

ANALYTICAL REPORT

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Laboratory Job ID: 480-173021-1
Client Project/Site: Corning MVPP

For:

Haley & Aldrich, Inc.
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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

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Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-173021-1

Comments

No additional comments.

Receipt

The samples were received on 7/28/2020 11:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9° C.

GC Semi VOA

Method 8082A: The following samples were diluted to bring the concentration of target analytes within the calibration range: R001-02-072720-1000 (480-173021-2), R001-03-072720-1005 (480-173021-3), (480-173021-A-2-A MS) and (480-173021-A-2-B MSD). Elevated reporting limits (RLs) are provided.

Method 8082A: The matrix spike (MS) recovery for preparation batch 480-543051 and analytical batch 480-543315 was outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The interference check standard solution (ICSA) associated with the following samples showed results for Barium at a level greater than 2 times the limit of detection (LOD). It is believed that the solution contains trace impurities of this element and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution. R001-04-072720-1010 (480-173021-4), R002-04-072720-1035 (480-173021-8), (LCDSRM 480-542775/3-A), (LCSSRM 480-542775/2-A) and (MB 480-542775/1-A)

Method 6010C: The following sample was diluted due to the presence of Total Cerium which interferes with Silver: R001-04-072720-1010 (480-173021-4). Elevated reporting limits (RLs) are provided.

Method 6010C: The interference check standard solution (ICSA) associated with the following samples showed results for Barium at a level greater than 2 times the limit of detection (LOD). It is believed that the solution contains trace impurities of this element and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution. R001-04-072720-1010 (480-173021-4), R002-04-072720-1035 (480-173021-8), (LB 480-542881/1-B), (LCS 480-543065/3-A), (MB 480-543065/2-A), (480-173021-A-8-C MS), (480-173021-A-8-D MSD), (480-173021-A-8-B PDS) and (480-173021-A-8-B SD ^5)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3550C: The following sample: R001-01-072720-0945 (480-173021-1) was decanted prior to preparation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R001-01-072720-0945

Lab Sample ID: 480-173021-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	2.2		0.32	0.15	mg/Kg	1	✱	8082A	Total/NA
Polychlorinated biphenyls, Total	2.2		0.32	0.15	mg/Kg	1	✱	8082A	Total/NA

Client Sample ID: R001-02-072720-1000

Lab Sample ID: 480-173021-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	27		2.4	1.1	mg/Kg	10	✱	8082A	Total/NA
Polychlorinated biphenyls, Total	27		2.4	1.1	mg/Kg	10	✱	8082A	Total/NA

Client Sample ID: R001-03-072720-1005

Lab Sample ID: 480-173021-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	9.7		1.3	0.59	mg/Kg	5	✱	8082A	Total/NA
Polychlorinated biphenyls, Total	9.7		1.3	0.59	mg/Kg	5	✱	8082A	Total/NA

Client Sample ID: R001-04-072720-1010

Lab Sample ID: 480-173021-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	21.4		2.3	0.46	mg/Kg	1	✱	6010C	Total/NA
Barium	94.6	^	0.57	0.13	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.76		0.23	0.034	mg/Kg	1	✱	6010C	Total/NA
Chromium	16.1		0.57	0.23	mg/Kg	1	✱	6010C	Total/NA
Lead	359		1.1	0.27	mg/Kg	1	✱	6010C	Total/NA
Silver	2.4	J	6.8	2.3	mg/Kg	10	✱	6010C	Total/NA
Arsenic	0.0062	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	0.71	J ^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.0045		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.18		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.11		0.019	0.0076	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: R002-01-072720-1020

Lab Sample ID: 480-173021-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.3		0.26	0.12	mg/Kg	1	✱	8082A	Total/NA
Polychlorinated biphenyls, Total	1.3		0.26	0.12	mg/Kg	1	✱	8082A	Total/NA

Client Sample ID: R002-02-072720-1025

Lab Sample ID: 480-173021-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1260	1.8		0.24	0.11	mg/Kg	1	✱	8082A	Total/NA
Polychlorinated biphenyls, Total	1.8		0.24	0.11	mg/Kg	1	✱	8082A	Total/NA

Client Sample ID: R002-03-072720-1030

Lab Sample ID: 480-173021-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.73		0.24	0.11	mg/Kg	1	✱	8082A	Total/NA
Polychlorinated biphenyls, Total	0.73		0.24	0.11	mg/Kg	1	✱	8082A	Total/NA

Client Sample ID: R002-04-072720-1035

Lab Sample ID: 480-173021-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15.2		2.4	0.48	mg/Kg	1	✱	6010C	Total/NA
Barium	128	^	0.60	0.13	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.46		0.24	0.036	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R002-04-072720-1035 (Continued)

Lab Sample ID: 480-173021-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chromium	17.2		0.60	0.24	mg/Kg	1		☼	6010C	Total/NA
Lead	151		1.2	0.29	mg/Kg	1		☼	6010C	Total/NA
Barium	0.64	J ^	1.0	0.10	mg/L	1			6010C	TCLP
Cadmium	0.0089		0.0020	0.00050	mg/L	1			6010C	TCLP
Lead	0.42		0.020	0.0030	mg/L	1			6010C	TCLP
Mercury	0.27		0.020	0.0079	mg/Kg	1		☼	7471B	Total/NA

Client Sample ID: R003-01-072720-1040

Lab Sample ID: 480-173021-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1260	0.42		0.21	0.096	mg/Kg	1		☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.42		0.21	0.096	mg/Kg	1		☼	8082A	Total/NA

Client Sample ID: R003-02-072720-1045

Lab Sample ID: 480-173021-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1260	1.1		0.24	0.11	mg/Kg	1		☼	8082A	Total/NA
Polychlorinated biphenyls, Total	1.1		0.24	0.11	mg/Kg	1		☼	8082A	Total/NA

