284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES

PROJECT NAME : AMTRAK SAWTOOTH BRIDGES 2025

PORTAL PARTNERS TRI-VENTURE

c/o Gannett Fleming Inc. Transit and Rail System

207 Senate Avenue

Camp Hill, PA - 17011

Phone No: 610-650-8101

ORDER ID : Q2303

ATTENTION : Joseph Krupansky

Laboratory Certification ID # 20012

Table Of Contents for Q2303

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : Portal Partners Tri-Venture

Project Location : Kearny,NJ

Project Number : 9500000818

Laboratory Sample ID(s) : Q2303

Sampling Date(s) : 6/11/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,6010D,7196A,7471B,8082A,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q2303

Project ID : Amtrak Sawtooth Bridges 2025

Client : Portal Partners Tri-Venture

Lab Sample Number	Client Sample Number
Q2303-01	B-165-SB01
Q2303-02	B-170-SB03

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

Signature : _____

Date: 6/23/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Portal Partners Tri-Venture
Project Name: Amtrak Sawtooth Bridges 2025
Project # N/A
Order ID # Q2303
Test Name: PCB

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 06/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, PCB and Trivalent Chromium. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

The Continuous Calibration File ID PP072898.D met the requirements except for Decachlorobiphenyl is failing in 2nd column however it is passing in 1st column therefore no corrective action was taken.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

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Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature_____

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CASE NARRATIVE

Portal Partners Tri-Venture
Project Name: Amtrak Sawtooth Bridges 2025
Project # N/A
Order ID # Q2303
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 06/11/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, PCB and Trivalent Chromium. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample B-170-SB03 was diluted due to high concentrations for Mercury.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (TP-7MS) analysis met criteria for all samples except for Antimony, Copper and Selenium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (TP-7MSD) analysis met criteria for all samples except for Antimony, Chromium, Potassium, Selenium, Silver, Vanadium and Zinc due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (TP-7L) met criteria for all samples except for Aluminum, Calcium, Chromium, Copper, Iron, Magnesium, Manganese and Zinc due to sample matrix interference.

E. Additional Comments:
In analytical sequence LB136164, Cadmium parameter fails for CCB05 but, no any sample associated under this CCB.
The Post Digest Spike (TP-7A) analysis met criteria for all samples except for Antimony, Chromium, Copper, Potassium, Selenium, Silver, Vanadium and Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

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

Signature_____

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CASE NARRATIVE

Portal Partners Tri-Venture
Project Name: Amtrak Sawtooth Bridges 2025
Project # N/A
Order ID # Q2303
Test Name: Hexavalent Chromium,Trivalent Chromium

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 06/11/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, PCB and Trivalent Chromium. This data package contains results for Hexavalent Chromium,Trivalent Chromium.

C. Analytical Techniques:
The analysis of Trivalent Chromium was based on method 6010D and The analysis of Hexavalent Chromium was based on method 7196A.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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

Signature_____

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Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

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

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

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DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2303

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

QA Review Signature: SOHIL JODHANI **Date:** 06/23/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2303 **Order ID:** Q2303

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-165-SB01								
Q2303-01	B-165-SB01	SOIL	Aroclor-1254	209		3.80	20.3	ug/kg
			Total Concentration:	**209.000**				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-165-SB01	SDG No.:	Q2303
Lab Sample ID:	Q2303-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072906.D	1	06/13/25 08:05	06/13/25 11:55	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.3	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	209		3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		30 (32) - 150 (175)	120%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-170-SB03	SDG No.:	Q2303
Lab Sample ID:	Q2303-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072907.D	1	06/13/25 08:05	06/13/25 12:11	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.3	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.3	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.3	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.3	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.3	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.3	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.3	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.3	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6		30 (32) - 150 (144)	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		30 (32) - 150 (175)	108%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q2303

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP072163.D	PIBLK-PP072163.D	Tetrachloro-m-xylene	1	20	16.3	82		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	16.7	84		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	16.6	83		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.0	85		70 (60)	130 (140)
I.BLK-PP072903.D	PIBLK-PP072903.D	Tetrachloro-m-xylene	1	20	19.4	97		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	20.3	102		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.8	104		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.6	118		70 (60)	130 (140)
PB168459BL	PB168459BL	Tetrachloro-m-xylene	1	20	19.9	100		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.7	104		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.1	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	25.4	127		30 (32)	150 (175)
PB168459BS	PB168459BS	Tetrachloro-m-xylene	1	20	20.0	100		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.5	108		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.0	100		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	25.3	126		30 (32)	150 (175)
Q2303-01	B-165-SB01	Tetrachloro-m-xylene	1	20	19.4	97		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.1	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.3	107		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	24.0	120		30 (32)	150 (175)
Q2303-02	B-170-SB03	Tetrachloro-m-xylene	1	20	18.5	93		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	18.1	91		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.6	113		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.6	108		30 (32)	150 (175)
Q2305-01MS	TR-04-06122025MS	Tetrachloro-m-xylene	1	20	16.5	83		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.0	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.6	98		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	24.0	120		30 (32)	150 (175)
Q2305-01MSD	TR-04-06122025MSD	Tetrachloro-m-xylene	1	20	19.2	96		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.6	88		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.1	105		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.2	111		30 (32)	150 (175)
I.BLK-PP072918.D	PIBLK-PP072918.D	Tetrachloro-m-xylene	1	20	18.8	94		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.9	90		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.4	102		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.7	113		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2303 **Analytical Method:** 8082A

Client: Portal Partners Tri-Venture **DataFile :** PP072911.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**TR-04-06122025MS**											
Q2305-01MS (Column 1)	AR1016	169.6	0	118	ug/kg	70				40 (55)	140 (146)	
	AR1260	169.6	0	113	ug/kg	67				40 (54)	140 (119)	
Client Sample ID:	**TR-04-06122025MS**											
Q2305-01MS (Column 2)	AR1016	169.6	0	132	ug/kg	78				40 (55)	140 (146)	
	AR1260	169.6	0	130	ug/kg	77				40 (54)	140 (119)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2303 **Analytical Method:** 8082A

Client: Portal Partners Tri-Venture **DataFile :** PP072912.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**TR-04-06122025MSD**											
Q2305-01MSD (Column 1)	AR1016	169.4	0	123	ug/kg	73		4		40 (55)	140 (146)	30 (15)
	AR1260	169.4	0	104	ug/kg	61		9		40 (54)	140 (119)	30 (15)
Client Sample ID:	**TR-04-06122025MSD**											
Q2305-01MSD (Column 2)	AR1016	169.4	0	133	ug/kg	79		1		40 (55)	140 (146)	30 (15)
	AR1260	169.4	0	125	ug/kg	74		4		40 (54)	140 (119)	30 (15)

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2303 **Analytical Method:** 8082A

Client: Portal Partners Tri-Venture **Datafile :** PP072905.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168459BS (Column 1)	AR1016	166.5	128	ug/kg	77				40 (71)	140 (120)	
	AR1260	166.5	126	ug/kg	76				40 (65)	140 (130)	
PB168459BS (Column 2)	AR1016	166.5	135	ug/kg	81				40 (71)	140 (120)	
	AR1260	166.5	150	ug/kg	90				40 (65)	140 (130)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168459BL

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: PB168459BL Lab File ID: PP072904.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 06/13/2025

Date Analyzed (1): 06/13/2025 Date Analyzed (2): 06/13/2025

Time Analyzed (1): 11:22 Time Analyzed (2): 11:22

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168459BS	PB168459BS	PP072905.D	06/13/2025	06/13/2025
B-165-SB01	Q2303-01	PP072906.D	06/13/2025	06/13/2025
B-170-SB03	Q2303-02	PP072907.D	06/13/2025	06/13/2025
TR-04-06122025MS	Q2305-01MS	PP072911.D	06/13/2025	06/13/2025
TR-04-06122025MSD	Q2305-01MSD	PP072912.D	06/13/2025	06/13/2025

COMMENTS:

QC SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168459BL	SDG No.:	Q2303
Lab Sample ID:	PB168459BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072904.D	1	06/13/25 08:05	06/13/25 11:22	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		30 (32) - 150 (144)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.4		30 (32) - 150 (175)	127%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/19/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	05/19/25
Client Sample ID:	PIBLK-PP072163.D	SDG No.:	Q2303
Lab Sample ID:	I.BLK-PP072163.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072163.D	1		05/19/25	PP051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		70 (60) - 130 (140)	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		70 (60) - 130 (140)	84%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/13/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/13/25
Client Sample ID:	PIBLK-PP072903.D	SDG No.:	Q2303
Lab Sample ID:	I.BLK-PP072903.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072903.D	1		06/13/25	PP061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		70 (60) - 130 (140)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		70 (60) - 130 (140)	102%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/13/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/13/25
Client Sample ID:	PIBLK-PP072918.D	SDG No.:	Q2303
Lab Sample ID:	I.BLK-PP072918.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072918.D	1		06/13/25	pp061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		70 (60) - 130 (140)	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		70 (60) - 130 (140)	90%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168459BS	SDG No.:	Q2303
Lab Sample ID:	PB168459BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072905.D	1	06/13/25 08:05	06/13/25 11:39	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	135		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	150		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3		30 (32) - 150 (175)	126%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/12/25
Client Sample ID:	TR-04-06122025MS	SDG No.:	Q2303
Lab Sample ID:	Q2305-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	98.2 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072911.D	1	06/13/25 08:05	06/13/25 13:16	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	132		4.00	17.3	ug/kg
11104-28-2	Aroclor-1221	4.10	U	4.10	17.3	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.3	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.3	ug/kg
12672-29-6	Aroclor-1248	6.00	U	6.00	17.3	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.3	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	17.3	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.3	ug/kg
11096-82-5	Aroclor-1260	130		3.30	17.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		30 (32) - 150 (144)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		30 (32) - 150 (175)	120%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/12/25
Client Sample ID:	TR-04-06122025MSD	SDG No.:	Q2303
Lab Sample ID:	Q2305-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	98.2 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072912.D	1	06/13/25 08:05	06/13/25 13:33	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	133		4.00	17.3	ug/kg
11104-28-2	Aroclor-1221	4.10	U	4.10	17.3	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.3	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.3	ug/kg
12672-29-6	Aroclor-1248	6.00	U	6.00	17.3	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.3	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	17.3	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.3	ug/kg
11096-82-5	Aroclor-1260	125		3.30	17.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		30 (32) - 150 (144)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		30 (32) - 150 (175)	111%	SPK: 20

Comments:

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CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Instrument ID: ECD_P **Calibration Date(s):** 05/19/2025 05/19/2025

Calibration Times: 09:42 18:25

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP072164.D RT 750 = PP072165.D

RT 500 = PP072166.D RT 250 = PP072167.D RT 050 = PP072168.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.65	5.65	5.65	5.66	5.65	5.65	5.55	5.75
Aroclor-1016-2	(2)	5.68	5.67	5.67	5.68	5.67	5.67	5.57	5.77
Aroclor-1016-3	(3)	5.74	5.74	5.74	5.74	5.73	5.74	5.64	5.84
Aroclor-1016-4	(4)	5.84	5.83	5.83	5.84	5.83	5.83	5.73	5.93
Aroclor-1016-5	(5)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1260-1	(1)	7.25	7.25	7.25	7.25	7.25	7.25	7.15	7.35
Aroclor-1260-2	(2)	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Aroclor-1260-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1260-4	(4)	8.09	8.08	8.09	8.09	8.08	8.09	7.99	8.19
Aroclor-1260-5	(5)	8.40	8.40	8.40	8.41	8.40	8.40	8.30	8.50
Decachlorobiphenyl		10.21	10.21	10.21	10.21	10.21	10.21	10.11	10.31
Tetrachloro-m-xylene		4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1232-1	(1)	4.86	4.86	4.86	4.87	4.86	4.86	4.76	4.96
Aroclor-1232-2	(2)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Aroclor-1232-3	(3)	5.68	5.68	5.68	5.68	5.67	5.68	5.58	5.78
Aroclor-1232-4	(4)	5.84	5.84	5.84	5.84	5.83	5.84	5.74	5.94
Aroclor-1232-5	(5)	5.93	5.93	5.93	5.93	5.92	5.93	5.83	6.03
Decachlorobiphenyl		10.21	10.22	10.21	10.22	10.21	10.21	10.11	10.31
Tetrachloro-m-xylene		4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1242-1	(1)	5.66	5.66	5.66	5.65	5.65	5.66	5.56	5.76
Aroclor-1242-2	(2)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1242-3	(3)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1242-4	(4)	5.84	5.84	5.84	5.84	5.84	5.84	5.74	5.94
Aroclor-1242-5	(5)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Decachlorobiphenyl		10.22	10.22	10.22	10.21	10.22	10.22	10.12	10.32
Tetrachloro-m-xylene		4.50	4.50	4.51	4.50	4.50	4.50	4.40	4.60
Aroclor-1248-1	(1)	5.66	5.66	5.66	5.66	5.65	5.66	5.56	5.76
Aroclor-1248-2	(2)	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
Aroclor-1248-3	(3)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1248-4	(4)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1248-5	(5)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Decachlorobiphenyl		10.22	10.21	10.22	10.22	10.21	10.22	10.12	10.32
Tetrachloro-m-xylene		4.51	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1254-1	(1)	6.51	6.51	6.51	6.51	6.51	6.51	6.41	6.61
Aroclor-1254-2	(2)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Aroclor-1254-3	(3)	7.09	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Aroclor-1254-4	(4)	7.37	7.37	7.37	7.37	7.37	7.37	7.27	7.47
Aroclor-1254-5	(5)	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl		10.22	10.22	10.22	10.22	10.22	10.22	10.12	10.32
Tetrachloro-m-xylene		4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1268-1	(1)	8.72	8.72	8.72	8.72	8.72	8.72	8.62	8.82
Aroclor-1268-2	(2)	8.81	8.82	8.81	8.81	8.81	8.81	8.71	8.91
Aroclor-1268-3	(3)	9.04	9.05	9.04	9.04	9.05	9.04	8.94	9.14
Aroclor-1268-4	(4)	9.46	9.46	9.46	9.46	9.46	9.46	9.36	9.56
Aroclor-1268-5	(5)	9.88	9.88	9.88	9.88	9.88	9.88	9.78	9.98
Decachlorobiphenyl		10.22	10.22	10.22	10.21	10.22	10.22	10.12	10.32
Tetrachloro-m-xylene		4.50	4.51	4.50	4.50	4.50	4.50	4.40	4.60

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Instrument ID: ECD_P **Calibration Date(s):** 05/19/2025 05/19/2025

Calibration Times: 09:42 18:25

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP072164.D RT 750 = PP072165.D

RT 500 = PP072166.D RT 250 = PP072167.D RT 050 = PP072168.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.90	4.89	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1016-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1016-4	(4)	5.11	5.11	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.36	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Aroclor-1260-3	(3)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1260-4	(4)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Aroclor-1260-5	(5)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1232-1	(1)	4.17	4.17	4.17	4.17	4.17	4.17	4.07	4.27
Aroclor-1232-2	(2)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1232-3	(3)	5.07	5.08	5.08	5.07	5.08	5.08	4.98	5.18
Aroclor-1232-4	(4)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1232-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.90	4.90	4.90	4.90	4.90	4.90	4.80	5.00
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.69	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.82	8.83	8.73	8.93
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Aroclor-1248-3	(3)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.82	8.83	8.73	8.93
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1254-4	(4)	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Aroclor-1254-5	(5)	6.88	6.88	6.88	6.88	6.88	6.88	6.78	6.98

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-2	(2)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Aroclor-1268-3	(3)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Aroclor-1268-4	(4)	8.27	8.27	8.27	8.27	8.27	8.27	8.17	8.37
Aroclor-1268-5	(5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl		8.83	8.83	8.83	8.82	8.82	8.83	8.73	8.93
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Instrument ID: ECD_P **Calibration Date(s):** 05/19/2025 05/19/2025

Calibration Times: 09:42 18:25

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PP072164.D **CF 750 =** PP072165.D

CF 500 = PP072166.D **CF 250 =** PP072167.D **CF 050 =** PP072168.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	66878491	69828851	76010044	83211968	79488900	75083651	9
Aroclor-1016-2	(2)	99468528	104467549	110518222	118579572	101924480	106991670	7
Aroclor-1016-3	(3)	61412187	64234915	67714060	73550892	60912680	65564947	8
Aroclor-1016-4	(4)	50363803	53404009	55311866	58220708	49049560	53269989	7
Aroclor-1016-5	(5)	45437165	47941741	49914606	51189784	50062640	48909187	5
Aroclor-1260-1	(1)	85553757	90346417	93957158	98060904	100055640	93594775	6
Aroclor-1260-2	(2)	135650987	137755076	143609204	149400496	151032820	143489717	5
Aroclor-1260-3	(3)	109042220	112821207	117388622	121236852	108865120	113870804	5
Aroclor-1260-4	(4)	102101329	107107725	110940768	114591832	101771400	107302611	5
Aroclor-1260-5	(5)	228876095	233706888	240834266	249937120	229956720	236662218	4
Decachlorobiphenyl		1538266220	1617591187	1654764640	1712186920	1622812600	1629124313	4
Tetrachloro-m-xylene		1944699760	2026562000	2072807240	2135906680	1874026800	2010800496	5
Aroclor-1232-1	(1)	44075653	45896815	48002922	48247276	49319600	47108453	4
Aroclor-1232-2	(2)	21717379	22928696	23244388	23029808	25495660	23283186	6
Aroclor-1232-3	(3)	46772523	50148184	51844656	54382920	47167260	50063109	6
Aroclor-1232-4	(4)	23238504	24146713	24804390	26183196	27122440	25099049	6
Aroclor-1232-5	(5)	15752983	16470224	16442412	18109320	20822780	17519544	12
Decachlorobiphenyl		1545279190	1600827560	1672901480	1703701720	1499866000	1604515190	5
Tetrachloro-m-xylene		1886122400	2000973440	2054641840	2122290120	1923172600	1997440080	5
Aroclor-1242-1	(1)	56211553	57323072	62083360	65843868	71524840	62597339	10
Aroclor-1242-2	(2)	82973080	85971496	91883334	97584776	75486540	86779845	10
Aroclor-1242-3	(3)	51559127	52121972	55496172	57080948	59071260	55065896	6
Aroclor-1242-4	(4)	41207603	43030657	45948576	46781836	44776460	44349026	5
Aroclor-1242-5	(5)	47977894	48696228	50879554	52435600	54934800	50984815	6
Decachlorobiphenyl		1526214180	1567133680	1645977640	1728993240	1487418400	1591147428	6
Tetrachloro-m-xylene		1827808490	1928927520	1991275140	2114690400	1713029600	1915146230	8
Aroclor-1248-1	(1)	44038397	47472432	47912646	51445364	51108500	48395468	6
Aroclor-1248-2	(2)	56984732	59400859	61165396	63476680	62172680	60640069	4
Aroclor-1248-3	(3)	64677132	65813748	68767932	70638012	61003720	66180109	6
Aroclor-1248-4	(4)	81606824	85304428	88412180	92196600	89440360	87392078	5
Aroclor-1248-5	(5)	77587697	81003728	83211240	86851844	86474060	83025714	5
Decachlorobiphenyl		1573368300	1599269360	1663196880	1714969280	1478724200	1605905604	6
Tetrachloro-m-xylene		1880240370	1909383627	1990709860	2112434560	1856348600	1949823403	5
Aroclor-1254-1	(1)	79792123	82783284	86922424	91684028	88834440	86003260	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	120142096	124850076	131105324	134547092	142741880	130677294	7
Aroclor-1254-3	(3)	124307316	127832729	133782854	136984312	137108200	132003082	4
Aroclor-1254-4	(4)	116304358	118550812	124418220	136069712	157210520	130510724	13
Aroclor-1254-5	(5)	107938622	112056604	116315218	117138120	102784720	111246657	5
Decachlorobiphenyl		1576500070	1614032093	1688035380	1708021160	1475084400	1612334621	6
Tetrachloro-m-xylene		1869066560	1948875347	2032435420	2069900400	1617536400	1907562825	9
Aroclor-1268-1	(1)	315692357	322966827	337626016	351356792	338115380	333151474	4
Aroclor-1268-2	(2)	265886956	272371317	285215132	296487980	279979560	279988189	4
Aroclor-1268-3	(3)	227961300	235081659	247250176	255747588	241284760	241465097	4
Aroclor-1268-4	(4)	101392203	104765767	107968348	108360296	102254740	104948271	3
Aroclor-1268-5	(5)	651541042	667177075	686960040	706355632	672967440	677000246	3
Decachlorobiphenyl		2733685450	2815599213	2937966700	3038738360	2636754200	2832548785	6
Tetrachloro-m-xylene		1849618000	1900065360	1995699220	2054630680	1744336400	1908869932	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Instrument ID: ECD_P **Calibration Date(s):** 05/19/2025 05/19/2025

Calibration Times: 09:42 18:25

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 1000 =** PP072164.D **CF 750 =** PP072165.D

