLP	1.0	1.0	100.0	Check Working	" "
MS-REG	4.0	4.0	100.0	Check Working	" "
Calib. Intermediate	10.000	1.0	100.0	Calib. Stock	" "
Calib. Working	100	1.0	100.0	Calib Intermediate	" "
Check Intermediate	10.000	1.0	100.0	Check Stock	" "
Check Working	100	1.0	100.0	Check Intermediate	" "
CALIB STOCK	1000 PPM; Manufacturer: Inorganic Ventures; LRI Lot No: A- 62-04				
CHECK STOCK	1000 PPM; Manufacturer: Spex ; LRI Lot No: A- 62-11				

VD (8/7/96)

8734

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/9/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

CALIBRATIONS AND CHECKS

STD/Check Name	TV ppb (in extract)	PREP INFO ML	PREP INFO TO VOL (ML)	PREP INFO FROM STD (Check Name)	Notes Date Prep/Time Analyst
Blank	0	0	100.0	0	8/8/96 - JAP
STD 0.2	0.2	0.2	100.0	Calib. Working	11 11
STD 0.5	0.5	0.5	100.0	Calib. Working	11 11
STD ~~0.2~~ 2.0	2.0	2.0	100.0	Calib. Working	11 11
STD ~~0.5~~ 5.0	5.0	5.0	100.0	Calib. Working	11 11
STD 10.0	10.0	10.0	100.0	Calib. Working	11 11
ICV/CCVs	4.0	4.0	100.0	Calib. Working	11 11
CRA	0.2/0.5	0.2/0.5	100.0	Check Working	11 11
LCSW/LCSS(CLP)	1.0	1.0	100.0	Check Working	11 11
LCSW/LCSS(REG)	4.0	4.0	100.0	Check Working	11 11
MS-CLP	1.0	1.0	100.0	Check Working	11 11
MS-REG	4.0	4.0	100.0	Check Working	11 11
Calib. Intermediate	10,000	1.0	100.0	Calib. Stock	11 11
Calib. Working	100	1.0	100.0	Calib Intermediate	11 11
Check Intermediate	10,000	1.0	100.0	Check Stock	11 11
Check Working	100	1.0	100.0	Check Intermediate	11 11
CALIB STOCK	1000 PPM; Manufacturer: Inorganic Ventures; LRI Lot No: A- 62-04				
CHECK STOCK	1000 PPM; Manufacturer: Spex ; LRI Lot No: A- 62-11				

VD (8/9/96)

0732

0181

Laboratory Resources, Inc

Division: Teterboro

Department: Metals

Date: 8/12/96 Analyst: VD

RUN LOG

Parameter: Mercury

Matrix: Liquids / Solids - Others

CALIBRATIONS AND CHECKS

STD/Check Name	TV ppb (in extract)	PREP INFO ML	PREP INFO TO VOL (ML)	PREP INFO FROM STD (Check Name)	Notes Date Prep/Time Analyst
Blank	0	0	100.0	0	8/12/96 - VD
STD 0.2	0.2	0.2	100.0	Calib. Working	11 11
STD ~~0.5~~ 0.5	0.5	0.5	100.0	Calib. Working	11 11
STD ~~0.2~~ 2.0	2.0	2.0	100.0	Calib. Working	11 11
STD ~~0.5~~ 5.0	5.0	5.0	100.0	Calib. Working	11 11
STD 10.0	10.0	10.0	100.0	Calib. Working	11 11
ICV/CCVs	4.0	4.0	100.0	Calib. Working	11 11
CRA	0.2/0.5	0.2/0.5	100.0	Check Working	11 11
LCSW/LCSS(CLP)	1.0	1.0	100.0	Check Working	11 11
LCSW/LCSS(REG)	4.0	4.0	100.0	Check Working	11 11
MS-CLP	1.0	1.0	100.0	Check Working	11 11
MS-REG	4.0	4.0	100.0	Check Working	11 11
Calib. Intermediate	10,000	1.0	100.0	Calib. Stock	11 11
Calib. Working	100	1.0	100.0	Calib Intermediate	11 11
Check Intermediate	10,000	1.0	100.0	Check Stock	11 11
Check Working	100	1.0	100.0	Check Intermediate	11 11
CALIB STOCK	1000 PPM; Manufacturer: Inorganic Ventures; LRI Lot No: A- 62-04				
CHECK STOCK	1000 PPM; Manufacturer: Spex ; LRI Lot No: A- 62-11				