Client Sample ID: R003-03-072720-1050

Lab Sample ID: 480-173021-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
PCB-1260	0.69		0.21	0.096	mg/Kg	1		☼	8082A	Total/NA
Polychlorinated biphenyls, Total	0.69		0.21	0.096	mg/Kg	1		☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R001-01-072720-0945

Lab Sample ID: 480-173021-1

Date Collected: 07/27/20 09:45

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 72.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.32	0.062	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1221	ND		0.32	0.062	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1232	ND		0.32	0.062	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1242	ND		0.32	0.062	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1248	ND		0.32	0.062	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1254	ND		0.32	0.15	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1260	2.2		0.32	0.15	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1262	ND		0.32	0.15	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
PCB-1268	ND		0.32	0.15	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1
Polychlorinated biphenyls, Total	2.2		0.32	0.15	mg/Kg	☼	07/31/20 06:56	07/31/20 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	119		60 - 154	07/31/20 06:56	07/31/20 17:37	1
Tetrachloro-m-xylene	106		60 - 154	07/31/20 06:56	07/31/20 17:37	1
DCB Decachlorobiphenyl	89		65 - 174	07/31/20 06:56	07/31/20 17:37	1
DCB Decachlorobiphenyl	97		65 - 174	07/31/20 06:56	07/31/20 17:37	1

Client Sample ID: R001-02-072720-1000

Lab Sample ID: 480-173021-2

Date Collected: 07/27/20 10:00

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 92.7

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		2.4	0.47	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1221	ND		2.4	0.47	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1232	ND		2.4	0.47	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1242	ND		2.4	0.47	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1248	ND		2.4	0.47	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1254	ND		2.4	1.1	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1260	27		2.4	1.1	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1262	ND		2.4	1.1	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
PCB-1268	ND		2.4	1.1	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10
Polychlorinated biphenyls, Total	27		2.4	1.1	mg/Kg	☼	07/31/20 06:56	08/02/20 21:43	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	101		60 - 154	07/31/20 06:56	08/02/20 21:43	10
Tetrachloro-m-xylene	106		60 - 154	07/31/20 06:56	08/02/20 21:43	10
DCB Decachlorobiphenyl	76		65 - 174	07/31/20 06:56	08/02/20 21:43	10
DCB Decachlorobiphenyl	104		65 - 174	07/31/20 06:56	08/02/20 21:43	10

Client Sample ID: R001-03-072720-1005

Lab Sample ID: 480-173021-3

Date Collected: 07/27/20 10:05

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 90.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.3	0.25	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
PCB-1221	ND		1.3	0.25	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
PCB-1232	ND		1.3	0.25	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
PCB-1242	ND		1.3	0.25	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
PCB-1248	ND		1.3	0.25	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5

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Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R001-03-072720-1005

Lab Sample ID: 480-173021-3

Date Collected: 07/27/20 10:05

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 90.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		1.3	0.59	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
PCB-1260	9.7		1.3	0.59	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
PCB-1262	ND		1.3	0.59	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
PCB-1268	ND		1.3	0.59	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
Polychlorinated biphenyls, Total	9.7		1.3	0.59	mg/Kg	☼	07/31/20 06:56	08/02/20 21:56	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		60 - 154				07/31/20 06:56	08/02/20 21:56	5
Tetrachloro-m-xylene	102		60 - 154				07/31/20 06:56	08/02/20 21:56	5
DCB Decachlorobiphenyl	86		65 - 174				07/31/20 06:56	08/02/20 21:56	5
DCB Decachlorobiphenyl	100		65 - 174				07/31/20 06:56	08/02/20 21:56	5

Client Sample ID: R001-04-072720-1010

Lab Sample ID: 480-173021-4

Date Collected: 07/27/20 10:10

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 91.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21.4		2.3	0.46	mg/Kg	☼	07/30/20 18:03	07/31/20 14:47	1
Barium	94.6	^	0.57	0.13	mg/Kg	☼	07/30/20 18:03	07/31/20 14:47	1
Cadmium	0.76		0.23	0.034	mg/Kg	☼	07/30/20 18:03	07/31/20 14:47	1
Chromium	16.1		0.57	0.23	mg/Kg	☼	07/30/20 18:03	07/31/20 14:47	1
Lead	359		1.1	0.27	mg/Kg	☼	07/30/20 18:03	07/31/20 14:47	1
Selenium	ND		4.6	0.46	mg/Kg	☼	07/30/20 18:03	07/31/20 14:47	1
Silver	2.4	J	6.8	2.3	mg/Kg	☼	07/30/20 18:03	08/03/20 13:48	10

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0062	J	0.015	0.0056	mg/L		07/31/20 09:44	07/31/20 16:46	1
Barium	0.71	J ^	1.0	0.10	mg/L		07/31/20 09:44	07/31/20 16:46	1
Cadmium	0.0045		0.0020	0.00050	mg/L		07/31/20 09:44	07/31/20 16:46	1
Chromium	ND		0.020	0.010	mg/L		07/31/20 09:44	07/31/20 16:46	1
Lead	0.18		0.020	0.0030	mg/L		07/31/20 09:44	07/31/20 16:46	1
Selenium	ND		0.025	0.0087	mg/L		07/31/20 09:44	07/31/20 16:46	1
Silver	ND		0.0060	0.0017	mg/L		07/31/20 09:44	07/31/20 16:46	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/31/20 12:50	07/31/20 17:13	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.019	0.0076	mg/Kg	☼	07/30/20 16:23	07/30/20 17:58	1

Client Sample ID: R002-01-072720-1020

Lab Sample ID: 480-173021-5

Date Collected: 07/27/20 10:20

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 87.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.051	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R002-01-072720-1020