CF 500 = PP072166.D **CF 250 =** PP072167.D **CF 050 =** PP072168.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	54525663	58849481	59632288	64515432	69624760	61429525	9
Aroclor-1016-2	(2)	79772717	86154421	85288758	92453296	95277560	87789350	7
Aroclor-1016-3	(3)	42641318	46352395	47330430	50989192	50959120	47654491	7
Aroclor-1016-4	(4)	33654246	36754908	37811202	41521120	40485160	38045327	8
Aroclor-1016-5	(5)	43791070	47744144	49105368	53701332	54780200	49824423	9
Aroclor-1260-1	(1)	72244144	75307759	80373306	84844232	85999160	79753720	7
Aroclor-1260-2	(2)	87664004	90365408	98490088	104924488	125666920	101422182	15
Aroclor-1260-3	(3)	79909091	81326363	88937536	92494016	91844780	86902357	7
Aroclor-1260-4	(4)	64349922	67685321	72647720	77711116	78060640	72090944	8
Aroclor-1260-5	(5)	161315528	166937577	177635780	187517596	174713540	173624004	6
Decachlorobiphenyl		920208980	1044964960	1093136160	1163579000	1071118200	1058601460	8
Tetrachloro-m-xylene		1547649930	1584243107	1593704220	1639561360	1626633000	1598358323	2
Aroclor-1232-1	(1)	37616932	40592059	45290150	47667724	45555860	43344545	9
Aroclor-1232-2	(2)	39358353	42024527	44532022	47402620	47585980	44180700	8
Aroclor-1232-3	(3)	20796080	22347549	23808552	25172964	24790340	23383097	8
Aroclor-1232-4	(4)	17897124	19415229	20680720	21689292	23918420	20720157	11
Aroclor-1232-5	(5)	19472370	21237964	22534450	24219412	28307940	23154427	15
Decachlorobiphenyl		991061470	1069964400	1120483020	1147415120	1151969600	1096178722	6
Tetrachloro-m-xylene		1503650850	1560846907	1685979140	1671096560	1578260800	1599966851	5
Aroclor-1242-1	(1)	46123670	49902476	52843000	57237560	54435320	52108405	8
Aroclor-1242-2	(2)	66003789	71039361	75471286	80940564	74026140	73496228	8
Aroclor-1242-3	(3)	34394227	38777200	41064482	44714476	36677280	39125533	10
Aroclor-1242-4	(4)	32146418	36854119	38826456	43192656	36894340	37582798	11
Aroclor-1242-5	(5)	41776015	46613400	48754570	54226988	49917340	48257663	9
Decachlorobiphenyl		967171680	1074707920	1046164720	1163123680	1078294400	1065892480	7
Tetrachloro-m-xylene		1545621850	1670448987	1600956100	1623877080	1377345600	1563649923	7
Aroclor-1248-1	(1)	38942472	38080832	42980810	46736940	49867020	43321615	12
Aroclor-1248-2	(2)	50685144	49386624	55814958	61079164	65420760	56477330	12
Aroclor-1248-3	(3)	53612101	51937139	58301874	64007240	67677000	59107071	11
Aroclor-1248-4	(4)	63542852	61081784	68799052	75621092	79219440	69652844	11
Aroclor-1248-5	(5)	63751699	62374025	69241268	74501112	78829180	69739457	10
Decachlorobiphenyl		1077930460	1066864453	1129616840	1218519160	1187538600	1136093903	6
Tetrachloro-m-xylene		1585370290	1544149787	1686359520	1807980440	1717995000	1668371007	6
Aroclor-1254-1	(1)	88394708	92134828	103452628	109580892	106208260	99954263	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	75158218	78808232	90151838	93786952	93629340	86306916	10
Aroclor-1254-3	(3)	118588697	123091027	137573488	140955076	122895140	128620686	8
Aroclor-1254-4	(4)	76184182	79817879	90049888	92363636	88066400	85296397	8
Aroclor-1254-5	(5)	103321222	111630831	120507404	120857332	110441220	113351602	7
Decachlorobiphenyl		1048618240	1081081133	1110321040	1211638680	1138223000	1117976419	6
Tetrachloro-m-xylene		1515554540	1677026120	1758978840	1703246040	1394379800	1609837068	9
Aroclor-1268-1	(1)	212587803	222334836	235771254	243664628	256729280	234217560	7
Aroclor-1268-2	(2)	188526781	196925783	208389682	217661736	222594360	206819668	7
Aroclor-1268-3	(3)	155195263	161035703	174669460	176674312	179279020	169370752	6
Aroclor-1268-4	(4)	67370219	71019111	74855072	76562592	74977520	72956903	5
Aroclor-1268-5	(5)	431064337	442819956	457037218	461770552	492119380	456962289	5
Decachlorobiphenyl		1753973260	1820277787	1902401960	1966032280	2130248600	1914586777	8
Tetrachloro-m-xylene		1581658390	1604094987	1649636500	1662342440	1498230000	1599192463	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Instrument ID: ECD_P **Date(s) Analyzed:** 05/19/2025 05/19/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.70	4.60	4.80	25133000
		2	4.79	4.69	4.89	17981400
		3	4.86	4.76	4.96	58509600
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	8.09	7.99	8.19	133245000
		2	8.41	8.31	8.51	272386000
		3	8.72	8.62	8.82	185530000
		4	8.81	8.71	8.91	134281000
		5	9.46	9.36	9.56	92460600

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Instrument ID: ECD_P **Date(s) Analyzed:** 05/19/2025 05/19/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.01	3.91	4.11	23124400
		2	4.09	3.99	4.19	17698400
		3	4.17	4.07	4.27	52270400
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	6.92	6.82	7.02	113028000
		2	7.18	7.08	7.28	97127000
		3	7.70	7.60	7.80	81531200
		4	7.77	7.67	7.87	140624000
		5	8.27	8.17	8.37	65083800

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Continuing Calib Date: 06/13/2025 **Initial Calibration Date(s):** 05/19/2025 05/19/2025

Continuing Calib Time: 09:44 **Initial Calibration Time(s):** 09:42 18:25

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.00
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.24	7.25	7.15	7.35	0.01
Aroclor-1260-2	(2)	7.49	7.50	7.40	7.60	0.01
Aroclor-1260-3	(3)	7.85	7.86	7.76	7.96	0.01
Aroclor-1260-4	(4)	8.07	8.09	7.99	8.19	0.02
Aroclor-1260-5	(5)	8.39	8.40	8.30	8.50	0.01
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.19	10.21	10.11	10.31	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Continuing Calib Date: 06/13/2025 **Initial Calibration Date(s):** 05/19/2025 05/19/2025

Continuing Calib Time: 09:44 **Initial Calibration Time(s):** 09:42 18:25

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.69	6.71	6.61	6.81	0.02
Aroclor-1260-4	(4)	7.16	7.18	7.08	7.28	0.02
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.82	8.72	8.92	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/19/2025 05/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP072898.D **Time Analyzed:** 09:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.648	5.552	5.752	433.430	500.000	-13.3
Aroclor-1016-2	5.669	5.574	5.774	480.470	500.000	-3.9
Aroclor-1016-3	5.731	5.636	5.836	475.320	500.000	-4.9
Aroclor-1016-4	5.829	5.734	5.934	490.530	500.000	-1.9
Aroclor-1016-5	6.121	6.027	6.227	488.970	500.000	-2.2
Aroclor-1260-1	7.239	7.147	7.347	476.790	500.000	-4.6
Aroclor-1260-2	7.492	7.401	7.601	459.490	500.000	-8.1
Aroclor-1260-3	7.850	7.760	7.960	479.490	500.000	-4.1
Aroclor-1260-4	8.074	7.985	8.185	477.040	500.000	-4.6
Aroclor-1260-5	8.393	8.303	8.503	502.580	500.000	0.5
Decachlorobiphenyl	10.191	10.113	10.313	53.180	50.000	6.4
Tetrachloro-m-xylene	4.496	4.396	4.596	50.560	50.000	1.1

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/19/2025 05/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP072898.D **Time Analyzed:** 09:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.870	4.777	4.977	527.350	500.000	5.5
Aroclor-1016-2	4.888	4.795	4.995	537.000	500.000	7.4
Aroclor-1016-3	5.065	4.973	5.173	534.350	500.000	6.9
Aroclor-1016-4	5.106	5.015	5.215	541.100	500.000	8.2
Aroclor-1016-5	5.320	5.229	5.429	560.140	500.000	12.0
Aroclor-1260-1	6.352	6.264	6.464	543.650	500.000	8.7
Aroclor-1260-2	6.540	6.453	6.653	519.640	500.000	3.9
Aroclor-1260-3	6.692	6.606	6.806	541.410	500.000	8.3
Aroclor-1260-4	7.163	7.077	7.277	544.390	500.000	8.9
Aroclor-1260-5	7.405	7.319	7.519	549.520	500.000	9.9
Decachlorobiphenyl	8.802	8.723	8.923	60.430	50.000	20.9
Tetrachloro-m-xylene	3.790	3.691	3.891	53.970	50.000	7.9

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Continuing Calib Date: 06/13/2025 **Initial Calibration Date(s):** 05/19/2025 05/19/2025

Continuing Calib Time: 14:48 **Initial Calibration Time(s):** 09:42 18:25

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.00
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.24	7.25	7.15	7.35	0.01
Aroclor-1260-2	(2)	7.49	7.50	7.40	7.60	0.01
Aroclor-1260-3	(3)	7.85	7.86	7.76	7.96	0.01
Aroclor-1260-4	(4)	8.07	8.09	7.99	8.19	0.02
Aroclor-1260-5	(5)	8.39	8.40	8.30	8.50	0.01
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.19	10.21	10.11	10.31	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Continuing Calib Date: 06/13/2025 **Initial Calibration Date(s):** 05/19/2025 05/19/2025

Continuing Calib Time: 14:48 **Initial Calibration Time(s):** 09:42 18:25

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.69	6.71	6.61	6.81	0.02
Aroclor-1260-4	(4)	7.16	7.18	7.08	7.28	0.02
Aroclor-1260-5	(5)	7.40	7.42	7.32	7.52	0.02
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.82	8.72	8.92	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 05/19/2025 05/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP072914.D **Time Analyzed:** 14:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.648	5.552	5.752	421.180	500.000	-15.8
Aroclor-1016-2	5.670	5.574	5.774	442.270	500.000	-11.5
Aroclor-1016-3	5.732	5.636	5.836	440.440	500.000	-11.9
Aroclor-1016-4	5.829	5.734	5.934	458.080	500.000	-8.4
Aroclor-1016-5	6.121	6.027	6.227	455.740	500.000	-8.9
Aroclor-1260-1	7.238	7.147	7.347	424.190	500.000	-15.2
Aroclor-1260-2	7.492	7.401	7.601	406.910	500.000	-18.6
Aroclor-1260-3	7.850	7.760	7.960	419.380	500.000	-16.1
Aroclor-1260-4	8.073	7.985	8.185	409.950	500.000	-18.0
Aroclor-1260-5	8.391	8.303	8.503	432.570	500.000	-13.5
Decachlorobiphenyl	10.189	10.113	10.313	46.160	50.000	-7.7
Tetrachloro-m-xylene	4.497	4.396	4.596	48.930	50.000	-2.1

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 05/19/2025 05/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/13/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP072914.D **Time Analyzed:** 14:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.870	4.777	4.977	511.970	500.000	2.4
Aroclor-1016-2	4.889	4.795	4.995	521.930	500.000	4.4
Aroclor-1016-3	5.065	4.973	5.173	527.470	500.000	5.5
Aroclor-1016-4	5.107	5.015	5.215	526.980	500.000	5.4
Aroclor-1016-5	5.320	5.229	5.429	511.470	500.000	2.3
Aroclor-1260-1	6.352	6.264	6.464	520.920	500.000	4.2
Aroclor-1260-2	6.541	6.453	6.653	487.420	500.000	-2.5
Aroclor-1260-3	6.692	6.606	6.806	502.650	500.000	0.5
Aroclor-1260-4	7.162	7.077	7.277	515.240	500.000	3.0
Aroclor-1260-5	7.404	7.319	7.519	503.750	500.000	0.8
Decachlorobiphenyl	8.800	8.723	8.923	55.070	50.000	10.1
Tetrachloro-m-xylene	3.790	3.691	3.891	52.880	50.000	5.8

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Analytical Sequence

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Project: Amtrak Sawtooth Bridges 2025 **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 05/19/2025 05/19/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	05/19/2025	09:26	PP072163.D	10.21	4.50
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	10.21	4.50
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	10.21	4.50
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	10.21	4.50
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	10.21	4.50
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	10.21	4.50
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	10.21	4.50
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	10.21	4.50
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	10.22	4.50
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	10.21	4.50
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	10.22	4.50
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	10.21	4.50
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	10.22	4.50
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	10.22	4.50
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	10.22	4.51
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	10.21	4.50
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	10.22	4.50
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	10.22	4.51
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	10.21	4.50
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	10.22	4.50
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	10.22	4.50
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	10.21	4.50
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	10.22	4.50
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	10.22	4.50
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	10.22	4.50
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	10.22	4.50
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	10.22	4.50
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	10.22	4.50
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	10.22	4.50
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	10.22	4.51
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	10.22	4.50
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	10.21	4.50
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	10.22	4.50
AR1660CCC500	AR1660CCC500	06/13/2025	09:44	PP072898.D	10.19	4.50
I.BLK	I.BLK	06/13/2025	11:06	PP072903.D	10.19	4.50
PB168459BL	PB168459BL	06/13/2025	11:22	PP072904.D	10.19	4.50
PB168459BS	PB168459BS	06/13/2025	11:39	PP072905.D	10.19	4.50
B-165-SB01	Q2303-01	06/13/2025	11:55	PP072906.D	10.19	4.49
B-170-SB03	Q2303-02	06/13/2025	12:11	PP072907.D	10.19	4.50
TR-04-06122025MS	Q2305-01MS	06/13/2025	13:16	PP072911.D	10.19	4.50
TR-04-06122025MSD	Q2305-01MSD	06/13/2025	13:33	PP072912.D	10.19	4.50
AR1660CCC500	AR1660CCC500	06/13/2025	14:48	PP072914.D	10.19	4.50

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Analytical Sequence

I.BLK	I.BLK	06/13/2025	15:54	PP072918.D	10.19	4.50

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Analytical Sequence

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Project: Amtrak Sawtooth Bridges 2025 **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 05/19/2025 05/19/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	05/19/2025	09:26	PP072163.D	8.82	3.79
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	8.82	3.79
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	8.82	3.79
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	8.82	3.79
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	8.82	3.79
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	8.82	3.79
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	8.82	3.79
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	8.82	3.80
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	8.82	3.80
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	8.82	3.80
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	8.82	3.80
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	8.83	3.80
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	8.83	3.80
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	8.83	3.80
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	8.83	3.80
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	8.83	3.80
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	8.83	3.80
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	8.83	3.80
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	8.83	3.80
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	8.83	3.80
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	8.83	3.80
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	8.83	3.80
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	8.83	3.80
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	8.83	3.80
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	8.83	3.80
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	8.83	3.80
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	8.83	3.80
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	8.82	3.80
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	8.82	3.80
AR1660CCC500	AR1660CCC500	06/13/2025	09:44	PP072898.D	8.80	3.79
I.BLK	I.BLK	06/13/2025	11:06	PP072903.D	8.80	3.79
PB168459BL	PB168459BL	06/13/2025	11:22	PP072904.D	8.80	3.79
PB168459BS	PB168459BS	06/13/2025	11:39	PP072905.D	8.80	3.79
B-165-SB01	Q2303-01	06/13/2025	11:55	PP072906.D	8.80	3.79
B-170-SB03	Q2303-02	06/13/2025	12:11	PP072907.D	8.80	3.79
TR-04-06122025MS	Q2305-01MS	06/13/2025	13:16	PP072911.D	8.80	3.79
TR-04-06122025MSD	Q2305-01MSD	06/13/2025	13:33	PP072912.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/13/2025	14:48	PP072914.D	8.80	3.79

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

I.BLK	I.BLK	06/13/2025	15:54	PP072918.D	8.80	3.79

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168459BS

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: PB168459BS Date(s) Analyzed: 06/13/2025 06/13/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP072905.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.649	5.599	5.699	118		
	2	5.67	5.62	5.72	131		
	3	5.732	5.682	5.782	128		
COLUMN 1	4	5.83	5.78	5.88	133		
	5	6.122	6.072	6.172	127	128	
	1	4.872	4.822	4.922	134		
	2	4.89	4.84	4.94	138		
	3	5.066	5.016	5.116	136		
	4	5.108	5.058	5.158	136		
COLUMN 2	5	5.322	5.272	5.372	132	135	5.32
Aroclor-1260	1	7.239	7.189	7.289	135		
	2	7.493	7.443	7.543	133		
	3	7.85	7.8	7.9	115		
COLUMN 1	4	8.074	8.024	8.124	125		
	5	8.392	8.342	8.442	124	126	
	1	6.353	6.303	6.403	153		
	2	6.542	6.492	6.592	153		
	3	6.693	6.643	6.743	158		
	4	7.163	7.113	7.213	141		
COLUMN 2	5	7.406	7.356	7.456	144	150	17.39

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

B-165-SB01

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: Q2303-01 Date(s) Analyzed: 06/13/2025 06/13/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP072906.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.494	6.444	6.544	194		
	2	6.711	6.661	6.761	208		
	3	7.073	7.023	7.123	182		
COLUMN 1	4	7.355	7.305	7.405	199		
	5	7.769	7.719	7.819	192	195	
	1	5.674	5.624	5.724	234		
	2	5.821	5.771	5.871	196		
	3	6.223	6.173	6.273	197		
	4	6.451	6.401	6.501	209		
COLUMN 2	5	6.868	6.818	6.918	208	209	6.93

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-06122025MS

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: Q2305-01MS Date(s) Analyzed: 06/13/2025 06/13/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP072911.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.649	5.599	5.699	109		
	2	5.67	5.62	5.72	111		
	3	5.733	5.683	5.783	113		
COLUMN 1	4	5.829	5.779	5.879	143		
	5	6.121	6.071	6.171	112	118	
	1	4.871	4.821	4.921	128		
	2	4.889	4.839	4.939	134		
	3	5.065	5.015	5.115	132		
	4	5.107	5.057	5.157	134		
COLUMN 2	5	5.321	5.271	5.371	131	132	11.2
Aroclor-1260	1	7.239	7.189	7.289	122		
	2	7.492	7.442	7.542	121		
	3	7.851	7.801	7.901	97.7		
COLUMN 1	4	8.074	8.024	8.124	114		
	5	8.393	8.343	8.443	111	113	
	1	6.352	6.302	6.402	138		
	2	6.541	6.491	6.591	129		
	3	6.692	6.642	6.742	140		
	4	7.163	7.113	7.213	121		
COLUMN 2	5	7.405	7.355	7.455	123	130	13.99

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-06122025MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: Q2305-01MSD Date(s) Analyzed: 06/13/2025 06/13/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP072912.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.648	5.598	5.698	107		
	2	5.67	5.62	5.72	114		
	3	5.731	5.681	5.781	113		
COLUMN 1	4	5.829	5.779	5.879	142		
	5	6.12	6.07	6.17	139	123	
	1	4.871	4.821	4.921	135		
	2	4.889	4.839	4.939	136		
	3	5.065	5.015	5.115	133		
	4	5.107	5.057	5.157	135		
COLUMN 2	5	5.321	5.271	5.371	129	133	7.81
Aroclor-1260	1	7.238	7.188	7.288	116		
	2	7.492	7.442	7.542	111		
	3	7.849	7.799	7.899	91.5		
COLUMN 1	4	8.072	8.022	8.122	98.6		
	5	8.392	8.342	8.442	104	104	
	1	6.353	6.303	6.403	135		
	2	6.542	6.492	6.592	125		
	3	6.693	6.643	6.743	133		
	4	7.163	7.113	7.213	114		
COLUMN 2	5	7.405	7.355	7.455	116	125	18.34

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:55
Operator : YP\AJ
Sample : Q2303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:51:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.494	3.791	38980456	34064797	19.386	21.312
2)	SA Decachlor...	10.187	8.802	31047979	25375286	19.058m	23.971m#
	Target Compounds						
26)	L6 AR-1254-1	6.494	5.674	41941782	58709320	487.677m	587.362
27)	L6 AR-1254-2	6.711	5.821	68357929	42603847	523.105	493.632
28)	L6 AR-1254-3	7.073	6.223	60379228	63772747	457.408	495.820
29)	L6 AR-1254-4	7.355	6.451	65433479	44890144	501.365	526.284
30)	L6 AR-1254-5	7.769	6.868	53680353	59269719	482.535m	522.884

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

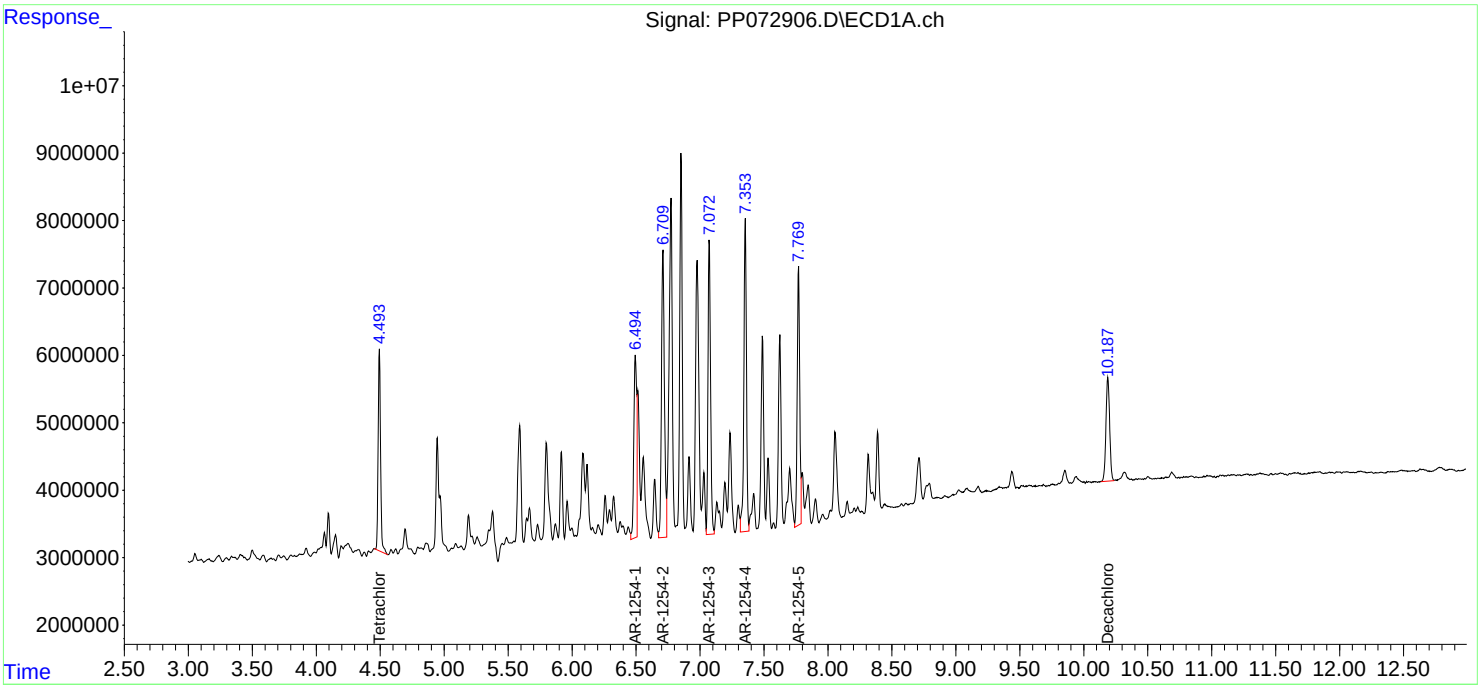
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:55
Operator : YP\AJ
Sample : Q2303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