VD (8/12/96)

0733

0190

LRI QUOTE #_____

Laboratory Resources Inc

CHAIN OF CUSTODY

T607359

PAGE 1 OF 2

CUSTOMER INFORMATION

CUSTOMER: AGFA DIVISION OF BAYER
ADDRESS: 100 CHALLENGER ROAD
RIDGEFIELD PARK, NJ 07660
MR. RICHARD ROCHA
TELEPHONE: 201-440-0111
FAX: 201-440-4376

PROJECT INFORMATION

PROJECT: FORMER PEERLESS PHOTO PRODUCTS
PROJECT LOCATION: SHOREHAM STATE: NY
PROJECT MANAGER: JOE BASILE
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
NAME: TONY FIORENTINE
TELEPHONE: (516) 472-4000
FAX: (516) 472-4077

BILLING INFORMATION

BILL TO: SAME AS CUSTOMER
ADDRESS:
ATTENTION:
TELEPHONE:
PO #:

LAB ID CODE	SAMPLE IDENTIFICATION	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE: COMPOSITE	SAMPLE TYPE: GRAB	SAMPLE MATRIX	# OF BOTTLES	ANALYSIS: TAL METALS	PRESERVATIVES: H2SO4	PRESERVATIVES: HCL	PRESERVATIVES: HNO3	PRESERVATIVES: NAOH	PRESERVATIVES: NON-PRES
1	MW-5	7/16/96	11:45		X	WATER	1	X			X		
2	MW-7S	7/16/96	1:35		X	WATER	1	X			X		
3	RINSATE BLK-1	7/16/96	3:45		X	WATER	1	X			X		
4	MW-7D	7/16/96	3:55		X	WATER	1	X			X		
5	FIELD BLANK	7/16/96	4:05		X	WATER	1	X			X		
6	MW-1	7/17/96	9:10		X	WATER	1	X			X		
7	MW-6	7/17/96	10:30		X	WATER	1	X			X		
8	MW-11	7/17/96	11:30		X	WATER	1	X			X		
9	MW-4	7/17/96	11:45		X	WATER	1	X			X		

COOLER TEMP: 11.0°C CUSTODY SEAL#: _____
TURNAROUND (INDICATE IN CALENDAR DAYS): _____ FAX _____ HARD COPY _____ DELIV. PKG.
NAME OF LAB PERSONNEL CONFIRMING: _____
DELIVERABLES / (CIRCLE ONE): DATA DATA/QC RED/DELIV NJ/CLP I NJ/CLP II
NJ/REGL NY/ASP CLP OTHER _____

SAMPLER / AFFILIATION:		DATE: 7/19/96
RECEIVED / AFFILIATION:		TIME: 1:23
RELINQUISHED / AFFILIATION:		DATE: 7/19/96
RECEIVED / AFFILIATION:	ABORATORIES	TIME: 1640
RELINQUISHED / AFFILIATION:		DATE:
RECEIVED / AFFILIATION:		TIME:

RESIDUAL CHLORINE PRESENT: ☐ YES ☐ NO
☐ RETURN TO CLIENT FOR DISPOSAL ☐ LAB DISPOSAL
KNOWN HAZARD (FLAMMABLE, EXPLOSIVE, TOXIC)
☐ YES ☐ NO (IF YES EXPLAIN UNDER COMMENTS)