Lab Sample ID: 480-173021-5

Date Collected: 07/27/20 10:20

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 87.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.26	0.051	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
PCB-1232	ND		0.26	0.051	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
PCB-1242	ND		0.26	0.051	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
PCB-1248	ND		0.26	0.051	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
PCB-1260	1.3		0.26	0.12	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
PCB-1262	ND		0.26	0.12	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
PCB-1268	ND		0.26	0.12	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1
Polychlorinated biphenyls, Total	1.3		0.26	0.12	mg/Kg	☼	07/31/20 06:56	07/31/20 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		60 - 154	07/31/20 06:56	07/31/20 18:01	1
Tetrachloro-m-xylene	93		60 - 154	07/31/20 06:56	07/31/20 18:01	1
DCB Decachlorobiphenyl	78		65 - 174	07/31/20 06:56	07/31/20 18:01	1
DCB Decachlorobiphenyl	83		65 - 174	07/31/20 06:56	07/31/20 18:01	1

Client Sample ID: R002-02-072720-1025

Lab Sample ID: 480-173021-6

Date Collected: 07/27/20 10:25

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1221	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1232	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1242	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1248	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1260	1.8		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1262	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
PCB-1268	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1
Polychlorinated biphenyls, Total	1.8		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		60 - 154	07/31/20 06:56	07/31/20 18:14	1
Tetrachloro-m-xylene	101		60 - 154	07/31/20 06:56	07/31/20 18:14	1
DCB Decachlorobiphenyl	86		65 - 174	07/31/20 06:56	07/31/20 18:14	1
DCB Decachlorobiphenyl	87		65 - 174	07/31/20 06:56	07/31/20 18:14	1

Client Sample ID: R002-03-072720-1030

Lab Sample ID: 480-173021-7

Date Collected: 07/27/20 10:30

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
PCB-1221	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
PCB-1232	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
PCB-1242	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
PCB-1248	ND		0.24	0.046	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
PCB-1254	0.73		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R002-03-072720-1030

Lab Sample ID: 480-173021-7

Date Collected: 07/27/20 10:30

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
PCB-1262	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
PCB-1268	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
Polychlorinated biphenyls, Total	0.73		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	118		60 - 154				07/31/20 06:56	07/31/20 18:26	1
Tetrachloro-m-xylene	104		60 - 154				07/31/20 06:56	07/31/20 18:26	1
DCB Decachlorobiphenyl	88		65 - 174				07/31/20 06:56	07/31/20 18:26	1
DCB Decachlorobiphenyl	88		65 - 174				07/31/20 06:56	07/31/20 18:26	1

Client Sample ID: R002-04-072720-1035

Lab Sample ID: 480-173021-8

Date Collected: 07/27/20 10:35

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 87.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.2		2.4	0.48	mg/Kg	☼	07/30/20 18:03	07/31/20 14:51	1
Barium	128	^	0.60	0.13	mg/Kg	☼	07/30/20 18:03	07/31/20 14:51	1
Cadmium	0.46		0.24	0.036	mg/Kg	☼	07/30/20 18:03	07/31/20 14:51	1
Chromium	17.2		0.60	0.24	mg/Kg	☼	07/30/20 18:03	07/31/20 14:51	1
Lead	151		1.2	0.29	mg/Kg	☼	07/30/20 18:03	07/31/20 14:51	1
Selenium	ND		4.8	0.48	mg/Kg	☼	07/30/20 18:03	07/31/20 14:51	1
Silver	ND		0.72	0.24	mg/Kg	☼	07/30/20 18:03	07/31/20 14:51	1

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L	—	07/31/20 09:44	07/31/20 16:50	1
Barium	0.64	J ^	1.0	0.10	mg/L	—	07/31/20 09:44	07/31/20 16:50	1
Cadmium	0.0089		0.0020	0.00050	mg/L	—	07/31/20 09:44	07/31/20 16:50	1
Chromium	ND		0.020	0.010	mg/L	—	07/31/20 09:44	07/31/20 16:50	1
Lead	0.42		0.020	0.0030	mg/L	—	07/31/20 09:44	07/31/20 16:50	1
Selenium	ND		0.025	0.0087	mg/L	—	07/31/20 09:44	07/31/20 16:50	1
Silver	ND		0.0060	0.0017	mg/L	—	07/31/20 09:44	07/31/20 16:50	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L	—	07/31/20 12:50	07/31/20 17:14	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.27		0.020	0.0079	mg/Kg	☼	07/30/20 16:23	07/30/20 17:59	1

Client Sample ID: R003-01-072720-1040

Lab Sample ID: 480-173021-9

Date Collected: 07/27/20 10:40

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
PCB-1221	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R003-01-072720-1040

Lab Sample ID: 480-173021-9

Date Collected: 07/27/20 10:40

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
PCB-1242	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
PCB-1248	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
PCB-1254	ND		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
PCB-1260	0.42		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
PCB-1262	ND		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
PCB-1268	ND		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1
Polychlorinated biphenyls, Total	0.42		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		60 - 154	07/31/20 06:56	07/31/20 18:39	1
Tetrachloro-m-xylene	100		60 - 154	07/31/20 06:56	07/31/20 18:39	1
DCB Decachlorobiphenyl	88		65 - 174	07/31/20 06:56	07/31/20 18:39	1
DCB Decachlorobiphenyl	97		65 - 174	07/31/20 06:56	07/31/20 18:39	1

Client Sample ID: R003-02-072720-1045

Lab Sample ID: 480-173021-10

Date Collected: 07/27/20 10:45

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 89.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1260	1.1		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1262	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
PCB-1268	ND		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1
Polychlorinated biphenyls, Total	1.1		0.24	0.11	mg/Kg	☼	07/31/20 06:56	07/31/20 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	120		60 - 154	07/31/20 06:56	07/31/20 18:51	1
Tetrachloro-m-xylene	108		60 - 154	07/31/20 06:56	07/31/20 18:51	1
DCB Decachlorobiphenyl	88		65 - 174	07/31/20 06:56	07/31/20 18:51	1
DCB Decachlorobiphenyl	97		65 - 174	07/31/20 06:56	07/31/20 18:51	1