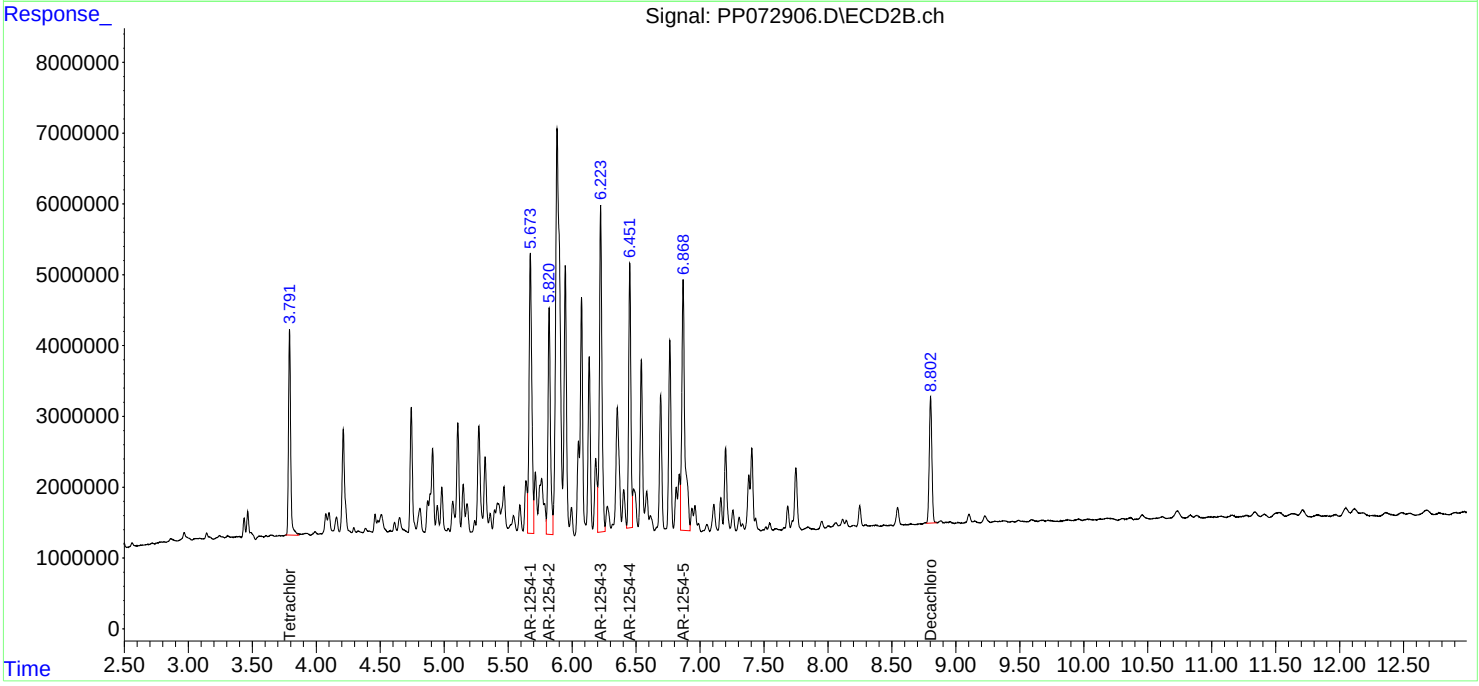
Instrument :
ECD_P
ClientSampleId :
B-165-SB01

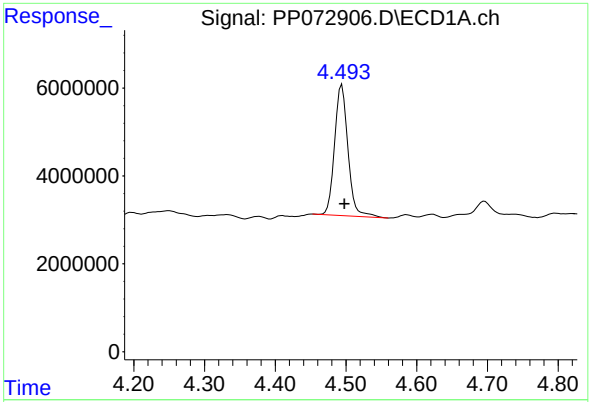
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:51:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







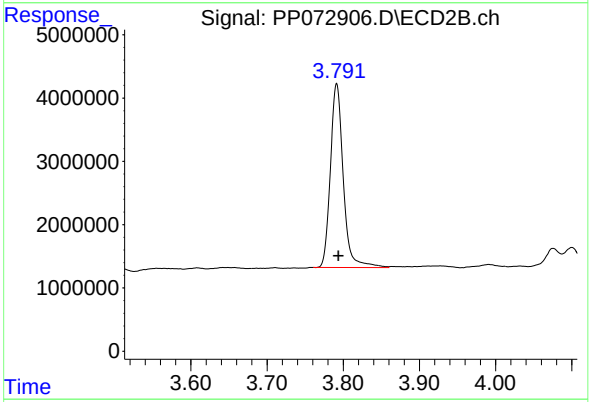
#1 Tetrachloro-m-xylene

R.T.: 4.494 min
Delta R.T.: -0.004 min
Response: 38980456
Conc: 19.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

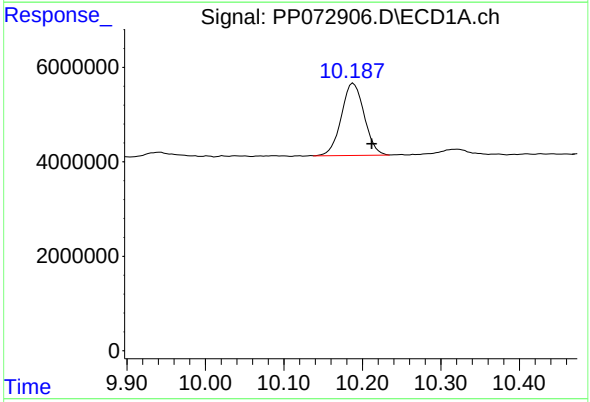
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



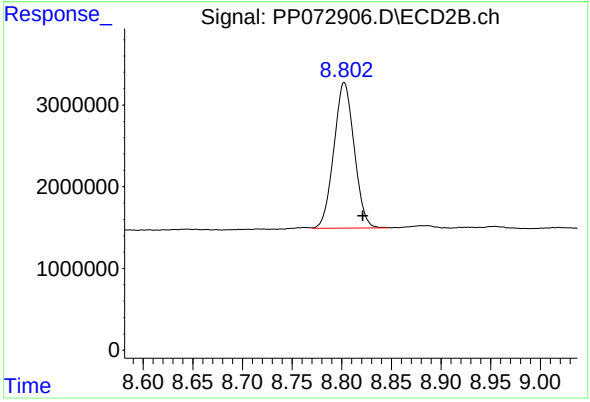
#1 Tetrachloro-m-xylene

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 34064797
Conc: 21.31 ng/ml



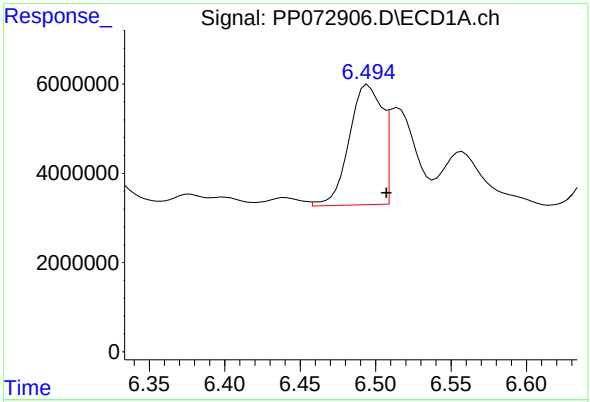
#2 Decachlorobiphenyl

R.T.: 10.187 min
Delta R.T.: -0.025 min
Response: 31047979
Conc: 19.06 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.802 min
Delta R.T.: -0.019 min
Response: 25375286
Conc: 23.97 ng/ml m



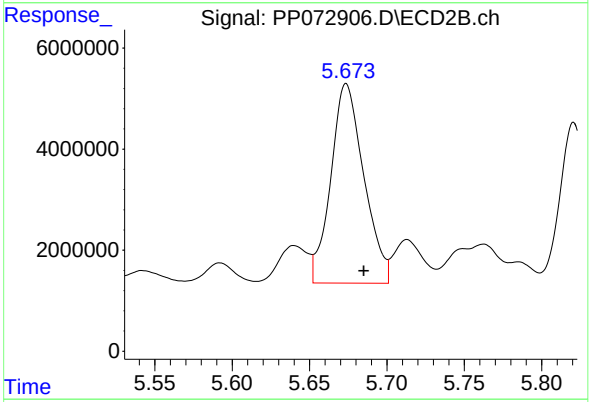
#26 AR-1254-1

R.T.: 6.494 min
Delta R.T.: -0.014 min
Response: 41941782
Conc: 487.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

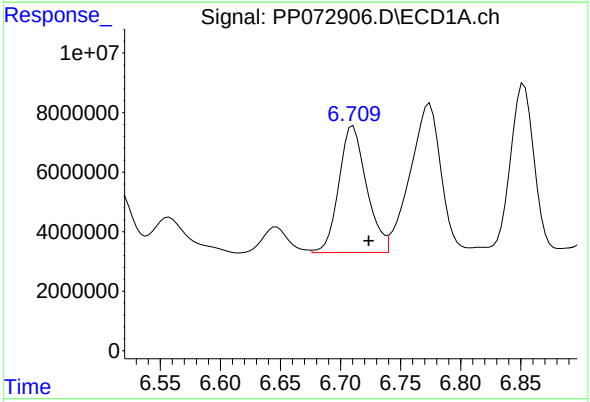
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



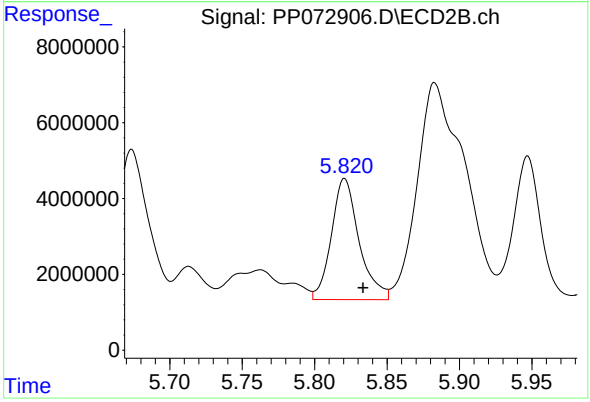
#26 AR-1254-1

R.T.: 5.674 min
Delta R.T.: -0.011 min
Response: 58709320
Conc: 587.36 ng/ml



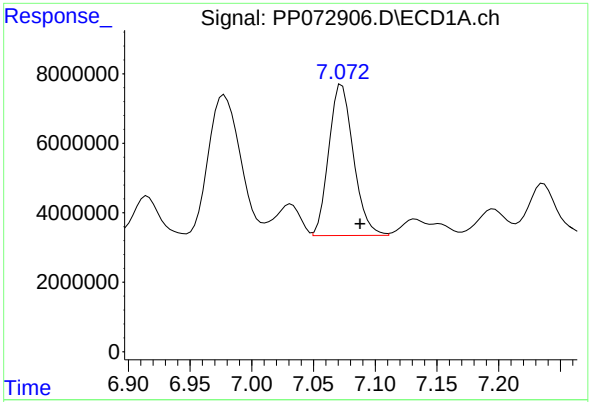
#27 AR-1254-2

R.T.: 6.711 min
Delta R.T.: -0.013 min
Response: 68357929
Conc: 523.10 ng/ml



#27 AR-1254-2

R.T.: 5.821 min
Delta R.T.: -0.013 min
Response: 42603847
Conc: 493.63 ng/ml



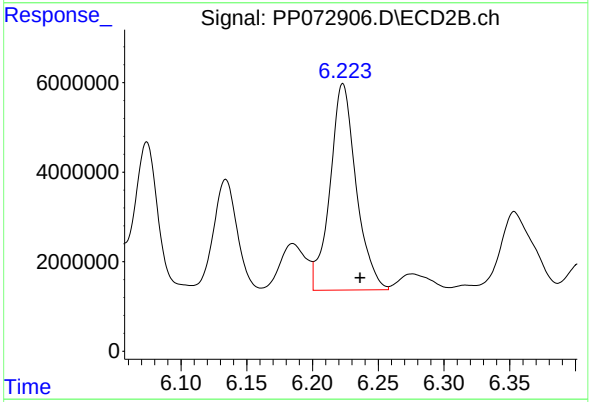
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: -0.015 min
Response: 60379228
Conc: 457.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

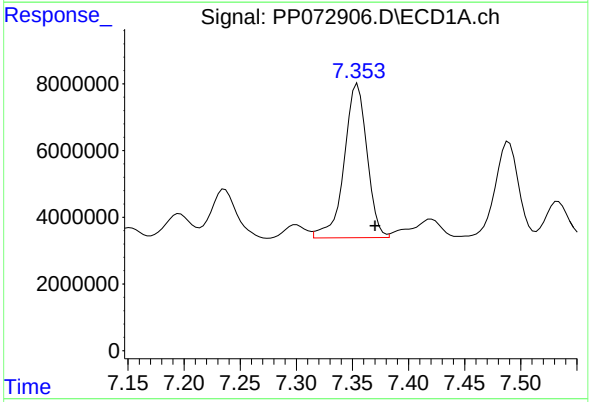
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



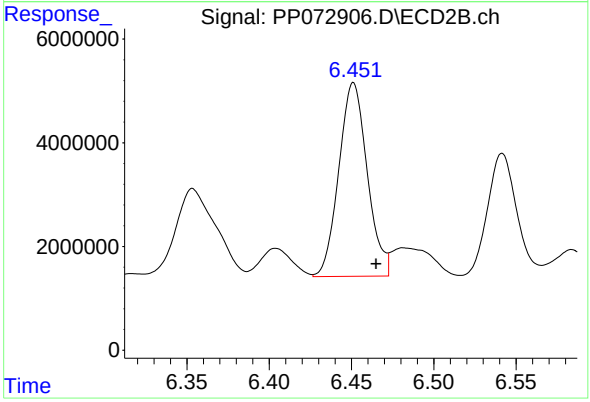
#28 AR-1254-3

R.T.: 6.223 min
Delta R.T.: -0.013 min
Response: 63772747
Conc: 495.82 ng/ml



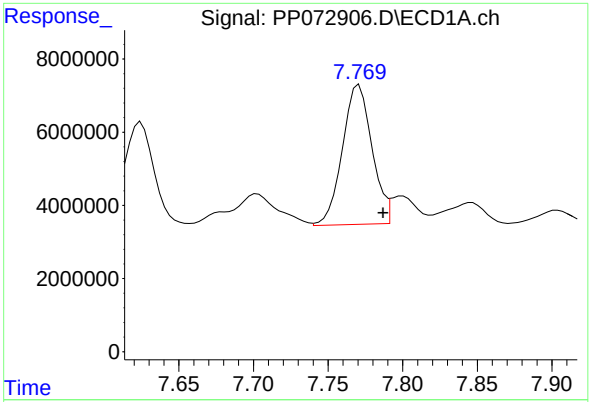
#29 AR-1254-4

R.T.: 7.355 min
Delta R.T.: -0.015 min
Response: 65433479
Conc: 501.36 ng/ml



#29 AR-1254-4

R.T.: 6.451 min
Delta R.T.: -0.014 min
Response: 44890144
Conc: 526.28 ng/ml



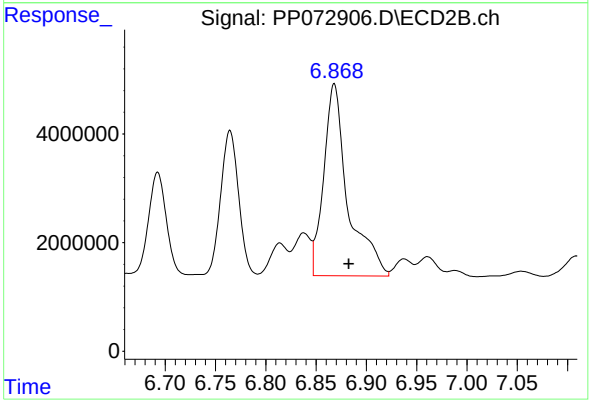
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: -0.017 min
Response: 53680353
Conc: 482.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



#30 AR-1254-5

R.T.: 6.868 min
Delta R.T.: -0.014 min
Response: 59269719
Conc: 522.88 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 12:11
Operator : YP\AJ
Sample : Q2303-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
B-170-SB03

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:51:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.495	3.790	37260199	36113405	18.530m	22.594
2)	SA Decachlor...	10.190	8.801	29569398	22856546	18.150m	21.591m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

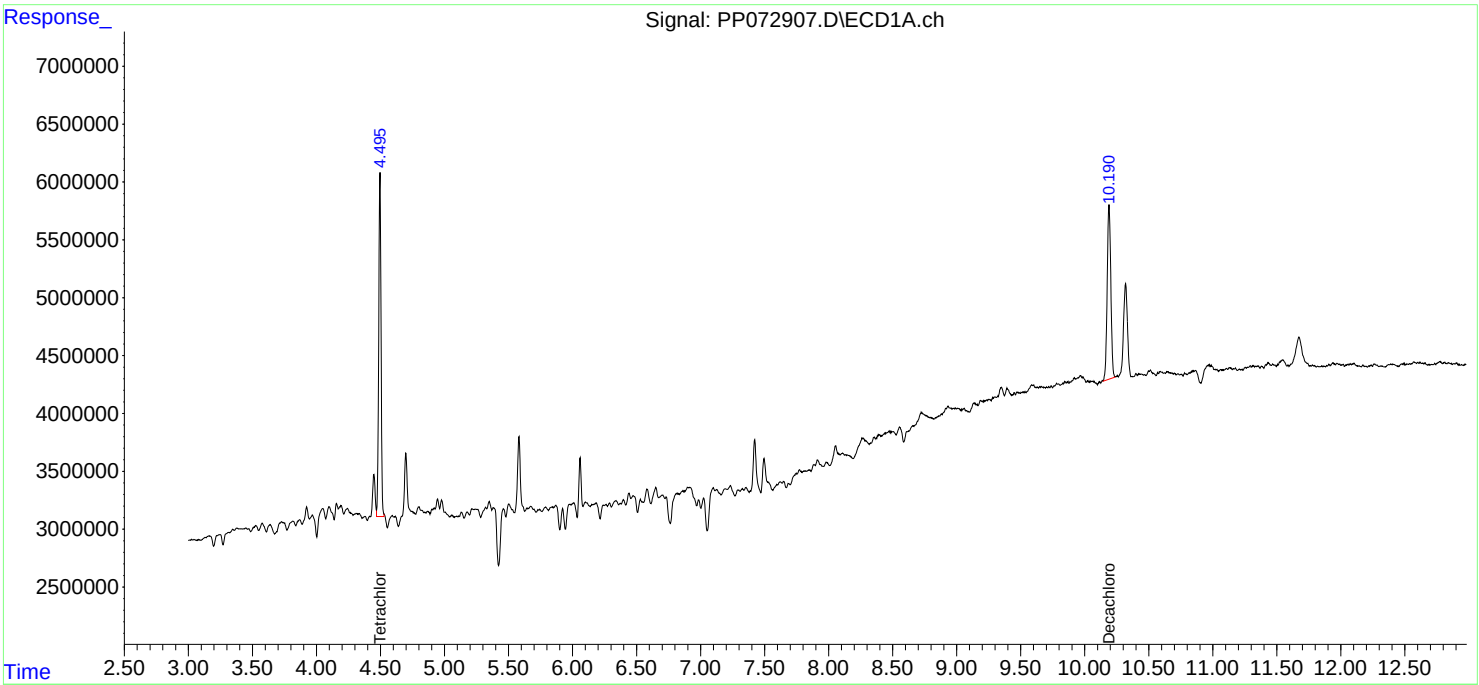
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 12:11
Operator : YP\AJ
Sample : Q2303-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

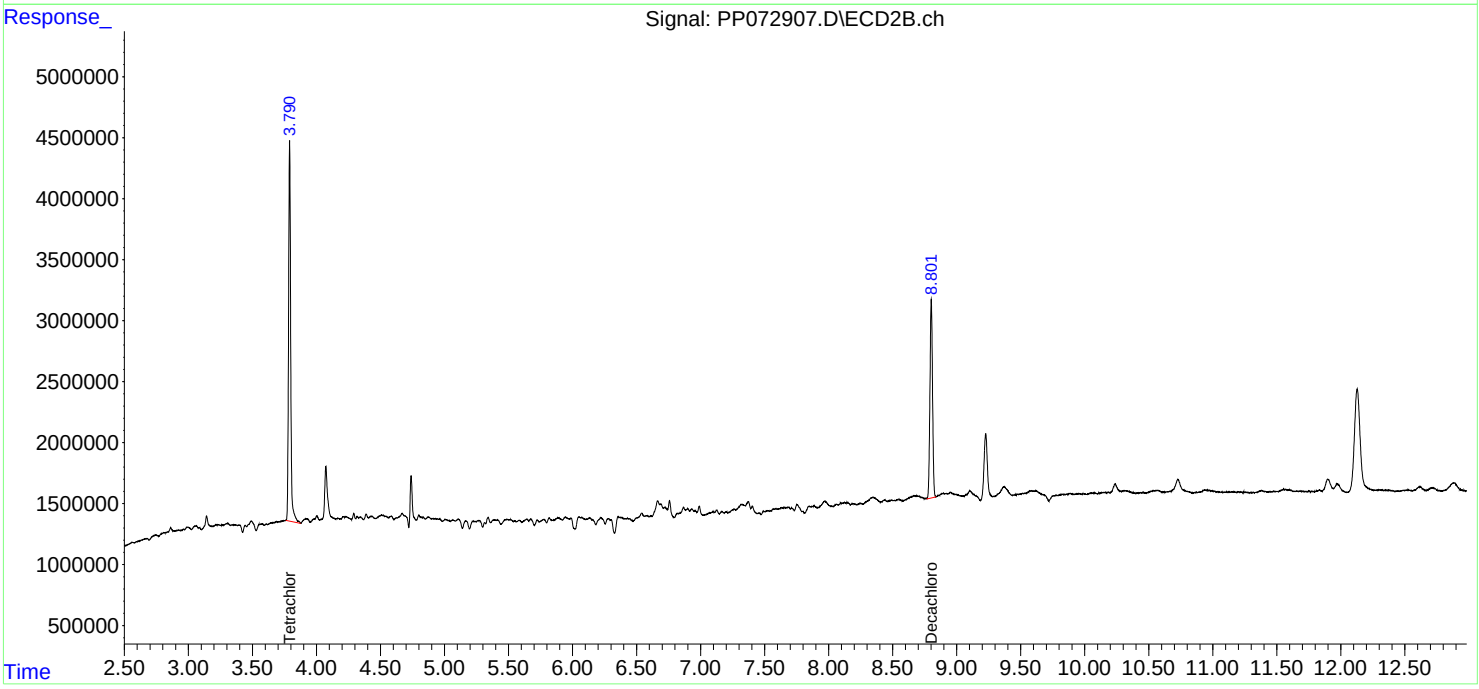
Instrument :
ECD_P
ClientSampleId :
B-170-SB03