LAB USE CONDITIONS OF BOTTLES AND COOLER AT RECEIPT:
☐ COMPLIANT ☐ NOT COMPLIANT (IF NOT EXPLAIN UNDER COMMENTS)

COMMENTS _____

LRI QUOTE #_____

Laboratory Resources INC
CHAIN OF CUSTODY

T60735 4 PAGE 2 OF 2

CUSTOMER INFORMATION

CUSTOMER: AGFA DIVISION OF BAYER
ADDRESS: 100 CHALLENGER ROAD
RIDGEFIELD PARK, NJ 07660
MR. RICHARD ROCHA
TELEPHONE: 201-440-0111
FAX: 201-440-4376

PROJECT INFORMATION

PROJECT: FORMER PEERLESS PHOTO PRODUCTS
PROJECT LOCATION: SHOREHAM STATE: NY
PROJECT MANAGER: JOE BASILE
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
NAME: TONY FIORENTINE
TELEPHONE: (516) 472-4000
FAX: (516) 472-4077

BILLING INFORMATION

BILL TO: SAME AS CUSTOMER
ADDRESS: 0735
ATTENTION:
TELEPHONE:
PO #:

LAB ID CODE	SAMPLE IDENTIFICATION	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE: COMPOSITE	SAMPLE TYPE: GRAB	SAMPLE MATRIX	# OF BOTTLES	ANALYSIS: TAL METALS	PRESERVATIVES: H2SO4	PRESERVATIVES: HCL	PRESERVATIVES: HNO3	PRESERVATIVES: NAOH	PRESERVATIVES: NON-PRES
10	MW-2	7/17/96	1:00		X	WATER	1	X			X		
11	RINSATE BLK-2	7/17/96	12:50		X	WATER	1	X			X		
12	MW-10	7/18/96	9:30		X	WATER	1	X			X		
13	MW-9	7/18/96	10:30		X	WATER	1	X			X		
14	MW-3	7/18/96	11:40		X	WATER	1	X			X		
15	MW-2A	7/18/96	1:45		X	WATER	1	X			X		
16	RINSATE BLK-3	7/18/96	2:00		X	WATER	1	X			X		
17	TRIP BLANK	—	—		X	WATER	1	X			X		

COOLER TEMP: 11.0 C CUSTODY SEAL#: _____
TURNAROUND (INDICATE IN CALENDAR DAYS): _____ FAX _____ HARD COPY _____ DELIV. PKG.
NAME OF LAB PERSONNEL CONFIRMING: _____
DELIVERABLES / (CIRCLE ONE): DATA DATA/QC RED/DELIV NJ/CLP I NJ/CLP II NJ/REGL (NY/ASP CLP) OTHER _____

SAMPLER / AFFILIATION:		DATE: 7/19/96
RECEIVED / AFFILIATION:		TIME: 1:25
RELINQUISHED / AFFILIATION:		DATE: 7/19/96
RECEIVED / AFFILIATION:	Above	TIME: 1640
RELINQUISHE[D] / [AFF]ILIATION:		DATE:
RECEIVED / AF[FIL]IATION:		TIME:

RESIDUAL CHLORINE PRESENT: ☐ YES ☐ NO
☐ RETURN TO CLIENT FOR DISPOSAL ☐ LAB DISPOSAL
KNOWN HAZARD (FLAMMABLE, EXPLOSIVE, TOXIC)
☐ YES ☐ NO (IF YES EXPLAIN UNDER COMMENTS)
LAB USE CONDITIONS OF BOTTLES AND COOLER AT RECEIPT:
☐ COMPLIANT ☐ NOT COMPLIANT (IF NOT EXPLAIN UNDER COMMENTS)
COMMENTS _____

SAMPLE LOG-IN SHEET

Lab Name: LABORATORY RESOURCES Page 1 of 1

Received by (Print Name): K. DAGGUMATI Log-In Date: 7/19/96

Received by (Signature): K. DAGGUMATI

Case Number: _____
SDG Number: _____
SAS Number: _____

REMARKS:

1. Custody Seal(s) Present/Absent* Intact/Broken
2. Custody Seal Numbers: _____
3. Chain-of-Custody Records Present/Absent*
4. Contract Lab Sample Inform. Sheet (CLSIS) Present/Absent*
5. Airbill Airbill/Sticker Present/Absent*
6. Airbill No.: _____
7. Sample Tags Present/Absent* Sample Tag Nos. Listed/Not Listed on Chain-of-Custody
8. Sample Condition Intact/Broken*/ Leaking
9. Does information on custody rec., CLSIS, & sample tags agree Yes/No*
10. Date received at Lab: 7/19/96
11. Time Received: 16:40

Sample Transfer

Fraction: _____ _____
Area #: _____ _____
By: _____ _____
On: _____ _____

NYSDEC SAMPLE #	CORRESPONDING SAMPLE TAG #	CORRESPONDING ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
MW-5		TG0735A-1	Good
MW-15		-2	
RINSATE BLK-1		-3	
MW-7D		-4	
FIELD BLANK		-5	
MW-1		-6	
MW-6		-7	
MW-11		-8	
MW-4		-9	
MW-2		-10	
RINSATE BLK-2		-11	
MW-10		-12	
MW-9		-13	
MW-3		-14	
MW-3A		-15	
RINSATE BLK-3		-16	
TRIP BLANK		-17	

* Contact BTSR and attach record of resolution

Reviewed By: _____ Logbook No.: _____

Date: _____ Logbook Page No.: _____

FORM DC-1

SAMPLE RECEIPT LOG

BOOK Nº _____
PAGE Nº _____

LRI Job Nº T6073354 Client Name AGFA

Date Received 7/19/96 Project Peerless photo

Sample Custodian _____ LRI Project Manager Dan

Method of shipment: ☑ LRI Courier ☐ Client Courier ☐ FedEx ☐ Other: _____
If an airbill is included with shipment check here ☐ and attach airbill to chain of custody form

EXAMINE THE SAMPLE SHIPMENT FOR THE CONDITIONS LISTED BELOW AND CHECK THE APPROPRIATE BOXES.

YES	NO	
☐	☑	COOLER RECEIVED WITH CUSTODY SEALS INTACT
☑	☐	CHAIN OF CUSTODY (COC) FORMS ARE INCLUDED WITH SHIPMENT
☑	☐	COC FORMS ARE PROPERLY SIGNED AND DATED BY CLIENT
☐	☑	COOLER TEMPERATURE IS 6 °C OR LOWER

SAMPLES RECEIVED WITH ☐ ICE ☐ ICE PACKS ☐ NEITHER

TEMPERATURE 11°C

☑	☐	INFORMATION ON THE COC FORMS MATCHES ACTUAL SAMPLES
☑	☐	NO HOLDING TIMES WERE EXCEEDED AT TIME OF SAMPLE RECEIPT
☑	☐	SAMPLES ARE PROPERLY LABELLED WITH SAMPLE IDENTIFICATION AND PRESERVATIVE
☑	☐	SAMPLES RECEIVED INTACT (NOT BROKEN, LEAKING, ETC.)
☐	☐	VOA VIALS CONTAIN NO HEADSPACE
☐	☐	SAMPLE VOLUMES ARE SUFFICIENT FOR ANALYSES TO BE PERFORMED
☑	☐	SAMPLE CONTAINERS AND PRESERVATIVES ARE CORRECT FOR ANALYSES TO BE PERFORMED
☑	☐	THE pH FOR ACID PRESERVED SAMPLES IS LESS THAN 2
☐	☐	THE pH FOR CAUSTIC (BASE) PRESERVED SAMPLES IS GREATER THAN 12

IF THE RESPONSE TO ONE OR MORE OF THE ABOVE CONDITIONS IS NO, COMPLETE THE FOLLOWING SECTION AND SUBMIT A COPY OF THIS PAGE TO THE LRI PROJECT MANAGER LISTED ABOVE FOR CORRECTIVE ACTION. SAMPLES RECEIVED WITH ANY OF THE ABOVE VARIANCES CANNOT BE LOGGED IN WITHOUT CLIENT APPROVAL.