Client Sample ID: R003-03-072720-1050

Lab Sample ID: 480-173021-11

Date Collected: 07/27/20 10:50

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 89.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
PCB-1221	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
PCB-1232	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
PCB-1242	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
PCB-1248	ND		0.21	0.040	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
PCB-1254	ND		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
PCB-1260	0.69		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1

Eurofins TestAmerica, Buffalo

Client Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R003-03-072720-1050

Lab Sample ID: 480-173021-11

Date Collected: 07/27/20 10:50

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 89.9

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	ND		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
PCB-1268	ND		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1
Polychlorinated biphenyls, Total	0.69		0.21	0.096	mg/Kg	☼	07/31/20 06:56	07/31/20 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	107		60 - 154	07/31/20 06:56	07/31/20 19:03	1
<i>Tetrachloro-m-xylene</i>	99		60 - 154	07/31/20 06:56	07/31/20 19:03	1
<i>DCB Decachlorobiphenyl</i>	73		65 - 174	07/31/20 06:56	07/31/20 19:03	1
<i>DCB Decachlorobiphenyl</i>	77		65 - 174	07/31/20 06:56	07/31/20 19:03	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
480-173021-1	R001-01-072720-0945	106	119	97	89
480-173021-2	R001-02-072720-1000	106	101	104	76
480-173021-2 MS	R001-02-072720-1000	145	135	149	116
480-173021-2 MSD	R001-02-072720-1000	153	142	147	116
480-173021-3	R001-03-072720-1005	102	100	100	86
480-173021-5	R002-01-072720-1020	93	105	83	78
480-173021-6	R002-02-072720-1025	101	116	87	86
480-173021-7	R002-03-072720-1030	104	118	88	88
480-173021-9	R003-01-072720-1040	100	116	97	88
480-173021-10	R003-02-072720-1045	108	120	97	88
480-173021-11	R003-03-072720-1050	99	107	77	73
LCS 480-543051/2-A	Lab Control Sample	128	148	134	116
MB 480-543051/1-A	Method Blank	105	116	106	91

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-543051/1-A

Matrix: Solid

Analysis Batch: 543108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 543051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.045	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1221	ND		0.23	0.045	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1232	ND		0.23	0.045	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1242	ND		0.23	0.045	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1248	ND		0.23	0.045	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1254	ND		0.23	0.11	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1260	ND		0.23	0.11	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1262	ND		0.23	0.11	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
PCB-1268	ND		0.23	0.11	mg/Kg		07/31/20 06:56	07/31/20 16:10	1
Polychlorinated biphenyls, Total	ND		0.23	0.11	mg/Kg		07/31/20 06:56	07/31/20 16:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		60 - 154	07/31/20 06:56	07/31/20 16:10	1
Tetrachloro-m-xylene	105		60 - 154	07/31/20 06:56	07/31/20 16:10	1
DCB Decachlorobiphenyl	91		65 - 174	07/31/20 06:56	07/31/20 16:10	1
DCB Decachlorobiphenyl	106		65 - 174	07/31/20 06:56	07/31/20 16:10	1

Lab Sample ID: LCS 480-543051/2-A

Matrix: Solid

Analysis Batch: 543108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 543051

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	2.27	3.12		mg/Kg		137	51 - 185
PCB-1260	2.27	3.56		mg/Kg		157	61 - 184

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	148		60 - 154
Tetrachloro-m-xylene	128		60 - 154
DCB Decachlorobiphenyl	116		65 - 174
DCB Decachlorobiphenyl	134		65 - 174

Lab Sample ID: 480-173021-2 MS

Matrix: Solid

Analysis Batch: 543315

Client Sample ID: R001-02-072720-1000

Prep Type: Total/NA

Prep Batch: 543051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
PCB-1016	ND		2.14	2.43		mg/Kg	☼	113	50 - 177
PCB-1260	27		2.14	18.7	4	mg/Kg	☼	-367	33 - 200

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	135		60 - 154
Tetrachloro-m-xylene	145		60 - 154
DCB Decachlorobiphenyl	116		65 - 174
DCB Decachlorobiphenyl	149		65 - 174

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-173021-2 MSD

Matrix: Solid

Analysis Batch: 543315

Client Sample ID: R001-02-072720-1000

Prep Type: Total/NA

Prep Batch: 543051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2.63	3.61		mg/Kg	☼	137	50 - 177	39	50
PCB-1260	27		2.63	27.9	4	mg/Kg	☼	50	33 - 200	39	50
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Tetrachloro-m-xylene	142		60 - 154								
Tetrachloro-m-xylene	153		60 - 154								
DCB Decachlorobiphenyl	116		65 - 174								
DCB Decachlorobiphenyl	147		65 - 174								

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-542775/1-A

Matrix: Solid

Analysis Batch: 543220

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 542775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.9	0.39	mg/Kg		07/30/20 18:03	07/31/20 12:38	1
Barium	ND	^	0.49	0.11	mg/Kg		07/30/20 18:03	07/31/20 12:38	1
Cadmium	ND		0.19	0.029	mg/Kg		07/30/20 18:03	07/31/20 12:38	1
Chromium	ND		0.49	0.19	mg/Kg		07/30/20 18:03	07/31/20 12:38	1
Lead	ND		0.97	0.23	mg/Kg		07/30/20 18:03	07/31/20 12:38	1
Selenium	ND		3.9	0.39	mg/Kg		07/30/20 18:03	07/31/20 12:38	1
Silver	ND		0.58	0.19	mg/Kg		07/30/20 18:03	07/31/20 12:38	1