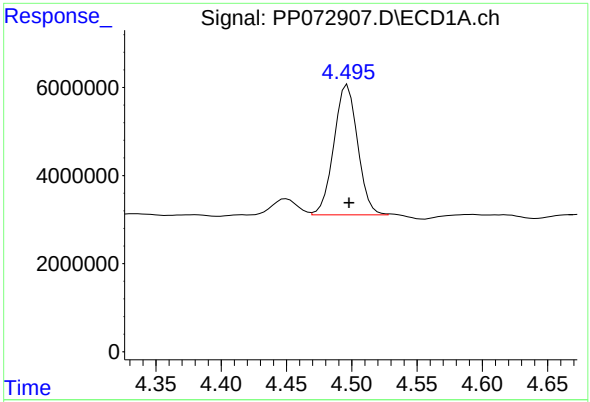
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:51:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







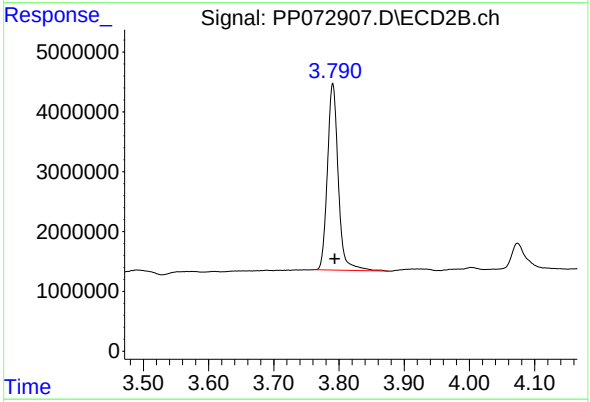
#1 Tetrachloro-m-xylene

R.T.: 4.495 min
Delta R.T.: -0.003 min
Response: 37260199
Conc: 18.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-170-SB03

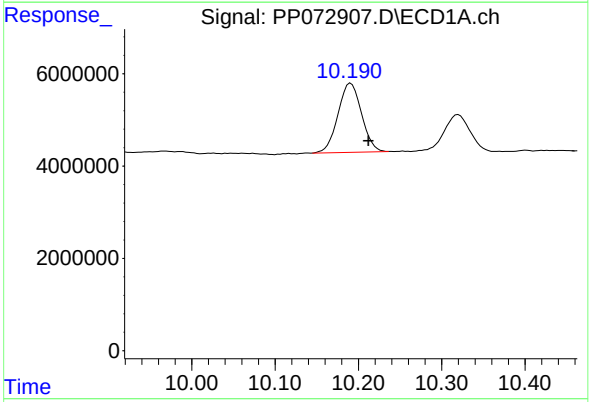
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



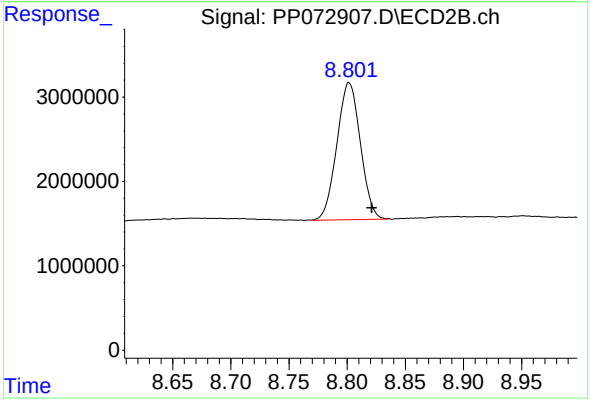
#1 Tetrachloro-m-xylene

R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 36113405
Conc: 22.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.190 min
Delta R.T.: -0.023 min
Response: 29569398
Conc: 18.15 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.801 min
Delta R.T.: -0.020 min
Response: 22856546
Conc: 21.59 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:22
Operator : YP\AJ
Sample : PB168459BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168459BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.497	3.792	40020638	33746247	19.903	21.113
2)	SA Decachlor...	10.190	8.802	33785867	26885290	20.739m	25.397m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

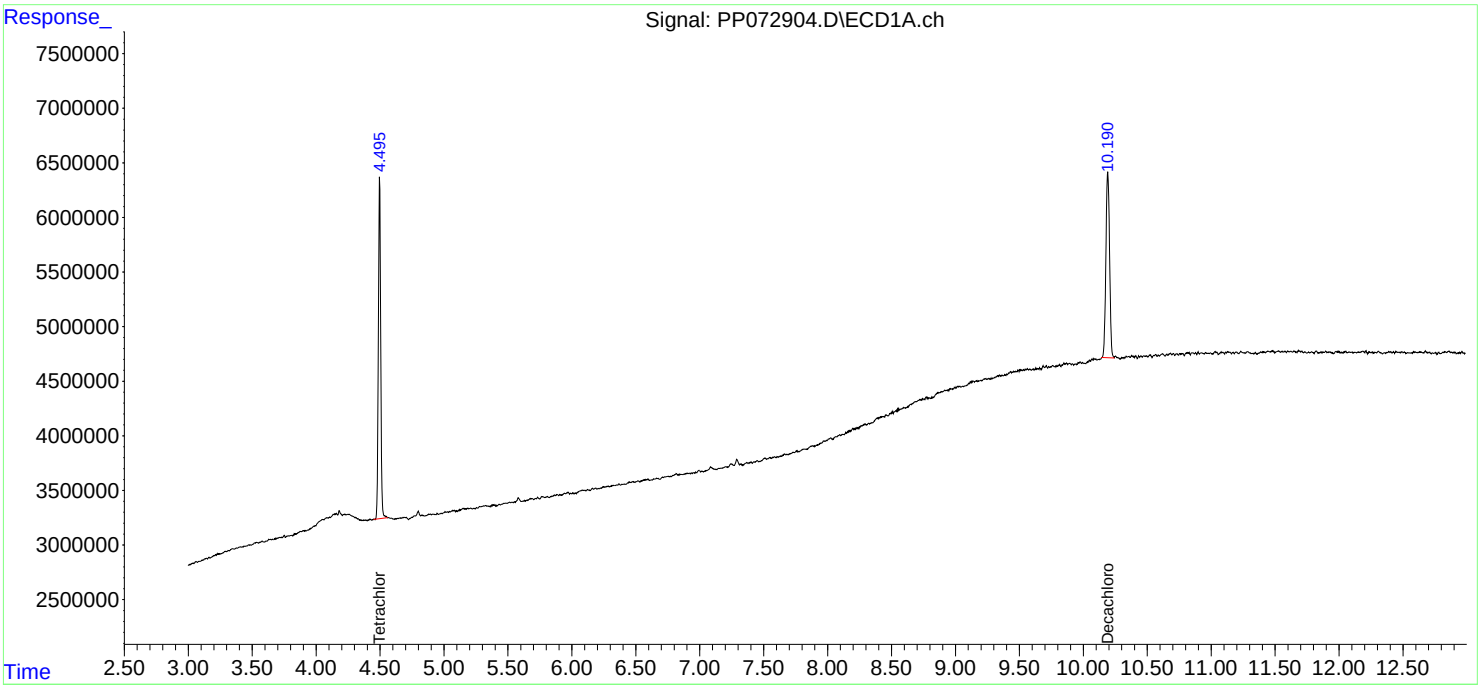
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:22
Operator : YP\AJ
Sample : PB168459BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

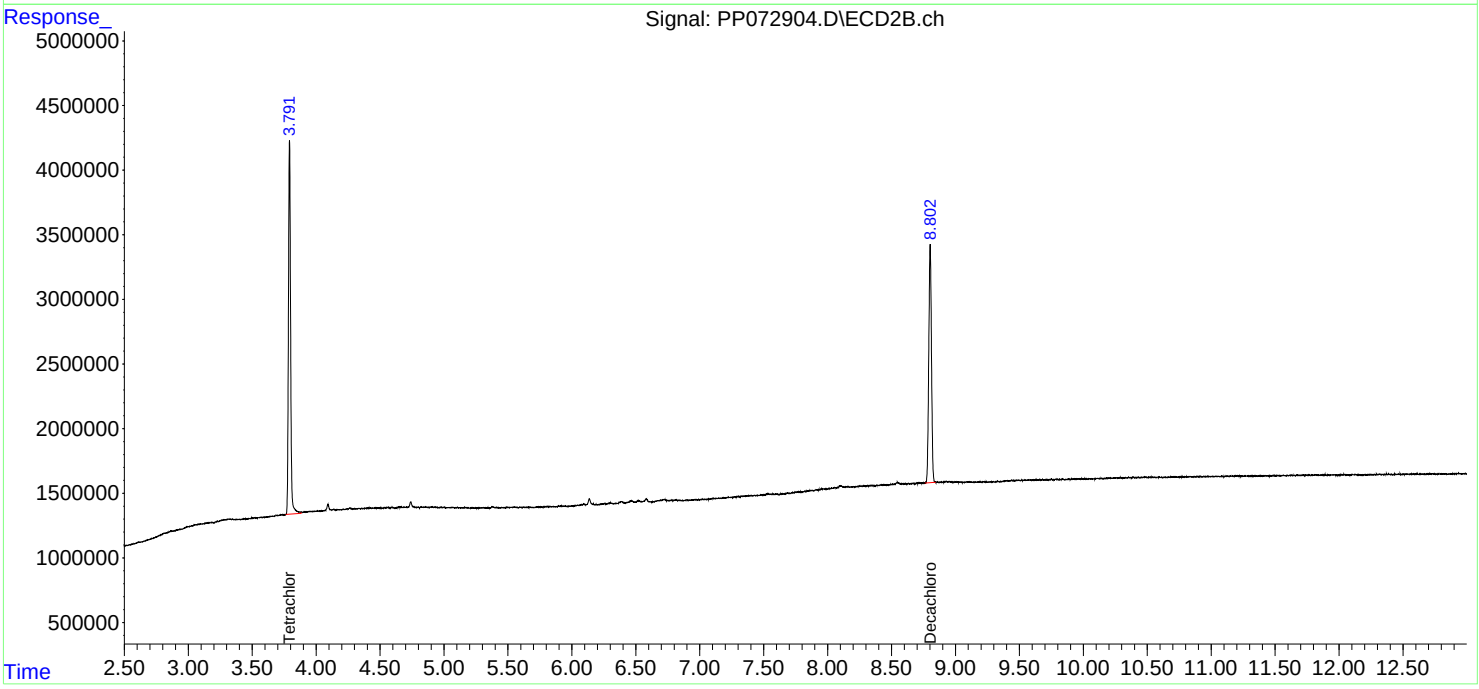
Instrument :
ECD_P
ClientSampleId :
PB168459BL

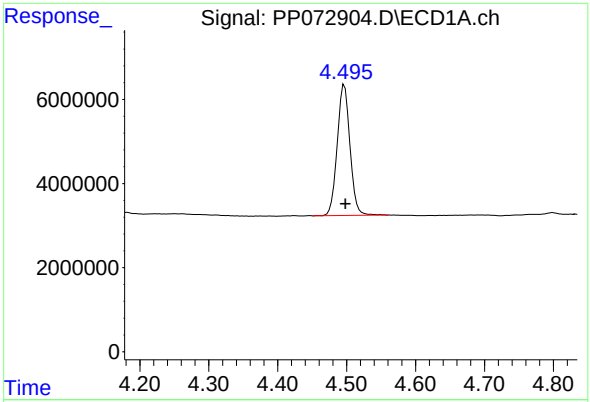
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







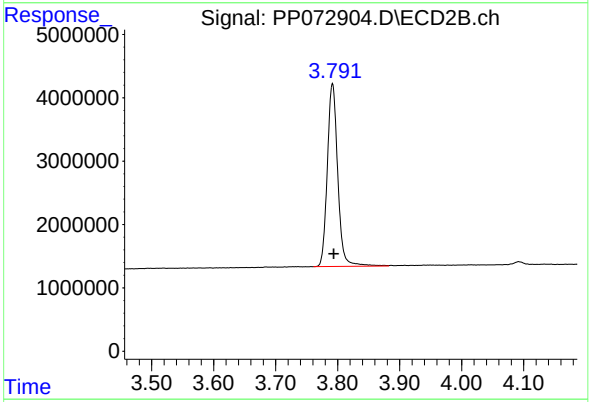
#1 Tetrachloro-m-xylene

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 40020638
Conc: 19.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168459BL

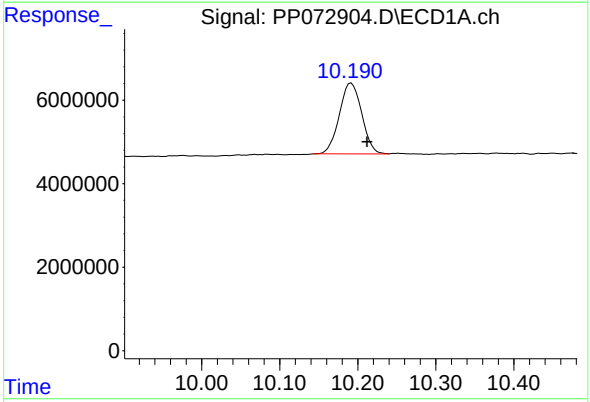
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



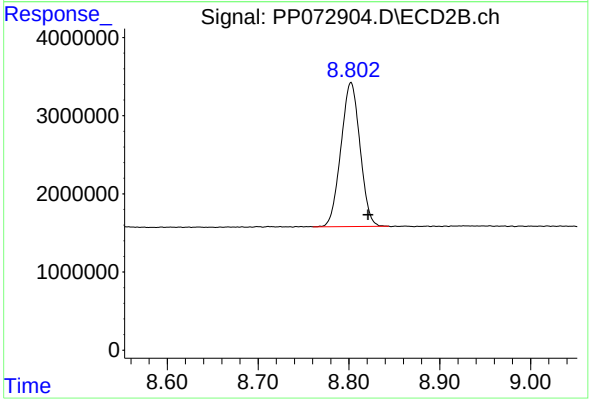
#1 Tetrachloro-m-xylene

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 33746247
Conc: 21.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.190 min
Delta R.T.: -0.022 min
Response: 33785867
Conc: 20.74 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.802 min
Delta R.T.: -0.019 min
Response: 26885290
Conc: 25.40 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:39
Operator : YP\AJ
Sample : PB168459BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168459BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:09:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.498	3.792	40169134	31903952	19.977	19.960
2)	SA Decachlor...	10.190	8.802	35021247	26754384	21.497m	25.273m
	Target Compounds						
3)	L1 AR-1016-1	5.649	4.872	26680767	24789041	355.347	403.536
4)	L1 AR-1016-2	5.670	4.890	41958741	36314017	392.168	413.649
5)	L1 AR-1016-3	5.732	5.066	25171664	19413373	383.920	407.378
6)	L1 AR-1016-4	5.830	5.108	21345981	15484270	400.713	406.995
7)	L1 AR-1016-5	6.122	5.322	18695921	19722797	382.258	395.846
31)	L7 AR-1260-1	7.239	6.353	37913213	36618592	405.078	459.146
32)	L7 AR-1260-2	7.493	6.542	57299372	46492286	399.327	458.404
33)	L7 AR-1260-3	7.850	6.693	39291721	41259896	345.055	474.785m#
34)	L7 AR-1260-4	8.074	7.163	40158502	30609464	374.255	424.595
35)	L7 AR-1260-5	8.392	7.406	88448947	74931980	373.735	431.576

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:39
Operator : YP\AJ
Sample : PB168459BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

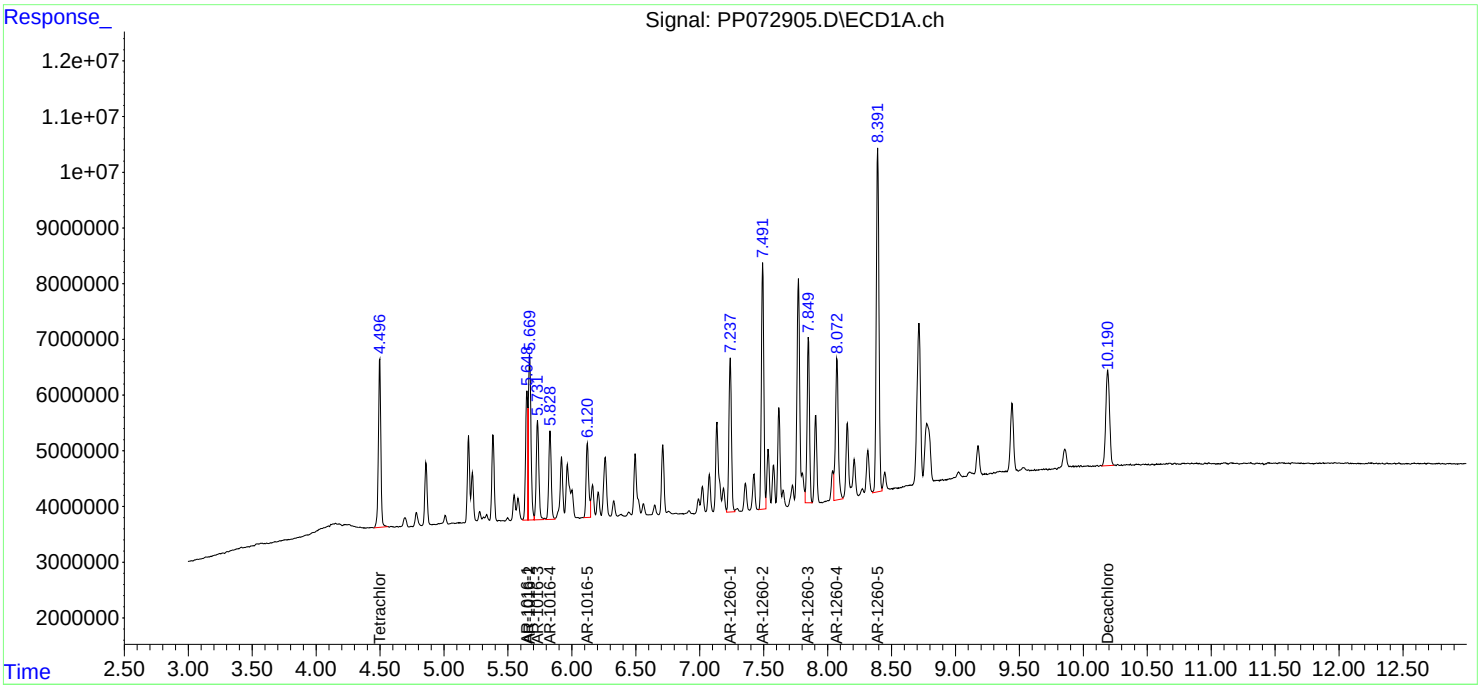
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:09:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

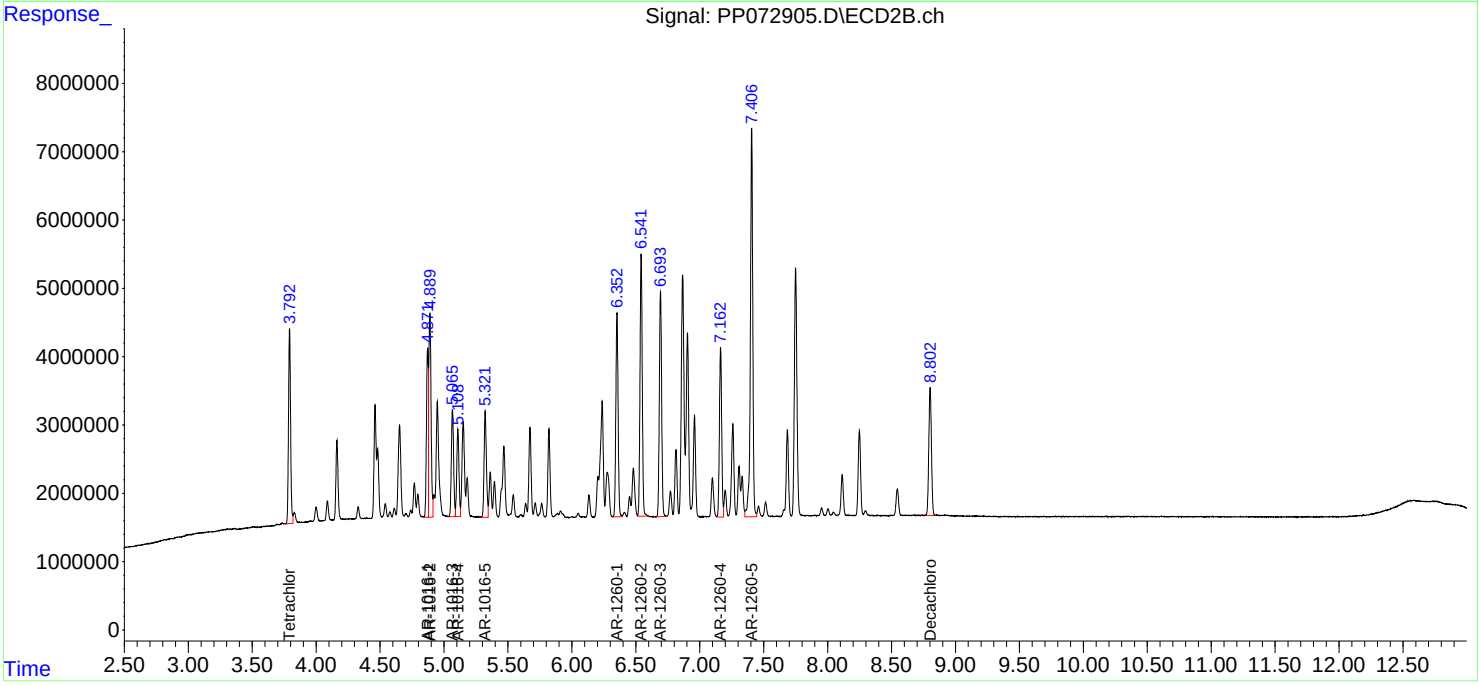
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_P
ClientSampleId :
PB168459BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 13:16
Operator : YP\AJ
Sample : Q2305-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TR-04-06122025MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 15:08:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.496	3.791	33234834	31260874	16.528m	19.558
2)	SA Decachlor...	10.192	8.803	30916738	25429954	18.978m	24.022m#
	Target Compounds						
3)	L1 AR-1016-1	5.649	4.871	24121167	23232465	321.257	378.197
4)	L1 AR-1016-2	5.670	4.889	35134623	34759090	328.387	395.937
5)	L1 AR-1016-3	5.733	5.065	21864376	18552285	333.477	389.308
6)	L1 AR-1016-4	5.829	5.107	22423834	14978581	420.947	393.704
7)	L1 AR-1016-5	6.121	5.321	16211630	19173658	331.464m	384.824
31)	L7 AR-1260-1	7.239	6.352	33593566	32486654	358.926	407.337
32)	L7 AR-1260-2	7.492	6.541	51253106	38595759	357.190	380.546
33)	L7 AR-1260-3	7.851	6.692	32803804	35825236	288.079	412.247m#
34)	L7 AR-1260-4	8.074	7.163	36057354	25712760	336.034	356.671
35)	L7 AR-1260-5	8.393	7.405	77142773	62873730	325.962	362.126