The following samples were received but not listed on the COC form: _____
The following samples listed on the COC form were not received: _____
The following information on COC form does not match samples: _____

Holding times are exceeded for the following analyses: _____
The following samples were not received intact: _____
VOA vials for the following samples have headspace: _____
Insufficient sample volume was received for the following analyses/samples: _____

The containers received are inappropriate for the following analyses: _____
The preservation is incorrect for the following analyses/samples: _____
Other comments: _____

Supervisor Review: _____ 7/19/96 (Initial/Date) Project Manager Review: _____ 7/22 (Initial/Date)

Client notified ☐ in writing ☐ by telephone ☐ by fax ☐ other (explain) _____
by _____ (Name/Date)

Corrective Action: _____

Place copy with completed corrective action in work order folder.

CLIENT: **AGFA** update 07-24-96
Project: **Peerless Photo (AGFA)**
Job # T607354 Date received: 07-24-96

INORGANICS Metals FOR NYASP DATA PACKAGE WITH DISKETTE

LAB ID #	Matrix	CLIENT ID #	Sample ID to be used on forms
T607354-01	water	MW-5	MW-5
T607354-02	water	MW-7S	MW-7S
T607354-03	water	Rinsate Blk-1	R-BLK1
T607354-04	water	MW-7D	MW-7D
T607354-05	water	Field Blank	F-BLK
T607354-06	water	MW-1	MW-1
T607354-07	water	MW-6	MW-6
T607354-08	water	MW-11	MW-11
T607354-09	water	MW-4	MW-4
T607354-10	water	MW-2	MW-2
T607354-11	water	Rinsate Blk-2	R-BLK2
T607354-12	water	MW-10	MW-10
T607354-13	water	MW-9	MW-9
T607354-14	water	MW-3	MW-3
T607354-15	water	MW-2A	MW-2A
T607354-16	water	Rinsate Blk-3	R-BLK3
T607354-17	water	Trip Blank	T-BLK

B2043

CASE #: 7354A **SDG #: 735401**

PLEASE SUBMIT ALL RAW DATA AND ALSO ALL OTHER LAB PAPER WORK SUCH AS RUN LOG, INTERNAL C-O-C, EXTRACTION LOG, ETC.....

MS/DUP FOR INORGANICS IN EVERY 20 SAMPLES OR WITHIN 7 DAYS FOR EACH SDG IS REQUIRED PER EACH MATRIX.

MS/DUP must be analyzed from this work order for Metals.

TRACE METALS ANALYSIS ACCEPTABLE.

DEPE-077 NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY Page ___ of ___

Rev. 2.0, 2/92

INTERNAL CHAIN OF CUSTODY

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Laboratory Resources Name: Krishna Daggumati	Location: Teterboro Title: Sample Management Supervisor
Field Sample Seal No:	Date Broken 7/19/96	Military Time Seal Broken:
CaseNo:	Analytical Parameter/Fraction	

SAMPLE NO.	ALIQUOT/EXTRACT NO.	SAMPLE NO.	ALIQUOT/EXTRACT NO.
T60735A-1		T60735A-11	
-2		-12	
-3		-13	
-4		-14	
-5		-15	
-6		-16	
-7		-17	
-8			
-9			
-10			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/16	3:00	PRINTED NAME Ashok SIGNATURE AK	PRINTED NAME Jaydish SIGNATURE JK	1 to -17 JK
8/17	2:30	PRINTED NAME Jaydish SIGNATURE JK	PRINTED NAME Amrut SIGNATURE AB	
8/11		PRINTED NAME Amrut SIGNATURE AB	PRINTED NAME Jaydish SIGNATURE JK	
8/11		PRINTED NAME Jaydish SIGNATURE JK	PRINTED NAME Amrut SIGNATURE AB	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	

DEPE-077 NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY

Page 1 of 1

Rev. 2.0, 2/92

INTERNAL CHAIN OF CUSTODY

ASP 2043

INSTRUCTIONS: Use 1 form for each 20 samples or aliquot.