Lab Sample ID: LCDSRM 480-542775/3-A

Matrix: Solid

Analysis Batch: 543220

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 542775

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	106	88.70		mg/Kg		83.7	64.4 - 119.8	0	20
Barium	340	292.3	^	mg/Kg		86.0	70.6 - 117.6	1	20
Cadmium	125	99.33		mg/Kg		79.5	68.4 - 114.4	2	20
Chromium	158	132.3		mg/Kg		83.8	65.2 - 120.9	0	20
Lead	106	108.6		mg/Kg		102.4	69.8 - 127.4	3	20
Selenium	103	82.80		mg/Kg		80.4	58.3 - 122.3	0	20
Silver	34.0	28.59		mg/Kg		84.1	64.4 - 123.8	1	20

Lab Sample ID: LCSSRM 480-542775/2-A

Matrix: Solid

Analysis Batch: 543220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 542775

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	106	89.02		mg/Kg		84.0	64.4 - 119.8		

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-542775/2-A

Matrix: Solid

Analysis Batch: 543220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 542775

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	340	294.6	^	mg/Kg		86.7	70.6 - 117.6
Cadmium	125	97.40		mg/Kg		77.9	68.4 - 114.4
Chromium	158	132.8		mg/Kg		84.1	65.2 - 120.9
Lead	106	111.6		mg/Kg		105.3	69.8 - 127.4
Selenium	103	82.83		mg/Kg		80.4	58.3 - 122.3
Silver	34.0	28.18		mg/Kg		82.9	64.4 - 123.8

Lab Sample ID: MB 480-543065/2-A

Matrix: Solid

Analysis Batch: 543371

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 543065

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/31/20 09:44	07/31/20 16:22	1
Barium	ND	^	1.0	0.10	mg/L		07/31/20 09:44	07/31/20 16:22	1
Cadmium	ND		0.0020	0.00050	mg/L		07/31/20 09:44	07/31/20 16:22	1
Chromium	ND		0.020	0.010	mg/L		07/31/20 09:44	07/31/20 16:22	1
Lead	ND		0.020	0.0030	mg/L		07/31/20 09:44	07/31/20 16:22	1
Selenium	ND		0.025	0.0087	mg/L		07/31/20 09:44	07/31/20 16:22	1
Silver	ND		0.0060	0.0017	mg/L		07/31/20 09:44	07/31/20 16:22	1

Lab Sample ID: LCS 480-543065/3-A

Matrix: Solid

Analysis Batch: 543371

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 543065

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.10		mg/L		110	80 - 120
Barium	1.00	1.02	^	mg/L		102	80 - 120
Cadmium	1.00	1.04		mg/L		104	80 - 120
Chromium	1.00	1.04		mg/L		104	80 - 120
Lead	1.00	1.04		mg/L		104	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120
Silver	1.00	1.07		mg/L		107	80 - 120

Lab Sample ID: LB 480-542881/1-B

Matrix: Solid

Analysis Batch: 543371

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 543065

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		07/31/20 09:44	07/31/20 16:18	1
Barium	ND	^	1.0	0.10	mg/L		07/31/20 09:44	07/31/20 16:18	1
Cadmium	ND		0.0020	0.00050	mg/L		07/31/20 09:44	07/31/20 16:18	1
Chromium	ND		0.020	0.010	mg/L		07/31/20 09:44	07/31/20 16:18	1
Lead	ND		0.020	0.0030	mg/L		07/31/20 09:44	07/31/20 16:18	1
Selenium	ND		0.025	0.0087	mg/L		07/31/20 09:44	07/31/20 16:18	1
Silver	ND		0.0060	0.0017	mg/L		07/31/20 09:44	07/31/20 16:18	1

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Method: 6010C - Metals (ICP)

Lab Sample ID: 480-173021-8 MS

Matrix: Solid

Analysis Batch: 543371

Client Sample ID: R002-04-072720-1035

Prep Type: TCLP

Prep Batch: 543065

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.08		mg/L		108	75 - 125
Barium	0.64	J ^	1.00	1.62	^	mg/L		98	75 - 125
Cadmium	0.0089		1.00	1.04		mg/L		103	75 - 125
Chromium	ND		1.00	0.963		mg/L		96	75 - 125
Lead	0.42		1.00	1.42		mg/L		100	75 - 125
Selenium	ND		1.00	1.05		mg/L		105	75 - 125
Silver	ND		1.00	1.05		mg/L		105	75 - 125

Lab Sample ID: 480-173021-8 MSD

Matrix: Solid

Analysis Batch: 543371

Client Sample ID: R002-04-072720-1035

Prep Type: TCLP

Prep Batch: 543065

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.08		mg/L		108	75 - 125	0	20
Barium	0.64	J ^	1.00	1.64	^	mg/L		100	75 - 125	1	20
Cadmium	0.0089		1.00	1.04		mg/L		103	75 - 125	0	20
Chromium	ND		1.00	0.977		mg/L		98	75 - 125	1	20
Lead	0.42		1.00	1.43		mg/L		101	75 - 125	1	20
Selenium	ND		1.00	1.04		mg/L		104	75 - 125	1	20
Silver	ND		1.00	1.05		mg/L		105	75 - 125	0	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-543159/2-A

Matrix: Solid

Analysis Batch: 543228

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 543159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/31/20 12:50	07/31/20 17:10	1

Lab Sample ID: LCS 480-543159/3-A

Matrix: Solid

Analysis Batch: 543228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 543159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00667		mg/L		100	80 - 120

Lab Sample ID: LB 480-542881/1-C

Matrix: Solid

Analysis Batch: 543228

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 543159

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		07/31/20 12:50	07/31/20 17:08	1