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

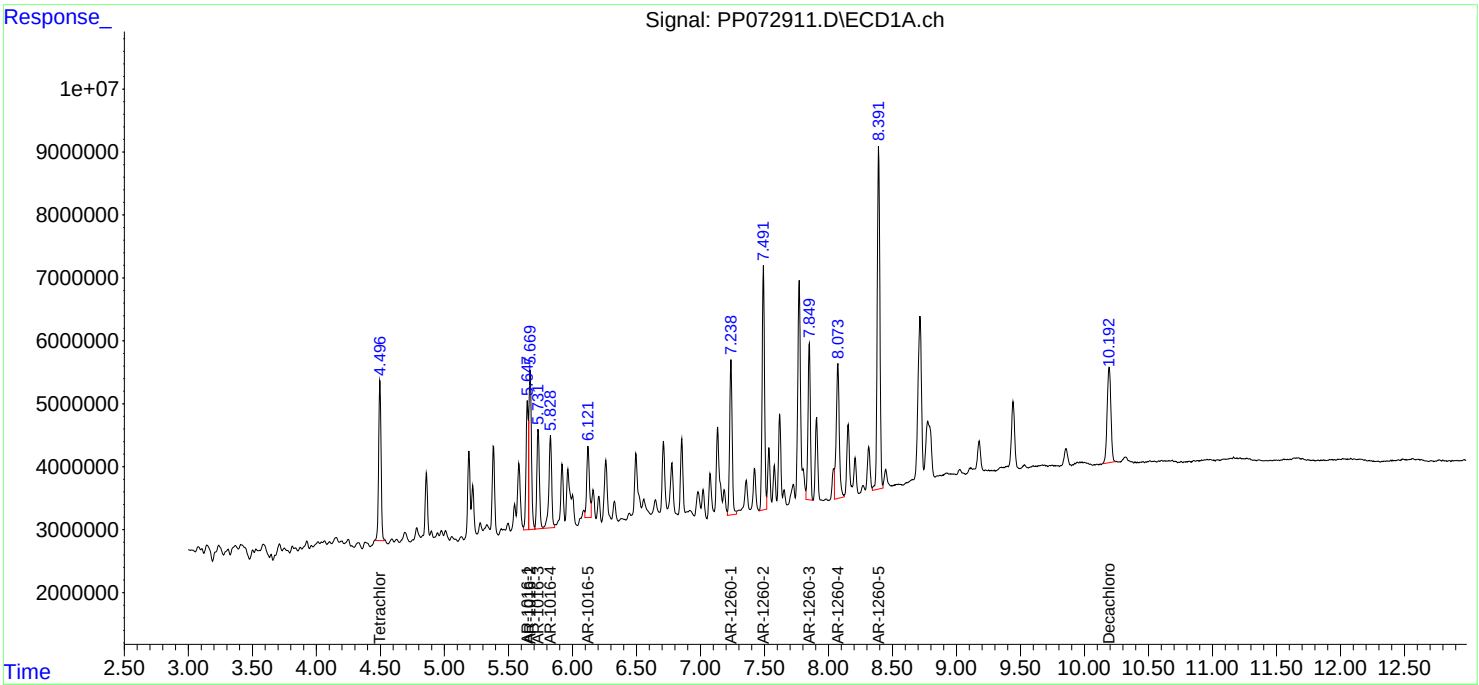
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 13:16
Operator : YP\AJ
Sample : Q2305-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

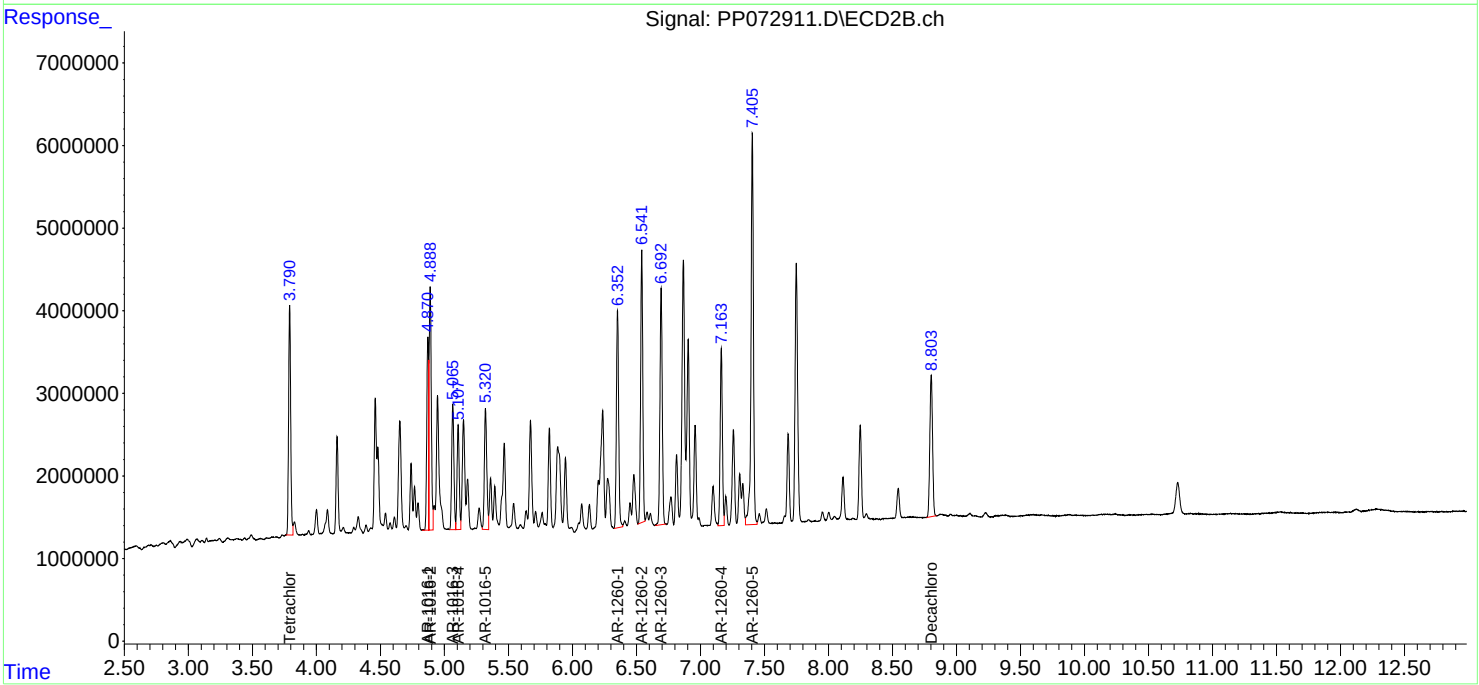
Instrument :
ECD_P
ClientSampleId :
TR-04-06122025MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 15:08:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 13:33
Operator : YP\AJ
Sample : Q2305-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TR-04-06122025MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 15:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.496	3.791	38571068	33642517	19.182	21.048
2)	SA Decachlor...	10.192	8.803	28726646	23458074	17.633m	22.159m#
	Target Compounds						
3)	L1 AR-1016-1	5.648	4.871	23727991	24449219	316.021	398.004 #
4)	L1 AR-1016-2	5.670	4.889	36059409	35231377	337.030	401.317
5)	L1 AR-1016-3	5.731	5.065	21910989	18712170	334.188	392.663
6)	L1 AR-1016-4	5.829	5.107	22267482	15146081	418.012	398.106
7)	L1 AR-1016-5	6.120	5.321	20113007	18927275	411.232m	379.879
31)	L7 AR-1260-1	7.238	6.353	31951789	31831883	341.384	399.127
32)	L7 AR-1260-2	7.492	6.542	47146577	37437875	328.571	369.129
33)	L7 AR-1260-3	7.849	6.693	30755476	34196276	270.091	393.502m#
34)	L7 AR-1260-4	8.072	7.163	31218931	24357595	290.943m	337.873
35)	L7 AR-1260-5	8.392	7.405	72968053	59684207	308.322	343.756

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

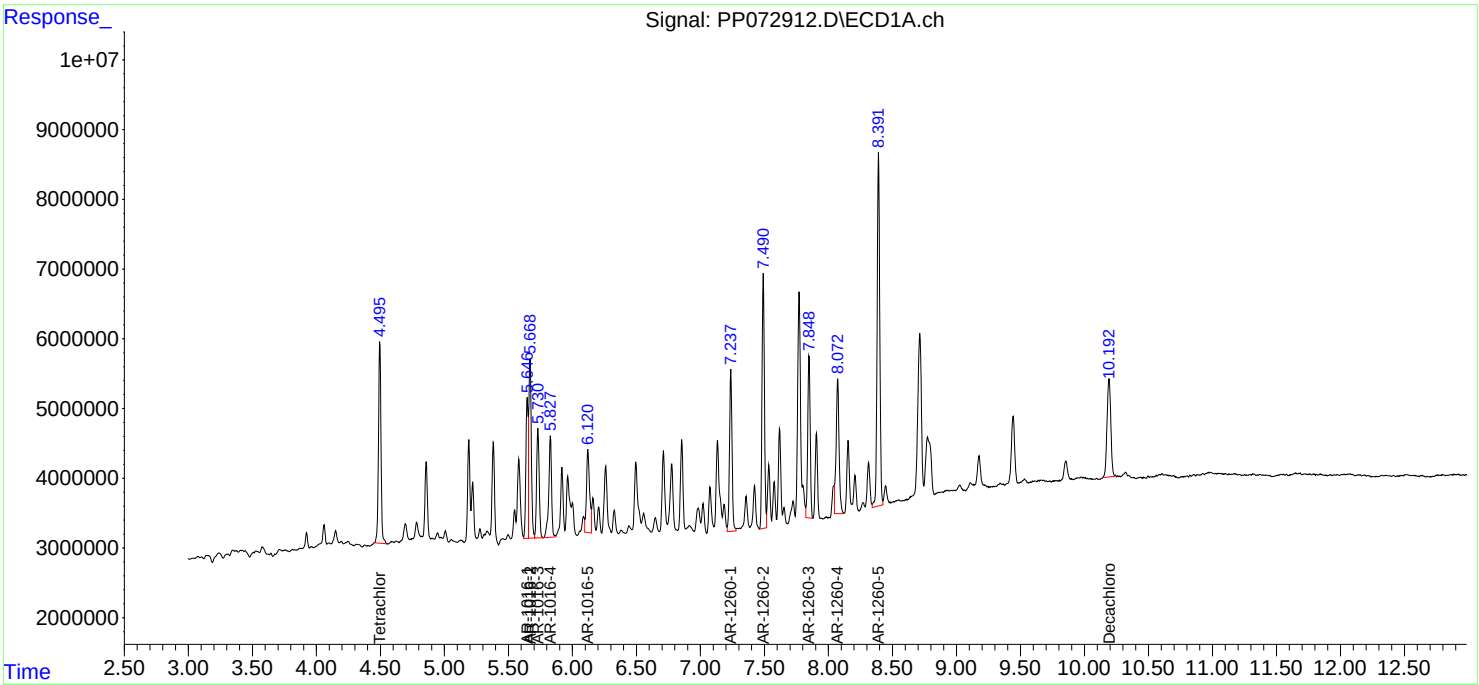
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 13:33
Operator : YP\AJ
Sample : Q2305-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

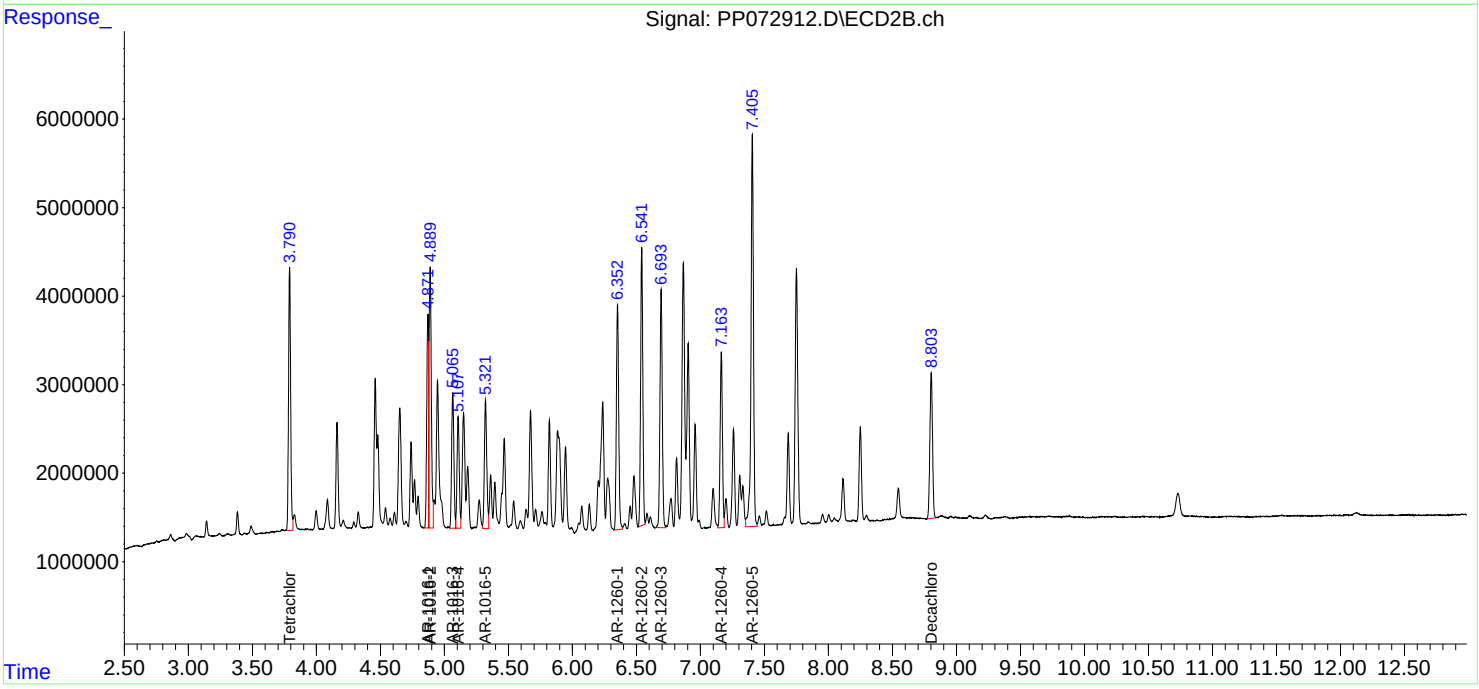
Instrument :
ECD_P
ClientSampleId :
TR-04-06122025MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 15:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