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	Laboratory: Laboratory Resources Name: Krishna Doggumati	Location: Tetterboro Title: Sample Management Supervisor
Field Sample Seal No:	Date Broken ____/____/____	Military Time Seal Broken:
CaseNo:	Analytical Parameter/Fraction	

SAMPLE NO.	ALIQUOT/EXTRACT NO.		SAMPLE NO.	ALIQUOT/EXTRACT NO.	
T607354 - 1	ICP	Hg	T607354 - 11	ICP	Hg
-2	"	"	-12	"	"
-3	"	"	-13	"	"
-4	"	"	-14	"	"
-5	"	"	-15	"	"
-6	"	"	-16	"	"
-7	"	"	-17	"	"
-8	"	"			
-9	"	"			
-10	"	"			

Date	Time	RELINQUISHED BY	RECEIVED BY	PURPOSE OF CHANGE OF CUSTODY
8/6/96		PRINTED NAME Jaydish SIGNATURE	PRINTED NAME Meneeja Nemali SIGNATURE	CV ANALYSIS
8/7/96	5pm	PRINTED NAME SUGUNA SIGNATURE	PRINTED NAME Michael Polidori SIGNATURE	ICP analysis
8/8/96	4:00 PM	PRINTED NAME Jaydish SIGNATURE	PRINTED NAME Meneeja Nemali SIGNATURE	CV, ANALYSIS
8/12/96	6:00 PM	PRINTED NAME Jaydish SIGNATURE	PRINTED NAME Meneeja Nemali SIGNATURE	CV ANALYSIS
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	
		PRINTED NAME SIGNATURE	PRINTED NAME SIGNATURE	0740
		PRINTED NAME	PRINTED NAME	

Batch Mat(W **Metals Batch Sheet # ( )43** 8/2/96 1:0(PM

Order	Client	Matrix	Rec.	Due	FAX	Option	Deliv.	ICP	Furnace	CV	QC
T607354-1	AGFA	W	7/19/96	08/15			ASP	ICP –		Hg RR	DUP MS
T607354-2	"	W	7/19/96	08/15			"	"		Hg RR	
T607354-3	"	FB	7/19/96	08/15			"	"		Hg	
T607354-4	"	W	7/19/96	08/15			"	"		Hg	
T607354-5	"	FB	7/19/96	08/15			"	"		Hg	
T607354-6	"	W	7/19/96	08/15			"	"		Hg	
T607354-7	"	W	7/19/96	08/15			"	"		Hg	
T607354-8	"	W	7/19/96	08/15			"	"		Hg	
T607354-9	"	W	7/19/96	08/15			"	"		Hg	
T607354-10	"	W	7/19/96	08/15			"	"		Hg	
T607354-11	"	FB	7/19/96	08/15			"	"		Hg	
T607354-12	"	W	7/19/96	08/15			"	"		Hg	
T607354-13	"	W	7/19/96	08/15			"	"		Hg	
T607354-14	"	W	7/19/96	08/15			"	"		Hg	
T607354-15	"	W	7/19/96	08/15			"	"		Hg	
T607354-16	"	FB	7/19/96	08/15			"	"		Hg	
T607354-17	"	W	7/19/96	08/15			"	"		Hg	

ICP Batch: Furnace Batch: CV Batch: 15257 Prep Batch: 15258

8/7/96 BS

0741

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aboratory Instrumentation Identification Form