Lab Sample ID: 480-173021-8 MS

Matrix: Solid

Analysis Batch: 543228

Client Sample ID: R002-04-072720-1035

Prep Type: TCLP

Prep Batch: 543159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00623		mg/L		93	80 - 120

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QC Sample Results

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Method: 7470A - TCLP Mercury

Lab Sample ID: 480-173021-8 MSD

Matrix: Solid

Analysis Batch: 543228

Client Sample ID: R002-04-072720-1035

Prep Type: TCLP

Prep Batch: 543159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00627		mg/L		94	80 - 120	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-542989/1-A

Matrix: Solid

Analysis Batch: 543027

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 542989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.018	0.0072	mg/Kg		07/30/20 16:23	07/30/20 17:37	1

Lab Sample ID: LCSSRM 480-542989/2-A ^5

Matrix: Solid

Analysis Batch: 543027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 542989

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.79	5.92		mg/Kg		102.2	62.2 - 144.9

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

GC Semi VOA

Prep Batch: 543051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-1	R001-01-072720-0945	Total/NA	Solid	3550C	
480-173021-2	R001-02-072720-1000	Total/NA	Solid	3550C	
480-173021-3	R001-03-072720-1005	Total/NA	Solid	3550C	
480-173021-5	R002-01-072720-1020	Total/NA	Solid	3550C	
480-173021-6	R002-02-072720-1025	Total/NA	Solid	3550C	
480-173021-7	R002-03-072720-1030	Total/NA	Solid	3550C	
480-173021-9	R003-01-072720-1040	Total/NA	Solid	3550C	
480-173021-10	R003-02-072720-1045	Total/NA	Solid	3550C	
480-173021-11	R003-03-072720-1050	Total/NA	Solid	3550C	
MB 480-543051/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-543051/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-173021-2 MS	R001-02-072720-1000	Total/NA	Solid	3550C	
480-173021-2 MSD	R001-02-072720-1000	Total/NA	Solid	3550C	

Analysis Batch: 543108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-1	R001-01-072720-0945	Total/NA	Solid	8082A	543051
480-173021-5	R002-01-072720-1020	Total/NA	Solid	8082A	543051
480-173021-6	R002-02-072720-1025	Total/NA	Solid	8082A	543051
480-173021-7	R002-03-072720-1030	Total/NA	Solid	8082A	543051
480-173021-9	R003-01-072720-1040	Total/NA	Solid	8082A	543051
480-173021-10	R003-02-072720-1045	Total/NA	Solid	8082A	543051
480-173021-11	R003-03-072720-1050	Total/NA	Solid	8082A	543051
MB 480-543051/1-A	Method Blank	Total/NA	Solid	8082A	543051
LCS 480-543051/2-A	Lab Control Sample	Total/NA	Solid	8082A	543051

Analysis Batch: 543315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-2	R001-02-072720-1000	Total/NA	Solid	8082A	543051
480-173021-3	R001-03-072720-1005	Total/NA	Solid	8082A	543051
480-173021-2 MS	R001-02-072720-1000	Total/NA	Solid	8082A	543051
480-173021-2 MSD	R001-02-072720-1000	Total/NA	Solid	8082A	543051

Metals

Prep Batch: 542775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	Total/NA	Solid	3050B	
480-173021-8	R002-04-072720-1035	Total/NA	Solid	3050B	
MB 480-542775/1-A	Method Blank	Total/NA	Solid	3050B	
LCDSRM 480-542775/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 480-542775/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Leach Batch: 542881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	TCLP	Solid	1311	
480-173021-8	R002-04-072720-1035	TCLP	Solid	1311	
LB 480-542881/1-B	Method Blank	TCLP	Solid	1311	
LB 480-542881/1-C	Method Blank	TCLP	Solid	1311	
480-173021-8 MS	R002-04-072720-1035	TCLP	Solid	1311	
480-173021-8 MSD	R002-04-072720-1035	TCLP	Solid	1311	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Metals

Prep Batch: 542989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	Total/NA	Solid	7471B	
480-173021-8	R002-04-072720-1035	Total/NA	Solid	7471B	
MB 480-542989/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-542989/2-A ^5	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 543027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	Total/NA	Solid	7471B	542989
480-173021-8	R002-04-072720-1035	Total/NA	Solid	7471B	542989
MB 480-542989/1-A	Method Blank	Total/NA	Solid	7471B	542989
LCSSRM 480-542989/2-A ^5	Lab Control Sample	Total/NA	Solid	7471B	542989

Prep Batch: 543065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	TCLP	Solid	3010A	542881
480-173021-8	R002-04-072720-1035	TCLP	Solid	3010A	542881
LB 480-542881/1-B	Method Blank	TCLP	Solid	3010A	542881
MB 480-543065/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 480-543065/3-A	Lab Control Sample	Total/NA	Solid	3010A	
480-173021-8 MS	R002-04-072720-1035	TCLP	Solid	3010A	542881
480-173021-8 MSD	R002-04-072720-1035	TCLP	Solid	3010A	542881

Prep Batch: 543159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	TCLP	Solid	7470A	542881
480-173021-8	R002-04-072720-1035	TCLP	Solid	7470A	542881
LB 480-542881/1-C	Method Blank	TCLP	Solid	7470A	542881
MB 480-543159/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 480-543159/3-A	Lab Control Sample	Total/NA	Solid	7470A	
480-173021-8 MS	R002-04-072720-1035	TCLP	Solid	7470A	542881
480-173021-8 MSD	R002-04-072720-1035	TCLP	Solid	7470A	542881

Analysis Batch: 543220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	Total/NA	Solid	6010C	542775
480-173021-8	R002-04-072720-1035	Total/NA	Solid	6010C	542775
MB 480-542775/1-A	Method Blank	Total/NA	Solid	6010C	542775
LCDSRM 480-542775/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	542775
LCSSRM 480-542775/2-A	Lab Control Sample	Total/NA	Solid	6010C	542775