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Manual Integration Report

Sequence:	PP051925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP072168.D	AR-1016-1	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-2	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-3	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-4	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-3	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-4	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-1	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-3	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-4	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5 #2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1248ICC050	PP072184.D	AR-1248-1	yogesh	5/20/2025 7:28:12 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP051925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248ICC050	PP072184.D	AR-1248-4 #2	yogesh	5/20/2025 7:28:12 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-1	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-4	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-4 #2	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	Tetrachloro-m-xylene	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	Tetrachloro-m-xylene #2	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1268ICC050	PP072195.D	AR-1268-1	yogesh	5/20/2025 7:28:15 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1268ICC050	PP072195.D	Tetrachloro-m-xylene	yogesh	5/20/2025 7:28:15 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP072898.D	AR-1260-3 #2	yogesh	6/16/2025 8:15:52 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072898.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:52 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072898.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:52 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072899.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:53 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072899.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:53 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072900.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:56 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072900.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:56 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072901.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:58 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072901.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:58 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1268CCC500	PP072902.D	AR-1268-4	yogesh	6/16/2025 8:16:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1268CCC500	PP072902.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1268CCC500	PP072902.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072903.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:02 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP072903.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:02 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BL	PP072904.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BL	PP072904.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BS	PP072905.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BS	PP072905.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BS	PP072905.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-01	PP072906.D	AR-1254-5	yogesh	6/16/2025 8:16:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-01	PP072906.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-01	PP072906.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-02	PP072907.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-02	PP072907.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-02	PP072907.D	Tetrachloro-m-xylene	yogesh	6/16/2025 8:16:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	AR-1016-5	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2305-01MS	PP072911.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	Tetrachloro-m-xylene	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	AR-1016-5	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	AR-1260-4	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072914.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072914.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072914.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072915.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP072915.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072916.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072916.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072917.D	AR-1254-5	yogesh	6/16/2025 8:16:26 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072917.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:26 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072917.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:26 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072918.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:28 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072918.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:28 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072928.D	AR-1260-3 #2	yogesh	6/16/2025 8:17:34 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072928.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:34 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072928.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:34 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072929.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:36 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072929.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:36 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP072930.D	AR-1248-1	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072930.D	AR-1248-1 #2	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072930.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072930.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072931.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:40 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072931.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:40 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072932.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:42 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072932.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:42 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072943.D	AR-1260-3 #2	yogesh	6/16/2025 8:18:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072943.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072943.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072944.D	AR-1242-1 #2	yogesh	6/16/2025 8:18:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072944.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP072944.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072945.D	AR-1248-1 #2	yogesh	6/16/2025 8:18:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072945.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072945.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	AR-1254-1	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	AR-1254-5	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072947.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072947.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072952.D	AR-1016-5 #2	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072952.D	AR-1260-3 #2	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072952.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP072952.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	AR-1242-1 #2	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	AR-1242-5 #2	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	AR-1248-1	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	AR-1248-1 #2	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	AR-1248-4 #2	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072955.D	AR-1254-4 #2	yogesh	6/16/2025 8:18:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072955.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072955.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP072956.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072956.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM		
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM		
SubDirectory	PP051925	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072162.D	19 May 2025 09:09	YP\AJ	Ok
2	I.BLK	PP072163.D	19 May 2025 09:26	YP\AJ	Ok
3	AR1660ICC1000	PP072164.D	19 May 2025 09:42	YP\AJ	Ok
4	AR1660ICC750	PP072165.D	19 May 2025 09:59	YP\AJ	Ok
5	AR1660ICC500	PP072166.D	19 May 2025 10:15	YP\AJ	Ok
6	AR1660ICC250	PP072167.D	19 May 2025 10:32	YP\AJ	Ok
7	AR1660ICC050	PP072168.D	19 May 2025 10:48	YP\AJ	Ok,M
8	AR1221ICC500	PP072169.D	19 May 2025 11:05	YP\AJ	Ok
9	AR1232ICC1000	PP072170.D	19 May 2025 11:21	YP\AJ	Ok
10	AR1232ICC750	PP072171.D	19 May 2025 11:38	YP\AJ	Ok
11	AR1232ICC500	PP072172.D	19 May 2025 11:54	YP\AJ	Ok
12	AR1232ICC250	PP072173.D	19 May 2025 12:10	YP\AJ	Ok
13	AR1232ICC050	PP072174.D	19 May 2025 12:27	YP\AJ	Ok,M
14	AR1242ICC1000	PP072175.D	19 May 2025 12:43	YP\AJ	Ok
15	AR1242ICC750	PP072176.D	19 May 2025 12:59	YP\AJ	Ok
16	AR1242ICC500	PP072177.D	19 May 2025 13:15	YP\AJ	Ok
17	AR1242ICC250	PP072178.D	19 May 2025 13:32	YP\AJ	Ok
18	AR1242ICC050	PP072179.D	19 May 2025 13:48	YP\AJ	Ok,M
19	AR1248ICC1000	PP072180.D	19 May 2025 14:04	YP\AJ	Ok
20	AR1248ICC750	PP072181.D	19 May 2025 14:20	YP\AJ	Ok
21	AR1248ICC500	PP072182.D	19 May 2025 14:37	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM		
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM		
SubDirectory	PP051925	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1248ICC250	PP072183.D	19 May 2025 14:53	YP\AJ	Ok
23	AR1248ICC050	PP072184.D	19 May 2025 15:25	YP\AJ	Ok,M
24	AR1254ICC1000	PP072185.D	19 May 2025 15:42	YP\AJ	Ok
25	AR1254ICC750	PP072186.D	19 May 2025 15:58	YP\AJ	Ok
26	AR1254ICC500	PP072187.D	19 May 2025 16:14	YP\AJ	Ok
27	AR1254ICC250	PP072188.D	19 May 2025 16:31	YP\AJ	Ok
28	AR1254ICC050	PP072189.D	19 May 2025 16:47	YP\AJ	Ok,M
29	AR1262ICC500	PP072190.D	19 May 2025 17:03	YP\AJ	Ok
30	AR1268ICC1000	PP072191.D	19 May 2025 17:20	YP\AJ	Ok
31	AR1268ICC750	PP072192.D	19 May 2025 17:36	YP\AJ	Ok
32	AR1268ICC500	PP072193.D	19 May 2025 17:53	YP\AJ	Ok
33	AR1268ICC250	PP072194.D	19 May 2025 18:09	YP\AJ	Ok
34	AR1268ICC050	PP072195.D	19 May 2025 18:25	YP\AJ	Ok,M
35	PP051925ICV500	PP072196.D	19 May 2025 18:42	YP\AJ	Ok
36	AR1232ICV500	PP072197.D	19 May 2025 19:14	YP\AJ	Ok
37	AR1242ICV500	PP072198.D	19 May 2025 19:47	YP\AJ	Ok
38	AR1248ICV500	PP072199.D	19 May 2025 20:19	YP\AJ	Ok
39	AR1254ICV500	PP072200.D	19 May 2025 20:52	YP\AJ	Ok
40	AR1268ICV500	PP072201.D	19 May 2025 21:25	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM		
SubDirectory	PP061325	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072897.D	13 Jun 2025 09:28	YP\AJ	Ok
2	AR1660CCC500	PP072898.D	13 Jun 2025 09:44	YP\AJ	Ok,M
3	AR1242CCC500	PP072899.D	13 Jun 2025 10:01	YP\AJ	Ok,M
4	AR1248CCC500	PP072900.D	13 Jun 2025 10:17	YP\AJ	Ok,M
5	AR1254CCC500	PP072901.D	13 Jun 2025 10:33	YP\AJ	Ok,M
6	AR1268CCC500	PP072902.D	13 Jun 2025 10:50	YP\AJ	Ok,M
7	I.BLK	PP072903.D	13 Jun 2025 11:06	YP\AJ	Ok,M
8	PB168459BL	PP072904.D	13 Jun 2025 11:22	YP\AJ	Ok,M
9	PB168459BS	PP072905.D	13 Jun 2025 11:39	YP\AJ	Ok,M
10	Q2303-01	PP072906.D	13 Jun 2025 11:55	YP\AJ	Ok,M
11	Q2303-02	PP072907.D	13 Jun 2025 12:11	YP\AJ	Ok,M
12	Q2298-01	PP072908.D	13 Jun 2025 12:28	YP\AJ	Ok,M
13	Q2301-02	PP072909.D	13 Jun 2025 12:44	YP\AJ	Ok,M
14	Q2305-01	PP072910.D	13 Jun 2025 13:00	YP\AJ	Ok,M
15	Q2305-01MS	PP072911.D	13 Jun 2025 13:16	YP\AJ	Ok,M
16	Q2305-01MSD	PP072912.D	13 Jun 2025 13:33	YP\AJ	Ok,M
17	Q2307-01	PP072913.D	13 Jun 2025 13:49	YP\AJ	Ok,M
18	AR1660CCC500	PP072914.D	13 Jun 2025 14:48	YP\AJ	Ok,M
19	AR1242CCC500	PP072915.D	13 Jun 2025 15:05	YP\AJ	Ok,M
20	AR1248CCC500	PP072916.D	13 Jun 2025 15:21	YP\AJ	Ok,M
21	AR1254CCC500	PP072917.D	13 Jun 2025 15:37	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM		
SubDirectory	PP061325	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	I.BLK	PP072918.D	13 Jun 2025 15:54	YP\AJ	Ok,M
23	PB168461BL	PP072919.D	13 Jun 2025 16:10	YP\AJ	Ok,M
24	PB168461BS	PP072920.D	13 Jun 2025 16:26	YP\AJ	Ok,M
25	Q2308-01	PP072921.D	13 Jun 2025 16:42	YP\AJ	Ok,M
26	Q2310-01	PP072922.D	13 Jun 2025 16:59	YP\AJ	Ok,M
27	Q2304-01	PP072923.D	13 Jun 2025 17:15	YP\AJ	Ok,M
28	Q2304-02	PP072924.D	13 Jun 2025 17:31	YP\AJ	Ok,M
29	Q2304-03	PP072925.D	13 Jun 2025 17:48	YP\AJ	Ok,M
30	Q2304-04	PP072926.D	13 Jun 2025 18:04	YP\AJ	Ok,M
31	Q2304-05	PP072927.D	13 Jun 2025 18:20	YP\AJ	Ok,M
32	AR1660CCC500	PP072928.D	13 Jun 2025 19:31	YP\AJ	Ok,M
33	AR1242CCC500	PP072929.D	13 Jun 2025 20:03	YP\AJ	Ok,M
34	AR1248CCC500	PP072930.D	13 Jun 2025 20:20	YP\AJ	Ok,M
35	AR1254CCC500	PP072931.D	13 Jun 2025 20:36	YP\AJ	Ok,M
36	I.BLK	PP072932.D	13 Jun 2025 20:52	YP\AJ	Ok,M
37	PB168480BL	PP072933.D	13 Jun 2025 21:08	YP\AJ	Ok,M
38	PB168480BS	PP072934.D	13 Jun 2025 21:25	YP\AJ	Ok,M
39	Q2326-01	PP072935.D	13 Jun 2025 21:41	YP\AJ	Ok,M
40	Q2326-02	PP072936.D	13 Jun 2025 21:57	YP\AJ	Ok,M
41	Q2326-03	PP072937.D	13 Jun 2025 22:13	YP\AJ	Ok,M
42	Q2326-04	PP072938.D	13 Jun 2025 22:30	YP\AJ	Ok,M
43	Q2326-05	PP072939.D	13 Jun 2025 22:46	YP\AJ	Ok,M
44	Q2326-06	PP072940.D	13 Jun 2025 23:02	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM		
SubDirectory	PP061325	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2326-07	PP072941.D	13 Jun 2025 23:19	YP\AJ	Ok,M
46	Q2326-08	PP072942.D	13 Jun 2025 23:35	YP\AJ	Ok,M
47	AR1660CCC500	PP072943.D	14 Jun 2025 02:07	YP\AJ	Ok,M
48	AR1242CCC500	PP072944.D	14 Jun 2025 02:40	YP\AJ	Ok,M
49	AR1248CCC500	PP072945.D	14 Jun 2025 02:56	YP\AJ	Ok,M
50	AR1254CCC500	PP072946.D	14 Jun 2025 03:12	YP\AJ	Ok,M
51	I.BLK	PP072947.D	14 Jun 2025 03:28	YP\AJ	Ok,M
52	Q2327-01	PP072948.D	14 Jun 2025 03:45	YP\AJ	Ok,M
53	Q2327-02	PP072949.D	14 Jun 2025 04:01	YP\AJ	Ok,M
54	Q2327-03	PP072950.D	14 Jun 2025 04:17	YP\AJ	Ok,M
55	Q2327-04	PP072951.D	14 Jun 2025 04:34	YP\AJ	Ok,M
56	AR1660CCC500	PP072952.D	14 Jun 2025 08:24	YP\AJ	Ok,M
57	AR1242CCC500	PP072953.D	14 Jun 2025 08:40	YP\AJ	Ok,M
58	AR1248CCC500	PP072954.D	14 Jun 2025 08:56	YP\AJ	Ok,M
59	AR1254CCC500	PP072955.D	14 Jun 2025 09:12	YP\AJ	Ok,M
60	I.BLK	PP072956.D	14 Jun 2025 09:29	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM		
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM		
SubDirectory	PP051925	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072162.D	19 May 2025 09:09		YP\AJ	Ok
2	I.BLK	I.BLK	PP072163.D	19 May 2025 09:26		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072164.D	19 May 2025 09:42		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072165.D	19 May 2025 09:59		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072166.D	19 May 2025 10:15		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072167.D	19 May 2025 10:32		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP072168.D	19 May 2025 10:48		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072169.D	19 May 2025 11:05		YP\AJ	Ok
9	AR1232ICC1000	AR1232ICC1000	PP072170.D	19 May 2025 11:21		YP\AJ	Ok
10	AR1232ICC750	AR1232ICC750	PP072171.D	19 May 2025 11:38		YP\AJ	Ok
11	AR1232ICC500	AR1232ICC500	PP072172.D	19 May 2025 11:54		YP\AJ	Ok
12	AR1232ICC250	AR1232ICC250	PP072173.D	19 May 2025 12:10		YP\AJ	Ok
13	AR1232ICC050	AR1232ICC050	PP072174.D	19 May 2025 12:27		YP\AJ	Ok,M
14	AR1242ICC1000	AR1242ICC1000	PP072175.D	19 May 2025 12:43		YP\AJ	Ok
15	AR1242ICC750	AR1242ICC750	PP072176.D	19 May 2025 12:59		YP\AJ	Ok
16	AR1242ICC500	AR1242ICC500	PP072177.D	19 May 2025 13:15		YP\AJ	Ok
17	AR1242ICC250	AR1242ICC250	PP072178.D	19 May 2025 13:32		YP\AJ	Ok
18	AR1242ICC050	AR1242ICC050	PP072179.D	19 May 2025 13:48		YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM		
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM		
SubDirectory	PP051925	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC1000	AR1248ICC1000	PP072180.D	19 May 2025 14:04		YP\AJ	Ok
20	AR1248ICC750	AR1248ICC750	PP072181.D	19 May 2025 14:20		YP\AJ	Ok
21	AR1248ICC500	AR1248ICC500	PP072182.D	19 May 2025 14:37		YP\AJ	Ok
22	AR1248ICC250	AR1248ICC250	PP072183.D	19 May 2025 14:53		YP\AJ	Ok
23	AR1248ICC050	AR1248ICC050	PP072184.D	19 May 2025 15:25		YP\AJ	Ok,M
24	AR1254ICC1000	AR1254ICC1000	PP072185.D	19 May 2025 15:42		YP\AJ	Ok
25	AR1254ICC750	AR1254ICC750	PP072186.D	19 May 2025 15:58		YP\AJ	Ok
26	AR1254ICC500	AR1254ICC500	PP072187.D	19 May 2025 16:14		YP\AJ	Ok
27	AR1254ICC250	AR1254ICC250	PP072188.D	19 May 2025 16:31		YP\AJ	Ok
28	AR1254ICC050	AR1254ICC050	PP072189.D	19 May 2025 16:47		YP\AJ	Ok,M
29	AR1262ICC500	AR1262ICC500	PP072190.D	19 May 2025 17:03		YP\AJ	Ok
30	AR1268ICC1000	AR1268ICC1000	PP072191.D	19 May 2025 17:20		YP\AJ	Ok
31	AR1268ICC750	AR1268ICC750	PP072192.D	19 May 2025 17:36		YP\AJ	Ok
32	AR1268ICC500	AR1268ICC500	PP072193.D	19 May 2025 17:53		YP\AJ	Ok
33	AR1268ICC250	AR1268ICC250	PP072194.D	19 May 2025 18:09		YP\AJ	Ok
34	AR1268ICC050	AR1268ICC050	PP072195.D	19 May 2025 18:25		YP\AJ	Ok,M
35	PP051925ICV500	ICVPP051925	PP072196.D	19 May 2025 18:42		YP\AJ	Ok
36	AR1232ICV500	ICVPP051925AR1232	PP072197.D	19 May 2025 19:14		YP\AJ	Ok
37	AR1242ICV500	ICVPP051925AR1242	PP072198.D	19 May 2025 19:47		YP\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM		
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM		
SubDirectory	PP051925	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	AR1248ICV500	ICVPP051925AR1248	PP072199.D	19 May 2025 20:19		YP\AJ	Ok
39	AR1254ICV500	ICVPP051925AR1254	PP072200.D	19 May 2025 20:52		YP\AJ	Ok
40	AR1268ICV500	ICVPP051925AR1268	PP072201.D	19 May 2025 21:25		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM		
SubDirectory	PP061325	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072897.D	13 Jun 2025 09:28		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP072898.D	13 Jun 2025 09:44	DCB high in 2nd column	YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP072899.D	13 Jun 2025 10:01		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP072900.D	13 Jun 2025 10:17		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP072901.D	13 Jun 2025 10:33		YP\AJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PP072902.D	13 Jun 2025 10:50		YP\AJ	Ok,M
7	I.BLK	I.BLK	PP072903.D	13 Jun 2025 11:06		YP\AJ	Ok,M
8	PB168459BL	PB168459BL	PP072904.D	13 Jun 2025 11:22		YP\AJ	Ok,M
9	PB168459BS	PB168459BS	PP072905.D	13 Jun 2025 11:39		YP\AJ	Ok,M
10	Q2303-01	B-165-SB01	PP072906.D	13 Jun 2025 11:55	AR1254 Hit	YP\AJ	Ok,M
11	Q2303-02	B-170-SB03	PP072907.D	13 Jun 2025 12:11		YP\AJ	Ok,M
12	Q2298-01	AU-05-061125	PP072908.D	13 Jun 2025 12:28		YP\AJ	Ok,M
13	Q2301-02	WC-URBAN-FILL-C	PP072909.D	13 Jun 2025 12:44		YP\AJ	Ok,M
14	Q2305-01	TR-04-06122025	PP072910.D	13 Jun 2025 13:00		YP\AJ	Ok,M
15	Q2305-01MS	TR-04-06122025MS	PP072911.D	13 Jun 2025 13:16		YP\AJ	Ok,M
16	Q2305-01MSD	TR-04-06122025MSD	PP072912.D	13 Jun 2025 13:33		YP\AJ	Ok,M
17	Q2307-01	LINDEN-SAA	PP072913.D	13 Jun 2025 13:49		YP\AJ	Ok,M
18	AR1660CCC500	AR1660CCC500	PP072914.D	13 Jun 2025 14:48		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM		
SubDirectory	PP061325	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1242CCC500	AR1242CCC500	PP072915.D	13 Jun 2025 15:05		YP\AJ	Ok,M
20	AR1248CCC500	AR1248CCC500	PP072916.D	13 Jun 2025 15:21		YP\AJ	Ok,M
21	AR1254CCC500	AR1254CCC500	PP072917.D	13 Jun 2025 15:37	1st peak low in 1st column	YP\AJ	Ok,M
22	I.BLK	I.BLK	PP072918.D	13 Jun 2025 15:54		YP\AJ	Ok,M
23	PB168461BL	PB168461BL	PP072919.D	13 Jun 2025 16:10		YP\AJ	Ok,M
24	PB168461BS	PB168461BS	PP072920.D	13 Jun 2025 16:26		YP\AJ	Ok,M
25	Q2308-01	EO-02-06122025	PP072921.D	13 Jun 2025 16:42		YP\AJ	Ok,M
26	Q2310-01	TP-7	PP072922.D	13 Jun 2025 16:59		YP\AJ	Ok,M
27	Q2304-01	RBR200057-1	PP072923.D	13 Jun 2025 17:15	AR1248 Hit	YP\AJ	Ok,M
28	Q2304-02	RBR200057-2	PP072924.D	13 Jun 2025 17:31	AR1248 Hit	YP\AJ	Ok,M
29	Q2304-03	VNJ239-3	PP072925.D	13 Jun 2025 17:48	AR1248 Hit	YP\AJ	Ok,M
30	Q2304-04	VNJ239-4	PP072926.D	13 Jun 2025 18:04	AR1248 Hit	YP\AJ	Ok,M
31	Q2304-05	VNJ239-5	PP072927.D	13 Jun 2025 18:20	AR1248 Hit , Confirm corrected typo	YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP072928.D	13 Jun 2025 19:31		YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP072929.D	13 Jun 2025 20:03		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP072930.D	13 Jun 2025 20:20		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP072931.D	13 Jun 2025 20:36	DCB high in 2nd column	YP\AJ	Ok,M
36	I.BLK	I.BLK	PP072932.D	13 Jun 2025 20:52		YP\AJ	Ok,M
37	PB168480BL	PB168480BL	PP072933.D	13 Jun 2025 21:08		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM		
SubDirectory	PP061325	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB168480BS	PB168480BS	PP072934.D	13 Jun 2025 21:25		YP\AJ	Ok,M
39	Q2326-01	BC274770-1-1	PP072935.D	13 Jun 2025 21:41	DCB high in 1st column	YP\AJ	Ok,M
40	Q2326-02	BC274770-1-2	PP072936.D	13 Jun 2025 21:57	DCB high in 1st column	YP\AJ	Ok,M
41	Q2326-03	BC274770-2-1	PP072937.D	13 Jun 2025 22:13	DCB high in 1st column	YP\AJ	Ok,M
42	Q2326-04	BC274770-2-2	PP072938.D	13 Jun 2025 22:30		YP\AJ	Ok,M
43	Q2326-05	BC274770-3-1	PP072939.D	13 Jun 2025 22:46	DCB high in 1st column	YP\AJ	Ok,M
44	Q2326-06	BC274770-3-2	PP072940.D	13 Jun 2025 23:02		YP\AJ	Ok,M
45	Q2326-07	ECA345N-1-1	PP072941.D	13 Jun 2025 23:19		YP\AJ	Ok,M
46	Q2326-08	ECA345N-1-2	PP072942.D	13 Jun 2025 23:35		YP\AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PP072943.D	14 Jun 2025 02:07		YP\AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PP072944.D	14 Jun 2025 02:40		YP\AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP072945.D	14 Jun 2025 02:56		YP\AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP072946.D	14 Jun 2025 03:12	DCB high in 2nd column	YP\AJ	Ok,M
51	I.BLK	I.BLK	PP072947.D	14 Jun 2025 03:28		YP\AJ	Ok,M
52	Q2327-01	HEH700H-1-1	PP072948.D	14 Jun 2025 03:45	AR1254 Hit	YP\AJ	Ok,M
53	Q2327-02	HEH700H-1-2	PP072949.D	14 Jun 2025 04:01		YP\AJ	Ok,M
54	Q2327-03	HEH700H-2-1	PP072950.D	14 Jun 2025 04:17	AR1254 Hit	YP\AJ	Ok,M
55	Q2327-04	HEH700H-2-2	PP072951.D	14 Jun 2025 04:34	AR1254 Hit	YP\AJ	Ok,M
56	AR1660CCC500	AR1660CCC500	PP072952.D	14 Jun 2025 08:24		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM		
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM		
SubDirectory	PP061325	HP Acquire Method		HP Processing Method	PP051925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	AR1242CCC500	AR1242CCC500	PP072953.D	14 Jun 2025 08:40		YP\AJ	Ok,M
58	AR1248CCC500	AR1248CCC500	PP072954.D	14 Jun 2025 08:56		YP\AJ	Ok,M
59	AR1254CCC500	AR1254CCC500	PP072955.D	14 Jun 2025 09:12		YP\AJ	Ok,M
60	I.BLK	I.BLK	PP072956.D	14 Jun 2025 09:29		YP\AJ	Ok,M

M : Manual Integration

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EXTRACTION LOGPAGE

PB168459

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	06/13/2025
Matrix :	Solid			**Extraction Start Time :**	08:05
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	06/13/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24461
Surrogate	1.0ML	200 PPB	PP24597
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2613
Baked Na2SO4	N/A	EP2620
Sand	N/A	E2865
Hexane	N/A	E3938
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25	RP (Sept 24)	Y.P.PEST/PCB.
11:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168459

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/13/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168459BL	ABLK459	PCB	30.01	N/A	ritesh	Evelyn	10			U3-1
PB168459BS	ALCS459	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q2298-01	AU-05-061125	PCB	30.07	N/A	ritesh	Evelyn	10	D		3
Q2301-02	WC-URBAN-FILL-C	PCB	30.03	N/A	ritesh	Evelyn	10	D		4
Q2303-01	B-165-SB01	PCB	30.08	N/A	ritesh	Evelyn	10			5
Q2303-02	B-170-SB03	PCB	30.05	N/A	ritesh	Evelyn	10			6
Q2305-01	TR-04-06122025	PCB	30.04	N/A	ritesh	Evelyn	10	D		U6-1
Q2305-01MS	TR-04-06122025MS	PCB	30.02	N/A	ritesh	Evelyn	10	D		2
Q2305-01MSD	TR-04-06122025MSD	PCB	30.06	N/A	ritesh	Evelyn	10	D		3
Q2307-01	LINDEN-SAA	PCB	30.07	N/A	ritesh	Evelyn	10	C		4
Q2308-01	EO-02-06122025	PCB	30.03	N/A	ritesh	Evelyn	10	D		5
Q2310-01	TP-7	PCB	30.01	N/A	ritesh	Evelyn	10	D		6

* **Extracts relinquished on the same date as received.**

6/13/25

Q2303 6/13 8:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2298 **WorkList ID :** 190173 **Department :** Extraction **Date :** 06-13-2025 07:59:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2298-01	AU-05-061125	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/11/2025	8082A
Q2301-02	WC-URBAN-FILL-C	Solid	PCB	Cool 4 deg C	ENTA05	D41	06/11/2025	8082A
Q2303-01	B-165-SB01	Solid	PCB	Cool 4 deg C	PORT06	D41	06/11/2025	8082A
Q2303-02	B-170-SB03	Solid	PCB	Cool 4 deg C	PORT06	D41	06/11/2025	8082A
Q2305-01	TR-04-06122025	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/12/2025	8082A
Q2307-01	LINDEN-SAA	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/12/2025	8082A
Q2308-01	EO-02-06122025	Solid	PCB	Cool 4 deg C	PSEG05	D51	06/12/2025	8082A
Q2310-01	TP-7	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/12/2025	8082A

101 of 211

Date/Time 06/13/25 8:00
Raw Sample Received by: RJ (Sol Lab)
Raw Sample Relinquished by: CP SM

Date/Time 06/13/25 8:25
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Sol Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2303	**OrderDate:**	6/12/2025 12:09:00 PM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2303-01	**B-165-SB01**	**SOIL**			**06/11/25**			**06/11/25**
			PCB	8082A		06/13/25	06/13/25	
Q2303-02	**B-170-SB03**	**SOIL**			**06/11/25**			**06/11/25**
			PCB	8082A		06/13/25	06/13/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2303 **Order ID:** Q2303