	Instrument Identification	Method	IDL Date	IEC Date	Lin. Date
1	TJA61	P	10/01/91	10/01/91	10/01/91
2	PE5100#1	F	10/01/95	10/01/91	10/01/91
3	PE5100#2	F	05/03/96	10/01/91	10/01/91
4	TJA61E	P	06/24/96	04/11/95	06/25/96
5	TJA1000	CV	07/31/96	10/01/91	10/01/91
6	TRAACS	C	12/18/95		
7	PE5100#3	F	05/15/96		
8	PE5100#4	F	01/05/95		
9	TRACE	P	07/13/96	03/27/96	05/09/96
0	MEAN LCS TRACE	P	07/19/95		
1	TRACE/REG	P	09/30/95	03/27/96	03/27/96
2	PE/REG	F	07/27/95		
3	TJA1000/REG	CV	06/16/95		
4	PEAS90	CV	08/14/96		08/14/96
5					
6					
7					
8					
9					
0					
1					
2					
3					
4					
5					

Detection Limit Summary Data for Instrument : 9

Dates :	07/13/96	07/23/96	07/31/96	07/13/96
[illegible]ent	1	2	3	Detection Limit
Aluminum	7.27	8.61	8.91	24.8
Antimony	2.43	1.83	2.22	6.5
Arsenic	1.73	1.95	1.45	5.1
Barium	0.09	0.15	0.11	0.4
Beryllium	0.05	0.04	0.15	0.2
Cadmium	0.22	0.25	0.29	0.8
Calcium	1.79	4.63	1.61	8.0
Chromium	0.23	2.82	0.64	3.7
Cobalt	0.34	0.54	0.15	1.0
Copper	0.19	0.22	0.58	1.0
Iron	4.47	12.90	6.85	24.2
Lead	0.50	0.66	0.58	1.7
Magnesium	1.06	3.29	1.16	5.5
Manganese	0.04	0.29	0.16	0.5
Mercury				
Nickel	0.67	1.13	1.23	3.0
Potassium	14.88	29.47	37.44	81.8
Selenium	1.18	1.15	0.74	3.1
Silver	0.16	0.30	0.21	0.7
Sodium	22.19	58.30	92.01	172.5
Thallium	2.36	2.27	1.81	6.4
Vanadium	0.25	0.41	0.27	0.9
Zinc	0.40	0.55	0.46	1.4
[illegible] ide				
[illegible]n	12.79	15.69	34.83	63.3
Molybdenum	0.55	0.98	0.68	2.2
Silicon	10.94	18.11	10.31	39.4
Titanium	0.08	0.23	0.31	0.6
Tin	1.18	2.12	2.52	5.8

Laboratory Instrumentation Elemental Information Form

Instrument Identification TRACE

Element	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum	Al	308.200	24.8	15.00	400000	
Antimony	Sb	206.800	6.5	15.00	50000	
Arsenic	As	189.000	5.1	15.00	10000	
Barium	Ba	234.600	0.4	15.00	100000	
Beryllium	Be	313.000	0.2	15.00	10000	
Cadmium	Cd	226.500	0.8	15.00	20000	
Calcium	Ca	317.900	8.0	15.00	500000	
Chromium	Cr	267.700	3.7	15.00	50000	
Cobalt	Co	228.600	1.0	15.00	50000	
Copper	Cu	324.700	1.0	15.00	50000	
Iron	Fe	271.400	24.2	15.00	500000	
Lead	Pb	220.300	1.7	15.00	10000	
Magnesium	Mg	279.000	5.5	15.00	500000	
Manganese	Mn	257.600	0.5	15.00	20000	
Mercury						
Nickel	Ni	231.600	3.0	15.00	50000	
Potassium	K	766.400	81.8	15.00	100000	
Selenium	Se	196.000	3.1	15.00	10000	
Silver	Ag	328.000	0.7	15.00	5000	
Sodium	Na	330.200	172.5	15.00	400000	
Thallium	Tl	190.800	6.4	15.00	20000	
Vanadium	V	292.400	0.9	15.00	20000	
[illegible]	Zn	206.200	1.4	15.00	20000	
Cyanide						
Boron	B	249.600	63.3	15.00	100000	
Molybdenum	Mo	202.000	2.2	15.00	20000	
Silicon	Si	288.100	39.4	15.00	50000	
Titanium	Ti	337.200	0.6	15.00	50000	
Tin	Sn	189.900	5.8	15.00	50000	