Analysis Batch: 543228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	TCLP	Solid	7470A	543159
480-173021-8	R002-04-072720-1035	TCLP	Solid	7470A	543159
LB 480-542881/1-C	Method Blank	TCLP	Solid	7470A	543159
MB 480-543159/2-A	Method Blank	Total/NA	Solid	7470A	543159
LCS 480-543159/3-A	Lab Control Sample	Total/NA	Solid	7470A	543159
480-173021-8 MS	R002-04-072720-1035	TCLP	Solid	7470A	543159
480-173021-8 MSD	R002-04-072720-1035	TCLP	Solid	7470A	543159

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Metals

Analysis Batch: 543371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	TCLP	Solid	6010C	543065
480-173021-8	R002-04-072720-1035	TCLP	Solid	6010C	543065
LB 480-542881/1-B	Method Blank	TCLP	Solid	6010C	543065
MB 480-543065/2-A	Method Blank	Total/NA	Solid	6010C	543065
LCS 480-543065/3-A	Lab Control Sample	Total/NA	Solid	6010C	543065
480-173021-8 MS	R002-04-072720-1035	TCLP	Solid	6010C	543065
480-173021-8 MSD	R002-04-072720-1035	TCLP	Solid	6010C	543065

Analysis Batch: 543415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-4	R001-04-072720-1010	Total/NA	Solid	6010C	542775

General Chemistry

Analysis Batch: 543008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173021-1	R001-01-072720-0945	Total/NA	Solid	Moisture	
480-173021-2	R001-02-072720-1000	Total/NA	Solid	Moisture	
480-173021-3	R001-03-072720-1005	Total/NA	Solid	Moisture	
480-173021-4	R001-04-072720-1010	Total/NA	Solid	Moisture	
480-173021-5	R002-01-072720-1020	Total/NA	Solid	Moisture	
480-173021-6	R002-02-072720-1025	Total/NA	Solid	Moisture	
480-173021-7	R002-03-072720-1030	Total/NA	Solid	Moisture	
480-173021-8	R002-04-072720-1035	Total/NA	Solid	Moisture	
480-173021-9	R003-01-072720-1040	Total/NA	Solid	Moisture	
480-173021-10	R003-02-072720-1045	Total/NA	Solid	Moisture	
480-173021-11	R003-03-072720-1050	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R001-01-072720-0945

Lab Sample ID: 480-173021-1

Date Collected: 07/27/20 09:45

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R001-01-072720-0945

Lab Sample ID: 480-173021-1

Date Collected: 07/27/20 09:45

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 72.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		1	543108	07/31/20 17:37	W1T	TAL BUF

Client Sample ID: R001-02-072720-1000

Lab Sample ID: 480-173021-2

Date Collected: 07/27/20 10:00

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R001-02-072720-1000

Lab Sample ID: 480-173021-2

Date Collected: 07/27/20 10:00

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		10	543315	08/02/20 21:43	W1T	TAL BUF

Client Sample ID: R001-03-072720-1005

Lab Sample ID: 480-173021-3

Date Collected: 07/27/20 10:05

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R001-03-072720-1005

Lab Sample ID: 480-173021-3

Date Collected: 07/27/20 10:05

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		5	543315	08/02/20 21:56	W1T	TAL BUF

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R001-04-072720-1010

Lab Sample ID: 480-173021-4

Date Collected: 07/27/20 10:10

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			542881	07/30/20 09:37	LMS	TAL BUF
TCLP	Prep	3010A			543065	07/31/20 09:44	ADM	TAL BUF
TCLP	Analysis	6010C		1	543371	07/31/20 16:46	AMH	TAL BUF
TCLP	Leach	1311			542881	07/30/20 09:37	LMS	TAL BUF
TCLP	Prep	7470A			543159	07/31/20 12:50	BMB	TAL BUF
TCLP	Analysis	7470A		1	543228	07/31/20 17:13	BMB	TAL BUF
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R001-04-072720-1010

Lab Sample ID: 480-173021-4

Date Collected: 07/27/20 10:10

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			542775	07/30/20 18:03	ADM	TAL BUF
Total/NA	Analysis	6010C		1	543220	07/31/20 14:47	AMH	TAL BUF
Total/NA	Prep	3050B			542775	07/30/20 18:03	ADM	TAL BUF
Total/NA	Analysis	6010C		10	543415	08/03/20 13:48	AMH	TAL BUF
Total/NA	Prep	7471B			542989	07/30/20 16:23	BMB	TAL BUF
Total/NA	Analysis	7471B		1	543027	07/30/20 17:58	BMB	TAL BUF

Client Sample ID: R002-01-072720-1020

Lab Sample ID: 480-173021-5

Date Collected: 07/27/20 10:20

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R002-01-072720-1020

Lab Sample ID: 480-173021-5

Date Collected: 07/27/20 10:20

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		1	543108	07/31/20 18:01	W1T	TAL BUF

Client Sample ID: R002-02-072720-1025

Lab Sample ID: 480-173021-6

Date Collected: 07/27/20 10:25

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R002-02-072720-1025

Lab Sample ID: 480-173021-6

Date Collected: 07/27/20 10:25

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		1	543108	07/31/20 18:14	W1T	TAL BUF

Client Sample ID: R002-03-072720-1030

Lab Sample ID: 480-173021-7

Date Collected: 07/27/20 10:30

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R002-03-072720-1030

Lab Sample ID: 480-173021-7

Date Collected: 07/27/20 10:30

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		1	543108	07/31/20 18:26	W1T	TAL BUF