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-165-SB01								
Q2303-01	B-165-SB01	SOIL	Aluminum	7950		0.87	5.20	mg/Kg
Q2303-01	B-165-SB01	SOIL	Antimony	1.38	J	0.23	2.60	mg/Kg
Q2303-01	B-165-SB01	SOIL	Arsenic	4.45		0.20	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Barium	130		0.76	5.20	mg/Kg
Q2303-01	B-165-SB01	SOIL	Beryllium	0.57		0.026	0.31	mg/Kg
Q2303-01	B-165-SB01	SOIL	Cadmium	0.080	J	0.025	0.31	mg/Kg
Q2303-01	B-165-SB01	SOIL	Calcium	59800		11.5	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Chromium	14.9		0.049	0.52	mg/Kg
Q2303-01	B-165-SB01	SOIL	Cobalt	7.88		0.10	1.56	mg/Kg
Q2303-01	B-165-SB01	SOIL	Copper	22.2		0.23	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Iron	13000		4.15	5.20	mg/Kg
Q2303-01	B-165-SB01	SOIL	Lead	70.7		0.14	0.62	mg/Kg
Q2303-01	B-165-SB01	SOIL	Magnesium	8960		12.5	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Manganese	231		0.15	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Mercury	0.23		0.0090	0.016	mg/Kg
Q2303-01	B-165-SB01	SOIL	Nickel	19.3		0.14	2.08	mg/Kg
Q2303-01	B-165-SB01	SOIL	Potassium	1050		28.8	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Selenium	0.94	J	0.27	1.04	mg/Kg
Q2303-01	B-165-SB01	SOIL	Silver	0.55		0.13	0.52	mg/Kg
Q2303-01	B-165-SB01	SOIL	Sodium	422		18.5	104	mg/Kg
Q2303-01	B-165-SB01	SOIL	Vanadium	25.5		0.26	2.08	mg/Kg
Q2303-01	B-165-SB01	SOIL	Zinc	88.1		0.11	2.08	mg/Kg
Client ID : B-170-SB03								
Q2303-02	B-170-SB03	SOIL	Aluminum	4040		0.82	4.88	mg/Kg
Q2303-02	B-170-SB03	SOIL	Antimony	1.33	J	0.22	2.44	mg/Kg
Q2303-02	B-170-SB03	SOIL	Arsenic	3.28		0.19	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Barium	67.5		0.71	4.88	mg/Kg
Q2303-02	B-170-SB03	SOIL	Beryllium	0.36		0.024	0.29	mg/Kg
Q2303-02	B-170-SB03	SOIL	Calcium	9840		10.8	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Chromium	14.4		0.046	0.49	mg/Kg
Q2303-02	B-170-SB03	SOIL	Cobalt	5.81		0.098	1.46	mg/Kg
Q2303-02	B-170-SB03	SOIL	Copper	19.8		0.22	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Iron	10500		3.90	4.88	mg/Kg
Q2303-02	B-170-SB03	SOIL	Lead	168		0.13	0.59	mg/Kg
Q2303-02	B-170-SB03	SOIL	Magnesium	2640		11.7	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Manganese	269		0.14	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Mercury	0.90	D	0.015	0.026	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.:	Q2303	**Order ID:**	Q2303
Client:	Portal Partners Tri-Venture	**Project ID:**	Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2303-02	B-170-SB03	SOIL	Nickel	15.6		0.13	1.95	mg/Kg
Q2303-02	B-170-SB03	SOIL	Potassium	701		27.0	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Selenium	1.13		0.25	0.98	mg/Kg
Q2303-02	B-170-SB03	SOIL	Silver	3.24		0.12	0.49	mg/Kg
Q2303-02	B-170-SB03	SOIL	Sodium	114		17.4	97.6	mg/Kg
Q2303-02	B-170-SB03	SOIL	Thallium	0.36	J	0.23	1.95	mg/Kg
Q2303-02	B-170-SB03	SOIL	Vanadium	11.5		0.24	1.95	mg/Kg
Q2303-02	B-170-SB03	SOIL	Zinc	72.8		0.11	1.95	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-165-SB01	SDG No.:	Q2303
Lab Sample ID:	Q2303-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7950		1	0.87	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-36-0	Antimony	1.38	JN	1	0.23	2.60	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-38-2	Arsenic	4.45		1	0.20	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-39-3	Barium	130		1	0.76	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-41-7	Beryllium	0.57		1	0.026	0.31	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-43-9	Cadmium	0.080	J	1	0.025	0.31	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-70-2	Calcium	59800		1	11.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-47-3	Chromium	14.9	N	1	0.049	0.52	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-48-4	Cobalt	7.88		1	0.10	1.56	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-50-8	Copper	22.2	N	1	0.23	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-89-6	Iron	13000		1	4.15	5.20	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-92-1	Lead	70.7		1	0.14	0.62	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-95-4	Magnesium	8960		1	12.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-96-5	Manganese	231		1	0.15	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7439-97-6	Mercury	0.23		1	0.0090	0.016	mg/Kg	06/13/25 16:00	06/16/25 13:15	7471B	
7440-02-0	Nickel	19.3		1	0.14	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-09-7	Potassium	1050	N	1	28.8	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7782-49-2	Selenium	0.94	JN	1	0.27	1.04	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-22-4	Silver	0.55	N	1	0.13	0.52	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-23-5	Sodium	422		1	18.5	104	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-62-2	Vanadium	25.5	N	1	0.26	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050
7440-66-6	Zinc	88.1	N	1	0.11	2.08	mg/Kg	06/13/25 11:15	06/16/25 15:49	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

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

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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-170-SB03	SDG No.:	Q2303
Lab Sample ID:	Q2303-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4040		1	0.82	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-36-0	Antimony	1.33	JN	1	0.22	2.44	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-38-2	Arsenic	3.28		1	0.19	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-39-3	Barium	67.5		1	0.71	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-41-7	Beryllium	0.36		1	0.024	0.29	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-43-9	Cadmium	0.023	U	1	0.023	0.29	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-70-2	Calcium	9840		1	10.8	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-47-3	Chromium	14.4	N	1	0.046	0.49	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-48-4	Cobalt	5.81		1	0.098	1.46	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-50-8	Copper	19.8	N	1	0.22	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-89-6	Iron	10500		1	3.90	4.88	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-92-1	Lead	168		1	0.13	0.59	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-95-4	Magnesium	2640		1	11.7	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-96-5	Manganese	269		1	0.14	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7439-97-6	Mercury	0.90	D	2	0.015	0.026	mg/Kg	06/13/25 16:00	06/16/25 13:54	7471B	
7440-02-0	Nickel	15.6		1	0.13	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-09-7	Potassium	701	N	1	27.0	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7782-49-2	Selenium	1.13	N	1	0.25	0.98	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-22-4	Silver	3.24	N	1	0.12	0.49	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-23-5	Sodium	114		1	17.4	97.6	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-28-0	Thallium	0.36	J	1	0.23	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-62-2	Vanadium	11.5	N	1	0.24	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050
7440-66-6	Zinc	72.8	N	1	0.11	1.95	mg/Kg	06/13/25 11:15	06/16/25 15:53	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

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

J = Estimated Value
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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB39	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	12:54	LB136159

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB45	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	12:58	LB136159
CCB46	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	13:33	LB136159
CCB47	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	13:52	LB136159
CCB48	Mercury	0.076	+/-0.2	U	0.20	CV	06/16/2025	14:14	LB136159

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	39.0	+/-50	J	100	P	06/16/2025	14:49	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	14:49	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	14:49	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	14:49	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	14:49	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	14:49	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	14:49	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Iron	49.2	+/-50	J	100	P	06/16/2025	14:49	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	14:49	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	14:49	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	14:49	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	14:49	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	14:49	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	14:49	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	14:49	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	14:49	lb136164

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	45.3	+/-50	J	100	P	06/16/2025	15:30	lb136164
	Antimony	7.24	+/-25	J	50.0	P	06/16/2025	15:30	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	15:30	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	15:30	lb136164
	Cadmium	1.35	+/-3	J	6.00	P	06/16/2025	15:30	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	15:30	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	15:30	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Iron	26.0	+/-50	J	100	P	06/16/2025	15:30	lb136164
	Lead	3.27	+/-6	J	12.0	P	06/16/2025	15:30	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	15:30	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	15:30	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	15:30	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	15:30	lb136164
	Thallium	4.48	+/-20	J	40.0	P	06/16/2025	15:30	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	15:30	lb136164
	Zinc	5.12	+/-20	J	40.0	P	06/16/2025	15:30	lb136164
CCB02	Aluminum	11.3	+/-50	U	100	P	06/16/2025	16:34	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	16:34	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	16:34	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	16:34	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	16:34	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	16:34	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	16:34	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Iron	37.5	+/-50	J	100	P	06/16/2025	16:34	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	16:34	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	16:34	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	16:34	lb136164

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/16/2025	16:34	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	16:34	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	16:34	lb136164
CCB03	Aluminum	11.3	+/-50	U	100	P	06/16/2025	17:49	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	17:49	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	17:49	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	17:49	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	17:49	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	17:49	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	17:49	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	17:49	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	17:49	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	17:49	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	17:49	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	17:49	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	17:49	lb136164
CCB04	Aluminum	22.0	+/-50	J	100	P	06/16/2025	18:33	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	18:33	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	18:33	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	18:33	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	18:33	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	18:33	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	18:33	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	18:33	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	18:33	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	18:33	lb136164

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/16/2025	18:33	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	18:33	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	18:33	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	18:33	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	18:33	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	18:33	lb136164
CCB05	Aluminum	11.3	+/-50	U	100	P	06/16/2025	19:21	lb136164
	Antimony	12.3	+/-25	J	50.0	P	06/16/2025	19:21	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	19:21	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	19:21	lb136164
	Cadmium	3.56	+/-3	J*	6.00	P	06/16/2025	19:21	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	19:21	lb136164
	Cobalt	3.66	+/-15	J	30.0	P	06/16/2025	19:21	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Iron	23.5	+/-50	J	100	P	06/16/2025	19:21	lb136164
	Lead	5.87	+/-6	J	12.0	P	06/16/2025	19:21	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Nickel	3.47	+/-20	J	40.0	P	06/16/2025	19:21	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	19:21	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	19:21	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	19:21	lb136164
	Thallium	7.90	+/-20	J	40.0	P	06/16/2025	19:21	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	19:21	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	19:21	lb136164
CCB06	Aluminum	11.3	+/-50	U	100	P	06/16/2025	20:08	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	20:08	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	20:08	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	20:08	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	20:08	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	20:08	lb136164

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	20:08	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	20:08	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	20:08	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	20:08	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	20:08	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	20:08	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	20:08	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	20:08	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	20:08	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	20:08	lb136164
CCB07	Aluminum	11.3	+/-50	U	100	P	06/16/2025	20:56	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	20:56	lb136164
	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	20:56	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	20:56	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	20:56	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	20:56	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	20:56	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	20:56	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	20:56	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	20:56	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	20:56	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	20:56	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	20:56	lb136164
CCB08	Aluminum	11.3	+/-50	U	100	P	06/16/2025	21:18	lb136164
	Antimony	6.76	+/-25	U	50.0	P	06/16/2025	21:18	lb136164

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Barium	14.6	+/-50	U	100	P	06/16/2025	21:18	lb136164
	Beryllium	0.56	+/-3	U	6.00	P	06/16/2025	21:18	lb136164
	Cadmium	0.50	+/-3	U	6.00	P	06/16/2025	21:18	lb136164
	Calcium	234	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Chromium	2.12	+/-5	U	10.0	P	06/16/2025	21:18	lb136164
	Cobalt	2.26	+/-15	U	30.0	P	06/16/2025	21:18	lb136164
	Copper	4.60	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Iron	23.4	+/-50	U	100	P	06/16/2025	21:18	lb136164
	Lead	2.30	+/-6	U	12.0	P	06/16/2025	21:18	lb136164
	Magnesium	244	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Manganese	5.94	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Nickel	3.06	+/-20	U	40.0	P	06/16/2025	21:18	lb136164
	Potassium	918	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Selenium	9.64	+/-10	U	20.0	P	06/16/2025	21:18	lb136164
	Silver	1.62	+/-5	U	10.0	P	06/16/2025	21:18	lb136164
	Sodium	868	+/-1000	U	2000	P	06/16/2025	21:18	lb136164
	Thallium	4.38	+/-20	U	40.0	P	06/16/2025	21:18	lb136164
	Vanadium	6.26	+/-20	U	40.0	P	06/16/2025	21:18	lb136164
	Zinc	3.50	+/-20	U	40.0	P	06/16/2025	21:18	lb136164

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/17/2025	12:46	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	12:46	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	12:46	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	12:46	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	12:46	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	12:46	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	12:46	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Iron	38.5	+/-50	J	100	P	06/17/2025	12:46	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	12:46	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	12:46	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	12:46	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	12:46	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	12:46	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	12:46	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	12:46	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	12:46	LB136187

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/17/2025	13:48	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	13:48	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	13:48	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	13:48	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	13:48	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	13:48	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	13:48	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	13:48	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	13:48	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	13:48	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	13:48	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	13:48	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	13:48	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	13:48	LB136187
	Vanadium	7.99	+/-20	J	40.0	P	06/17/2025	13:48	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	13:48	LB136187
CCB02	Aluminum	11.3	+/-50	U	100	P	06/17/2025	14:50	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	14:50	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	14:50	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	14:50	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	14:50	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	14:50	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	14:50	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	14:50	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	14:50	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	14:50	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	14:50	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	14:50	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	14:50	LB136187

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/17/2025	14:50	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	14:50	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	14:50	LB136187
CCB03	Aluminum	11.3	+/-50	U	100	P	06/17/2025	15:42	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	15:42	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	15:42	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	15:42	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	15:42	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	15:42	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	15:42	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Iron	27.5	+/-50	J	100	P	06/17/2025	15:42	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	15:42	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	15:42	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	15:42	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	15:42	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	15:42	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	15:42	LB136187
	Vanadium	7.56	+/-20	J	40.0	P	06/17/2025	15:42	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	15:42	LB136187
CCB04	Aluminum	11.3	+/-50	U	100	P	06/17/2025	16:34	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	16:34	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	16:34	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	16:34	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	16:34	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	16:34	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	16:34	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	16:34	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	16:34	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	16:34	LB136187

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/17/2025	16:34	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	16:34	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	16:34	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	16:34	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	16:34	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	16:34	LB136187
CCB05	Aluminum	19.3	+/-50	J	100	P	06/17/2025	17:41	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	17:41	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	17:41	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	17:41	LB136187
	Cadmium	1.06	+/-3	J	6.00	P	06/17/2025	17:41	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	17:41	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	17:41	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	17:41	LB136187
	Lead	2.94	+/-6	J	12.0	P	06/17/2025	17:41	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	17:41	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	17:41	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	17:41	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	17:41	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	17:41	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	17:41	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	17:41	LB136187
CCB06	Aluminum	11.3	+/-50	U	100	P	06/17/2025	18:42	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	18:42	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	18:42	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	18:42	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	18:42	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	18:42	LB136187

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	18:42	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	18:42	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Iron	23.4	+/-50	U	100	P	06/17/2025	18:42	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	18:42	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	18:42	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	18:42	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	18:42	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	18:42	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	18:42	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	18:42	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	18:42	LB136187
	Vanadium	12.6	+/-20	J	40.0	P	06/17/2025	18:42	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	18:42	LB136187
CCB07	Aluminum	11.3	+/-50	U	100	P	06/17/2025	19:30	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	19:30	LB136187
	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Barium	14.6	+/-50	U	100	P	06/17/2025	19:30	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	19:30	LB136187
	Cadmium	0.50	+/-3	U	6.00	P	06/17/2025	19:30	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	19:30	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	19:30	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Iron	27.8	+/-50	J	100	P	06/17/2025	19:30	LB136187
	Lead	2.30	+/-6	U	12.0	P	06/17/2025	19:30	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Manganese	5.94	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	19:30	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	19:30	LB136187
	Silver	1.62	+/-5	U	10.0	P	06/17/2025	19:30	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	19:30	LB136187
	Thallium	4.38	+/-20	U	40.0	P	06/17/2025	19:30	LB136187
	Vanadium	9.70	+/-20	J	40.0	P	06/17/2025	19:30	LB136187
	Zinc	3.50	+/-20	U	40.0	P	06/17/2025	19:30	LB136187
CCB08	Aluminum	31.0	+/-50	J	100	P	06/17/2025	20:22	LB136187
	Antimony	6.76	+/-25	U	50.0	P	06/17/2025	20:22	LB136187

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/17/2025	20:22	LB136187
	Barium	37.6	+/-50	J	100	P	06/17/2025	20:22	LB136187
	Beryllium	0.56	+/-3	U	6.00	P	06/17/2025	20:22	LB136187
	Cadmium	2.24	+/-3	J	6.00	P	06/17/2025	20:22	LB136187
	Calcium	234	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Chromium	2.12	+/-5	U	10.0	P	06/17/2025	20:22	LB136187
	Cobalt	2.26	+/-15	U	30.0	P	06/17/2025	20:22	LB136187
	Copper	4.60	+/-10	U	20.0	P	06/17/2025	20:22	LB136187
	Iron	41.7	+/-50	J	100	P	06/17/2025	20:22	LB136187
	Lead	4.53	+/-6	J	12.0	P	06/17/2025	20:22	LB136187
	Magnesium	244	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Manganese	9.42	+/-10	J	20.0	P	06/17/2025	20:22	LB136187
	Nickel	3.06	+/-20	U	40.0	P	06/17/2025	20:22	LB136187
	Potassium	918	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Selenium	9.64	+/-10	U	20.0	P	06/17/2025	20:22	LB136187
	Silver	2.69	+/-5	J	10.0	P	06/17/2025	20:22	LB136187
	Sodium	868	+/-1000	U	2000	P	06/17/2025	20:22	LB136187
	Thallium	6.25	+/-20	J	40.0	P	06/17/2025	20:22	LB136187
	Vanadium	6.26	+/-20	U	40.0	P	06/17/2025	20:22	LB136187
	Zinc	4.70	+/-20	J	40.0	P	06/17/2025	20:22	LB136187

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Metals
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PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168482BL		**SOLID**		**Batch Number:**	**PB168482**		**Prep Date:**	**06/13/2025**	
	Mercury	0.0080	<0.013	U	0.013	CV	06/16/2025	13:08	LB136159

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Instrument: P5

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168472BL		**SOLID**		**Batch Number:**	**PB168472**		**Prep Date:**	**06/13/2025**	
	Aluminum	0.84	<2.5	U	5.00	P	06/16/2025	16:44	lb136164
	Antimony	0.22	<1.25	U	2.50	P	06/16/2025	16:44	lb136164
	Arsenic	0.19	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Barium	0.73	<2.5	U	5.00	P	06/16/2025	16:44	lb136164
	Beryllium	0.025	<0.15	U	0.30	P	06/16/2025	16:44	lb136164
	Cadmium	0.024	<0.15	U	0.30	P	06/16/2025	16:44	lb136164
	Calcium	11.1	<50	U	100	P	06/16/2025	16:44	lb136164
	Chromium	0.068	<0.25	J	0.50	P	06/16/2025	16:44	lb136164
	Cobalt	0.10	<0.75	U	1.50	P	06/16/2025	16:44	lb136164
	Copper	0.22	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Iron	3.99	<2.5	U	5.00	P	06/16/2025	16:44	lb136164
	Lead	0.13	<0.3	U	0.60	P	06/16/2025	16:44	lb136164
	Magnesium	12.0	<50	U	100	P	06/16/2025	16:44	lb136164
	Manganese	0.14	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Nickel	0.13	<1	U	2.00	P	06/16/2025	16:44	lb136164
	Potassium	27.7	<50	U	100	P	06/16/2025	16:44	lb136164
	Selenium	0.26	<0.5	U	1.00	P	06/16/2025	16:44	lb136164
	Silver	0.12	<0.25	U	0.50	P	06/16/2025	16:44	lb136164
	Sodium	17.8	<50	U	100	P	06/16/2025	16:44	lb136164
	Thallium	0.23	<1	U	2.00	P	06/16/2025	16:44	lb136164
	Vanadium	0.25	<1	U	2.00	P	06/16/2025	16:44	lb136164
	Zinc	0.17	<1	J	2.00	P	06/16/2025	16:44	lb136164

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV39	Mercury	3.96	4.0	99	90 - 110	CV	06/16/2025	12:52	LB136159

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV45	Mercury	5.20	5.0	104	90 - 110	CV	06/16/2025	12:56	LB136159
CCV46	Mercury	4.96	5.0	99	90 - 110	CV	06/16/2025	13:30	LB136159
CCV47	Mercury	5.00	5.0	100	90 - 110	CV	06/16/2025	13:49	LB136159
CCV48	Mercury	5.04	5.0	101	90 - 110	CV	06/16/2025	14:11	LB136159

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7940	8000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Antimony	4090	4000	102	90 - 110	P	06/16/2025	14:03	lb136164
	Arsenic	3820	4000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Barium	7830	8000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Beryllium	203	200	102	90 - 110	P	06/16/2025	14:03	lb136164
	Cadmium	1950	2000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Calcium	19700	20000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Chromium	812	800	102	90 - 110	P	06/16/2025	14:03	lb136164
	Cobalt	1970	2000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Copper	1030	1000	103	90 - 110	P	06/16/2025	14:03	lb136164
	Iron	3880	4000	97	90 - 110	P	06/16/2025	14:03	lb136164
	Lead	3820	4000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Magnesium	19600	20000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Manganese	1950	2000	98	90 - 110	P	06/16/2025	14:03	lb136164
	Nickel	1980	2000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Potassium	20300	20000	102	90 - 110	P	06/16/2025	14:03	lb136164
	Selenium	3940	4000	99	90 - 110	P	06/16/2025	14:03	lb136164
	Silver	963	1000	96	90 - 110	P	06/16/2025	14:03	lb136164
	Sodium	20200	20000	101	90 - 110	P	06/16/2025	14:03	lb136164
	Thallium	4040	4000	101	90 - 110	P	06/16/2025	14:03	lb136164
	Vanadium	1940	2000	97	90 - 110	P	06/16/2025	14:03	lb136164
	Zinc	1980	2000	99	90 - 110	P	06/16/2025	14:03	lb136164

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	116	100	116	80 - 120	P	06/16/2025	14:42	lb136164
	Antimony	53.4	50.0	107	80 - 120	P	06/16/2025	14:42	lb136164
	Arsenic	16.6	20.0	83	80 - 120	P	06/16/2025	14:42	lb136164
	Barium	101	100	101	80 - 120	P	06/16/2025	14:42	lb136164
	Beryllium	6.39	6.0	106	80 - 120	P	06/16/2025	14:42	lb136164
	Cadmium	5.68	6.0	95	80 - 120	P	06/16/2025	14:42	lb136164
	Calcium	2050	2000	103	80 - 120	P	06/16/2025	14:42	lb136164
	Chromium	9.87	10.0	99	80 - 120	P	06/16/2025	14:42	lb136164
	Cobalt	30.1	30.0	100	80 - 120	P	06/16/2025	14:42	lb136164
	Copper	22.6	20.0	113	80 - 120	P	06/16/2025	14:42	lb136164
	Iron	101	100	101	80 - 120	P	06/16/2025	14:42	lb136164
	Lead	12.5	12.0	104	80 - 120	P	06/16/2025	14:42	lb136164
	Magnesium	2090	2000	105	80 - 120	P	06/16/2025	14:42	lb136164
	Manganese	20.8	20.0	104	80 - 120	P	06/16/2025	14:42	lb136164
	Nickel	39.0	40.0	98	80 - 120	P	06/16/2025	14:42	lb136164
	Potassium	1620	2000	81	80 - 120	P	06/16/2025	14:42	lb136164
	Selenium	18.6	20.0	93	80 - 120	P	06/16/2025	14:42	lb136164
	Silver	10.8	10.0	108	80 - 120	P	06/16/2025	14:42	lb136164
	Sodium	1840	2000	92	80 - 120	P	06/16/2025	14:42	lb136164
	Thallium	37.2	40.0	93	80 - 120	P	06/16/2025	14:42	lb136164
	Vanadium	41.0	40.0	103	80 - 120	P	06/16/2025	14:42	lb136164
	Zinc	41.4	40.0	104	80 - 120	P	06/16/2025	14:42	lb136164