Laboratory Instrumentation Elemental Information Form

Instrument Identification PE5100#2

Element	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum						
Antimony	Sb	217.600			100	2
Arsenic	As	193.700	2.2		100	2
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	Pb	283.300	1.0		100	2
Magnesium						
Manganese						
Mercury						
Nickel						
Potassium						
Selenium	Se	196.000	1.4		100	2
Silver						
Sodium						
Thallium	Tl	276.800	1.4		100	2
Vanadium						
Zinc						
Cyanide						
Boron						
Molybdenum						
Silicon						
Titanium						
Tin						

aboratory Instrumentation Elemental Information Form

nstrument Identification PE5100#3

lement	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
luminum						
ntimony	Sb	217.600			100	2
rsenic	As	193.700	2.1		100	2
arium						
eryllium						
admium	Cd	228.800	0.1		10	2
alcium						
hromium						
obalt						
opper						
ron						
ead	Pb	283.300	0.6		100	2
agnesium						
anganese						
ercury						
ickel						
otassium						
elenium	Se	196.000	1.7		100	2
ilver						
odium						
hallium	Tl	276.800	1.1		100	2
anadium						
yanide						
oron						
olybdenum						
ilicon						
itanium						
in						

Laboratory Instrumentation Elemental Information Form

Instrument Identification PEAS90

Element	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Magnesium						
Manganese						
Mercury	Hg	253.700	0.048		10	1
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Vanadium						
Zinc						
[illegible]ide						
Boron						
Molybdenum						
Silicon						
Titanium						
Tin						

Detection Limit Summary Data for Instrument : 14

Dates :	08/14/96	08/16/96	08/20/96	08/14/96
Element	1	2	3	Detection Limit
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Magnesium				
Manganese				
Mercury	0.02	0.01	0.02	0.048
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Vanadium				
Zinc				
Zirconium				
Molybdenum				
Silicon				
Titanium				
Tin				

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Laboratory Instrumentation Elemental Information Form

Instrument Identification TJA1000

Element	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Magnesium						
Manganese						
Mercury	Hg	253.700	0.1		10	1
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Vanadium						
Cyanide						
Boron						
Molybdenum						
Silicon						
Titanium						
Tin						

)etection Limit Summary Data for Instrument : 5

)a+es :	07/31/96	08/06/96	08/08/96	07/31/96
;l[illegible]ment	1	2	3	Detection Limit
.luminum				
.ntimony				
.rsenic				
3arium				
3eryllium				
:admium				
:alcium				
:hromium				
:obalt				
:opper				
:ron				
.ead				
[agnesium				
[anganese				
[ercury	0.03	0.02	0.03	0.1
[ickel				
'otassium				
3elenium				
3ilver				
3odium				
'hallium				
'anadium				
[illegible]				
[illegible]ide				
3oron				
[olybdenum				
3ilicon				
'itanium				
'in				

Laboratory Instrumentation Elemental Information Form

Instrument Identification TRAACS

Element	Instrument Symbol	Wavelength	Detection Limit	Integration Time	Linearity	Bkg
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Magnesium						
Manganese						
Mercury						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Vanadium						
[illegible]						
Cyanide	CN	578.000	2.4		500	1
Boron						
Molybdenum						
Silicon						
Titanium						
Tin						