Client Sample ID: R002-04-072720-1035

Lab Sample ID: 480-173021-8

Date Collected: 07/27/20 10:35

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			542881	07/30/20 09:37	LMS	TAL BUF
TCLP	Prep	3010A			543065	07/31/20 09:44	ADM	TAL BUF
TCLP	Analysis	6010C		1	543371	07/31/20 16:50	AMH	TAL BUF
TCLP	Leach	1311			542881	07/30/20 09:37	LMS	TAL BUF
TCLP	Prep	7470A			543159	07/31/20 12:50	BMB	TAL BUF
TCLP	Analysis	7470A		1	543228	07/31/20 17:14	BMB	TAL BUF
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R002-04-072720-1035

Lab Sample ID: 480-173021-8

Date Collected: 07/27/20 10:35

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			542775	07/30/20 18:03	ADM	TAL BUF
Total/NA	Analysis	6010C		1	543220	07/31/20 14:51	AMH	TAL BUF
Total/NA	Prep	7471B			542989	07/30/20 16:23	BMB	TAL BUF
Total/NA	Analysis	7471B		1	543027	07/30/20 17:59	BMB	TAL BUF

Eurofins TestAmerica, Buffalo

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Client Sample ID: R003-01-072720-1040

Lab Sample ID: 480-173021-9

Date Collected: 07/27/20 10:40

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R003-01-072720-1040

Lab Sample ID: 480-173021-9

Date Collected: 07/27/20 10:40

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		1	543108	07/31/20 18:39	W1T	TAL BUF

Client Sample ID: R003-02-072720-1045

Lab Sample ID: 480-173021-10

Date Collected: 07/27/20 10:45

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R003-02-072720-1045

Lab Sample ID: 480-173021-10

Date Collected: 07/27/20 10:45

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		1	543108	07/31/20 18:51	W1T	TAL BUF

Client Sample ID: R003-03-072720-1050

Lab Sample ID: 480-173021-11

Date Collected: 07/27/20 10:50

Matrix: Solid

Date Received: 07/28/20 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	543008	07/30/20 16:56	DSC	TAL BUF

Client Sample ID: R003-03-072720-1050

Lab Sample ID: 480-173021-11

Date Collected: 07/27/20 10:50

Matrix: Solid

Date Received: 07/28/20 11:00

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			543051	07/31/20 06:56	VXF	TAL BUF
Total/NA	Analysis	8082A		1	543108	07/31/20 19:03	W1T	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
8082A	3550C	Solid	Polychlorinated biphenyls, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
1311	TCLP Extraction	SW846	TAL BUF
3010A	Preparation, Total Metals	SW846	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Corning MVPP

Job ID: 480-173021-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-173021-1	R001-01-072720-0945	Solid	07/27/20 09:45	07/28/20 11:00	
480-173021-2	R001-02-072720-1000	Solid	07/27/20 10:00	07/28/20 11:00	
480-173021-3	R001-03-072720-1005	Solid	07/27/20 10:05	07/28/20 11:00	
480-173021-4	R001-04-072720-1010	Solid	07/27/20 10:10	07/28/20 11:00	
480-173021-5	R002-01-072720-1020	Solid	07/27/20 10:20	07/28/20 11:00	
480-173021-6	R002-02-072720-1025	Solid	07/27/20 10:25	07/28/20 11:00	
480-173021-7	R002-03-072720-1030	Solid	07/27/20 10:30	07/28/20 11:00	
480-173021-8	R002-04-072720-1035	Solid	07/27/20 10:35	07/28/20 11:00	
480-173021-9	R003-01-072720-1040	Solid	07/27/20 10:40	07/28/20 11:00	
480-173021-10	R003-02-072720-1045	Solid	07/27/20 10:45	07/28/20 11:00	
480-173021-11	R003-03-072720-1050	Solid	07/27/20 10:50	07/28/20 11:00	

Chain of Custody Record



Client Information Client Contact: <u>John Siegfried</u> Company: <u>Halley & Aldrich, Inc.</u> Address: <u>200 Town Centre Drive #2</u> City: <u>Rochester</u> State, Zip: <u>NY, 14623-4264</u> Phone: <u>585-321-4249</u> Email: <u>jsiegfried@halleyaldrich.com</u> Project Name: <u>Coerting MUPP</u> Site: <u>Send to Jim Siegfried</u> <u>jsiegfried@halleyaldrich.com</u>		Sampler: <u>Jon Sanger</u> Lab PM: <u>Hartmann, Steve</u> Phone: <u>585-321-4230</u> E-Mail: <u>Steve.Hartmann@Eurofinset.com</u>		COC No: <u>480-148575-33067.1</u> Page: <u>Page 1 of 1</u> Job #:	
Due Date Requested: TAT Requested (days): <u>3 Day</u> PO #: <u>Purchase Order not required</u> WO #: <u>130457-033</u> Project #: <u>48020859</u> SSOW#:		Analysis Requested			
Barcode: 480-173021 Chain of Custody		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Other:			
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=organic, A=air) Preservation Code:		Perform MS/MSD (Yes or No) Field Filtered Sample (Yes or No) Total Number of Containers Special Instructions/Note:			
R001-01 - 072720-0945 R001-02 - 072720-1000 R001-03 - 072720-1005 R001-04 - 072720-1010 R002-01 - 072720-1020 R002-02 - 072720-1025 R002-03 - 072720-1030 R002-04 - 072720-1035 R003-01 - 072720-1040 R003-02 - 072720-1045 R003-03 - 072720-1050		X X X X X X X X X X X X			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months			
Empty Kit Relinquished by: <u>John Sanger</u> Relinquished by: <u>John Sanger</u> Relinquished by:		Method of Shipment: Date/Time: <u>7/27/20 15:00</u> Date/Time: Date/Time:			
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks: <u>3,9 # ICE OPS</u>			

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 480-173021-1

Login Number: 173021

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	H&A
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	