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10400	10000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Antimony	5180	5000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Arsenic	5140	5000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Barium	10300	10000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Beryllium	262	250	105	90 - 110	P	06/16/2025	15:26	lb136164
	Cadmium	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Calcium	26100	25000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Chromium	1050	1000	105	90 - 110	P	06/16/2025	15:26	lb136164
	Cobalt	2560	2500	102	90 - 110	P	06/16/2025	15:26	lb136164
	Copper	1300	1250	104	90 - 110	P	06/16/2025	15:26	lb136164
	Iron	5140	5000	103	90 - 110	P	06/16/2025	15:26	lb136164
	Lead	5100	5000	102	90 - 110	P	06/16/2025	15:26	lb136164
	Magnesium	25400	25000	102	90 - 110	P	06/16/2025	15:26	lb136164
	Manganese	2570	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Nickel	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
	Potassium	25300	25000	101	90 - 110	P	06/16/2025	15:26	lb136164
	Selenium	5180	5000	104	90 - 110	P	06/16/2025	15:26	lb136164
	Silver	1320	1250	106	90 - 110	P	06/16/2025	15:26	lb136164
	Sodium	25600	25000	102	90 - 110	P	06/16/2025	15:26	lb136164
	Thallium	5260	5000	105	90 - 110	P	06/16/2025	15:26	lb136164
	Vanadium	2560	2500	102	90 - 110	P	06/16/2025	15:26	lb136164
	Zinc	2580	2500	103	90 - 110	P	06/16/2025	15:26	lb136164
CCV02	Aluminum	10100	10000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Antimony	5070	5000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Arsenic	5040	5000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	16:29	lb136164
	Beryllium	260	250	104	90 - 110	P	06/16/2025	16:29	lb136164
	Cadmium	2520	2500	101	90 - 110	P	06/16/2025	16:29	lb136164
	Calcium	25500	25000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Chromium	1020	1000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Cobalt	2500	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	16:29	lb136164
	Iron	4960	5000	99	90 - 110	P	06/16/2025	16:29	lb136164
	Lead	4990	5000	100	90 - 110	P	06/16/2025	16:29	lb136164

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24800	25000	99	90 - 110	P	06/16/2025	16:29	lb136164
	Manganese	2490	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Nickel	2510	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Potassium	25100	25000	100	90 - 110	P	06/16/2025	16:29	lb136164
	Selenium	5090	5000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Silver	1280	1250	102	90 - 110	P	06/16/2025	16:29	lb136164
	Sodium	25500	25000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Thallium	5110	5000	102	90 - 110	P	06/16/2025	16:29	lb136164
	Vanadium	2490	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
	Zinc	2510	2500	100	90 - 110	P	06/16/2025	16:29	lb136164
CCV03	Aluminum	10100	10000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Antimony	5060	5000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Arsenic	5060	5000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Barium	10200	10000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Beryllium	258	250	103	90 - 110	P	06/16/2025	17:31	lb136164
	Cadmium	2530	2500	101	90 - 110	P	06/16/2025	17:31	lb136164
	Calcium	25300	25000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Chromium	1010	1000	101	90 - 110	P	06/16/2025	17:31	lb136164
	Cobalt	2510	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
	Copper	1280	1250	102	90 - 110	P	06/16/2025	17:31	lb136164
	Iron	4950	5000	99	90 - 110	P	06/16/2025	17:31	lb136164
	Lead	4990	5000	100	90 - 110	P	06/16/2025	17:31	lb136164
	Magnesium	25000	25000	100	90 - 110	P	06/16/2025	17:31	lb136164
	Manganese	2480	2500	99	90 - 110	P	06/16/2025	17:31	lb136164
	Nickel	2510	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
	Potassium	24900	25000	99	90 - 110	P	06/16/2025	17:31	lb136164
	Selenium	5070	5000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Silver	1260	1250	101	90 - 110	P	06/16/2025	17:31	lb136164
	Sodium	25600	25000	102	90 - 110	P	06/16/2025	17:31	lb136164
	Thallium	5150	5000	103	90 - 110	P	06/16/2025	17:31	lb136164
	Vanadium	2490	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
	Zinc	2500	2500	100	90 - 110	P	06/16/2025	17:31	lb136164
CCV04	Aluminum	10000	10000	100	90 - 110	P	06/16/2025	18:29	lb136164
	Antimony	5030	5000	101	90 - 110	P	06/16/2025	18:29	lb136164

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4970	5000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Barium	10200	10000	102	90 - 110	P	06/16/2025	18:29	lb136164
	Beryllium	258	250	103	90 - 110	P	06/16/2025	18:29	lb136164
	Cadmium	2500	2500	100	90 - 110	P	06/16/2025	18:29	lb136164
	Calcium	25000	25000	100	90 - 110	P	06/16/2025	18:29	lb136164
	Chromium	988	1000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Cobalt	2490	2500	99	90 - 110	P	06/16/2025	18:29	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	18:29	lb136164
	Iron	4870	5000	97	90 - 110	P	06/16/2025	18:29	lb136164
	Lead	4960	5000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Magnesium	24700	25000	99	90 - 110	P	06/16/2025	18:29	lb136164
	Manganese	2450	2500	98	90 - 110	P	06/16/2025	18:29	lb136164
	Nickel	2490	2500	100	90 - 110	P	06/16/2025	18:29	lb136164
	Potassium	25700	25000	103	90 - 110	P	06/16/2025	18:29	lb136164
	Selenium	5010	5000	100	90 - 110	P	06/16/2025	18:29	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	18:29	lb136164
	Sodium	25900	25000	104	90 - 110	P	06/16/2025	18:29	lb136164
	Thallium	5090	5000	102	90 - 110	P	06/16/2025	18:29	lb136164
	Vanadium	2480	2500	99	90 - 110	P	06/16/2025	18:29	lb136164
	Zinc	2520	2500	101	90 - 110	P	06/16/2025	18:29	lb136164
CCV05	Aluminum	10100	10000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Antimony	5050	5000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Arsenic	4990	5000	100	90 - 110	P	06/16/2025	19:17	lb136164
	Barium	10400	10000	104	90 - 110	P	06/16/2025	19:17	lb136164
	Beryllium	267	250	107	90 - 110	P	06/16/2025	19:17	lb136164
	Cadmium	2510	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Calcium	25300	25000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Chromium	989	1000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Cobalt	2480	2500	99	90 - 110	P	06/16/2025	19:17	lb136164
	Copper	1320	1250	106	90 - 110	P	06/16/2025	19:17	lb136164
	Iron	4930	5000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Lead	4950	5000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Magnesium	24800	25000	99	90 - 110	P	06/16/2025	19:17	lb136164
	Manganese	2470	2500	99	90 - 110	P	06/16/2025	19:17	lb136164

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2500	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Potassium	26600	25000	106	90 - 110	P	06/16/2025	19:17	lb136164
	Selenium	5040	5000	101	90 - 110	P	06/16/2025	19:17	lb136164
	Silver	1240	1250	99	90 - 110	P	06/16/2025	19:17	lb136164
	Sodium	26400	25000	106	90 - 110	P	06/16/2025	19:17	lb136164
	Thallium	5130	5000	103	90 - 110	P	06/16/2025	19:17	lb136164
	Vanadium	2500	2500	100	90 - 110	P	06/16/2025	19:17	lb136164
	Zinc	2530	2500	101	90 - 110	P	06/16/2025	19:17	lb136164
CCV06	Aluminum	10200	10000	102	90 - 110	P	06/16/2025	20:04	lb136164
	Antimony	5030	5000	100	90 - 110	P	06/16/2025	20:04	lb136164
	Arsenic	4950	5000	99	90 - 110	P	06/16/2025	20:04	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	20:04	lb136164
	Beryllium	266	250	106	90 - 110	P	06/16/2025	20:04	lb136164
	Cadmium	2500	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Calcium	25200	25000	101	90 - 110	P	06/16/2025	20:04	lb136164
	Chromium	1020	1000	102	90 - 110	P	06/16/2025	20:04	lb136164
	Cobalt	2490	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Copper	1320	1250	106	90 - 110	P	06/16/2025	20:04	lb136164
	Iron	4870	5000	97	90 - 110	P	06/16/2025	20:04	lb136164
	Lead	4940	5000	99	90 - 110	P	06/16/2025	20:04	lb136164
	Magnesium	24100	25000	96	90 - 110	P	06/16/2025	20:04	lb136164
	Manganese	2410	2500	96	90 - 110	P	06/16/2025	20:04	lb136164
	Nickel	2500	2500	100	90 - 110	P	06/16/2025	20:04	lb136164
	Potassium	26600	25000	106	90 - 110	P	06/16/2025	20:04	lb136164
	Selenium	5010	5000	100	90 - 110	P	06/16/2025	20:04	lb136164
	Silver	1280	1250	102	90 - 110	P	06/16/2025	20:04	lb136164
	Sodium	26700	25000	107	90 - 110	P	06/16/2025	20:04	lb136164
	Thallium	5060	5000	101	90 - 110	P	06/16/2025	20:04	lb136164
	Vanadium	2420	2500	97	90 - 110	P	06/16/2025	20:04	lb136164
	Zinc	2480	2500	99	90 - 110	P	06/16/2025	20:04	lb136164
CCV07	Aluminum	9940	10000	99	90 - 110	P	06/16/2025	20:52	lb136164
	Antimony	4960	5000	99	90 - 110	P	06/16/2025	20:52	lb136164
	Arsenic	4910	5000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Barium	10100	10000	101	90 - 110	P	06/16/2025	20:52	lb136164

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	263	250	105	90 - 110	P	06/16/2025	20:52	lb136164
	Cadmium	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Calcium	24600	25000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Chromium	982	1000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Cobalt	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Copper	1310	1250	105	90 - 110	P	06/16/2025	20:52	lb136164
	Iron	4710	5000	94	90 - 110	P	06/16/2025	20:52	lb136164
	Lead	4880	5000	98	90 - 110	P	06/16/2025	20:52	lb136164
	Magnesium	23800	25000	95	90 - 110	P	06/16/2025	20:52	lb136164
	Manganese	2380	2500	95	90 - 110	P	06/16/2025	20:52	lb136164
	Nickel	2460	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
	Potassium	26400	25000	106	90 - 110	P	06/16/2025	20:52	lb136164
	Selenium	4960	5000	99	90 - 110	P	06/16/2025	20:52	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	20:52	lb136164
	Sodium	26700	25000	107	90 - 110	P	06/16/2025	20:52	lb136164
	Thallium	4990	5000	100	90 - 110	P	06/16/2025	20:52	lb136164
	Vanadium	2410	2500	96	90 - 110	P	06/16/2025	20:52	lb136164
	Zinc	2440	2500	98	90 - 110	P	06/16/2025	20:52	lb136164
CCV08	Aluminum	9810	10000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Antimony	4940	5000	99	90 - 110	P	06/16/2025	21:14	lb136164
	Arsenic	4870	5000	97	90 - 110	P	06/16/2025	21:14	lb136164
	Barium	9880	10000	99	90 - 110	P	06/16/2025	21:14	lb136164
	Beryllium	259	250	103	90 - 110	P	06/16/2025	21:14	lb136164
	Cadmium	2450	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Calcium	24400	25000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Chromium	984	1000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Cobalt	2440	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Copper	1290	1250	103	90 - 110	P	06/16/2025	21:14	lb136164
	Iron	4660	5000	93	90 - 110	P	06/16/2025	21:14	lb136164
	Lead	4850	5000	97	90 - 110	P	06/16/2025	21:14	lb136164
	Magnesium	23500	25000	94	90 - 110	P	06/16/2025	21:14	lb136164
	Manganese	2350	2500	94	90 - 110	P	06/16/2025	21:14	lb136164
	Nickel	2440	2500	98	90 - 110	P	06/16/2025	21:14	lb136164
	Potassium	26100	25000	104	90 - 110	P	06/16/2025	21:14	lb136164

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4930	5000	98	90 - 110	P	06/16/2025	21:14	lb136164
	Silver	1230	1250	99	90 - 110	P	06/16/2025	21:14	lb136164
	Sodium	26300	25000	105	90 - 110	P	06/16/2025	21:14	lb136164
	Thallium	4970	5000	100	90 - 110	P	06/16/2025	21:14	lb136164
	Vanadium	2380	2500	95	90 - 110	P	06/16/2025	21:14	lb136164
	Zinc	2440	2500	97	90 - 110	P	06/16/2025	21:14	lb136164

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7940	8000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Antimony	4130	4000	103	90 - 110	P	06/17/2025	12:25	LB136187
	Arsenic	3880	4000	97	90 - 110	P	06/17/2025	12:25	LB136187
	Barium	8170	8000	102	90 - 110	P	06/17/2025	12:25	LB136187
	Beryllium	208	200	104	90 - 110	P	06/17/2025	12:25	LB136187
	Cadmium	1970	2000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Calcium	19800	20000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Chromium	816	800	102	90 - 110	P	06/17/2025	12:25	LB136187
	Cobalt	1990	2000	100	90 - 110	P	06/17/2025	12:25	LB136187
	Copper	1050	1000	104	90 - 110	P	06/17/2025	12:25	LB136187
	Iron	3960	4000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Lead	3890	4000	97	90 - 110	P	06/17/2025	12:25	LB136187
	Magnesium	20200	20000	101	90 - 110	P	06/17/2025	12:25	LB136187
	Manganese	2010	2000	100	90 - 110	P	06/17/2025	12:25	LB136187
	Nickel	2000	2000	100	90 - 110	P	06/17/2025	12:25	LB136187
	Potassium	20500	20000	102	90 - 110	P	06/17/2025	12:25	LB136187
	Selenium	3980	4000	99	90 - 110	P	06/17/2025	12:25	LB136187
	Silver	956	1000	96	90 - 110	P	06/17/2025	12:25	LB136187
	Sodium	20700	20000	104	90 - 110	P	06/17/2025	12:25	LB136187
	Thallium	4050	4000	101	90 - 110	P	06/17/2025	12:25	LB136187
	Vanadium	2010	2000	101	90 - 110	P	06/17/2025	12:25	LB136187
	Zinc	2020	2000	101	90 - 110	P	06/17/2025	12:25	LB136187

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	89.5	100	90	80 - 120	P	06/17/2025	12:41	LB136187
	Antimony	54.3	50.0	109	80 - 120	P	06/17/2025	12:41	LB136187
	Arsenic	19.7	20.0	99	80 - 120	P	06/17/2025	12:41	LB136187
	Barium	101	100	101	80 - 120	P	06/17/2025	12:41	LB136187
	Beryllium	6.43	6.0	107	80 - 120	P	06/17/2025	12:41	LB136187
	Cadmium	5.76	6.0	96	80 - 120	P	06/17/2025	12:41	LB136187
	Calcium	2060	2000	103	80 - 120	P	06/17/2025	12:41	LB136187
	Chromium	9.74	10.0	97	80 - 120	P	06/17/2025	12:41	LB136187
	Cobalt	29.8	30.0	100	80 - 120	P	06/17/2025	12:41	LB136187
	Copper	23.3	20.0	117	80 - 120	P	06/17/2025	12:41	LB136187
	Iron	110	100	110	80 - 120	P	06/17/2025	12:41	LB136187
	Lead	12.5	12.0	104	80 - 120	P	06/17/2025	12:41	LB136187
	Magnesium	2130	2000	106	80 - 120	P	06/17/2025	12:41	LB136187
	Manganese	21.1	20.0	105	80 - 120	P	06/17/2025	12:41	LB136187
	Nickel	39.7	40.0	99	80 - 120	P	06/17/2025	12:41	LB136187
	Potassium	1650	2000	82	80 - 120	P	06/17/2025	12:41	LB136187
	Selenium	20.9	20.0	105	80 - 120	P	06/17/2025	12:41	LB136187
	Silver	10.7	10.0	107	80 - 120	P	06/17/2025	12:41	LB136187
	Sodium	1840	2000	92	80 - 120	P	06/17/2025	12:41	LB136187
	Thallium	40.2	40.0	101	80 - 120	P	06/17/2025	12:41	LB136187
	Vanadium	44.7	40.0	112	80 - 120	P	06/17/2025	12:41	LB136187
	Zinc	41.5	40.0	104	80 - 120	P	06/17/2025	12:41	LB136187

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9700	10000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Antimony	4870	5000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Arsenic	4780	5000	96	90 - 110	P	06/17/2025	13:40	LB136187
	Barium	9770	10000	98	90 - 110	P	06/17/2025	13:40	LB136187
	Beryllium	250	250	100	90 - 110	P	06/17/2025	13:40	LB136187
	Cadmium	2420	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
	Calcium	24300	25000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Chromium	983	1000	98	90 - 110	P	06/17/2025	13:40	LB136187
	Cobalt	2400	2500	96	90 - 110	P	06/17/2025	13:40	LB136187
	Copper	1250	1250	100	90 - 110	P	06/17/2025	13:40	LB136187
	Iron	4850	5000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Lead	4790	5000	96	90 - 110	P	06/17/2025	13:40	LB136187
	Magnesium	24100	25000	96	90 - 110	P	06/17/2025	13:40	LB136187
	Manganese	2430	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
	Nickel	2410	2500	96	90 - 110	P	06/17/2025	13:40	LB136187
	Potassium	25100	25000	100	90 - 110	P	06/17/2025	13:40	LB136187
	Selenium	4860	5000	97	90 - 110	P	06/17/2025	13:40	LB136187
	Silver	1230	1250	98	90 - 110	P	06/17/2025	13:40	LB136187
	Sodium	24800	25000	99	90 - 110	P	06/17/2025	13:40	LB136187
	Thallium	4910	5000	98	90 - 110	P	06/17/2025	13:40	LB136187
	Vanadium	2420	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
	Zinc	2430	2500	97	90 - 110	P	06/17/2025	13:40	LB136187
CCV02	Aluminum	9910	10000	99	90 - 110	P	06/17/2025	14:43	LB136187
	Antimony	5000	5000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Arsenic	4880	5000	98	90 - 110	P	06/17/2025	14:43	LB136187
	Barium	10100	10000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Beryllium	253	250	101	90 - 110	P	06/17/2025	14:43	LB136187
	Cadmium	2460	2500	99	90 - 110	P	06/17/2025	14:43	LB136187
	Calcium	25200	25000	101	90 - 110	P	06/17/2025	14:43	LB136187
	Chromium	1000	1000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Cobalt	2450	2500	98	90 - 110	P	06/17/2025	14:43	LB136187
	Copper	1260	1250	101	90 - 110	P	06/17/2025	14:43	LB136187
	Iron	4990	5000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Lead	4900	5000	98	90 - 110	P	06/17/2025	14:43	LB136187

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24800	25000	99	90 - 110	P	06/17/2025	14:43	LB136187
	Manganese	2490	2500	99	90 - 110	P	06/17/2025	14:43	LB136187
	Nickel	2460	2500	98	90 - 110	P	06/17/2025	14:43	LB136187
	Potassium	26000	25000	104	90 - 110	P	06/17/2025	14:43	LB136187
	Selenium	4930	5000	98	90 - 110	P	06/17/2025	14:43	LB136187
	Silver	1270	1250	102	90 - 110	P	06/17/2025	14:43	LB136187
	Sodium	25100	25000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Thallium	5030	5000	100	90 - 110	P	06/17/2025	14:43	LB136187
	Vanadium	2500	2500	100	90 - 110	P	06/17/2025	14:43	LB136187
	Zinc	2510	2500	100	90 - 110	P	06/17/2025	14:43	LB136187
CCV03	Aluminum	9900	10000	99	90 - 110	P	06/17/2025	15:38	LB136187
	Antimony	4860	5000	97	90 - 110	P	06/17/2025	15:38	LB136187
	Arsenic	4740	5000	95	90 - 110	P	06/17/2025	15:38	LB136187
	Barium	9710	10000	97	90 - 110	P	06/17/2025	15:38	LB136187
	Beryllium	247	250	99	90 - 110	P	06/17/2025	15:38	LB136187
	Cadmium	2400	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Calcium	24400	25000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Chromium	981	1000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Cobalt	2370	2500	95	90 - 110	P	06/17/2025	15:38	LB136187
	Copper	1230	1250	99	90 - 110	P	06/17/2025	15:38	LB136187
	Iron	4870	5000	97	90 - 110	P	06/17/2025	15:38	LB136187
	Lead	4740	5000	95	90 - 110	P	06/17/2025	15:38	LB136187
	Magnesium	23800	25000	95	90 - 110	P	06/17/2025	15:38	LB136187
	Manganese	2400	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Nickel	2390	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Potassium	25100	25000	100	90 - 110	P	06/17/2025	15:38	LB136187
	Selenium	4770	5000	96	90 - 110	P	06/17/2025	15:38	LB136187
	Silver	1230	1250	99	90 - 110	P	06/17/2025	15:38	LB136187
	Sodium	24400	25000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Thallium	4890	5000	98	90 - 110	P	06/17/2025	15:38	LB136187
	Vanadium	2390	2500	96	90 - 110	P	06/17/2025	15:38	LB136187
	Zinc	2420	2500	97	90 - 110	P	06/17/2025	15:38	LB136187
CCV04	Aluminum	10000	10000	100	90 - 110	P	06/17/2025	16:30	LB136187
	Antimony	4980	5000	100	90 - 110	P	06/17/2025	16:30	LB136187

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4840	5000	97	90 - 110	P	06/17/2025	16:30	LB136187
	Barium	10100	10000	101	90 - 110	P	06/17/2025	16:30	LB136187
	Beryllium	260	250	104	90 - 110	P	06/17/2025	16:30	LB136187
	Cadmium	2460	2500	98	90 - 110	P	06/17/2025	16:30	LB136187
	Calcium	25400	25000	101	90 - 110	P	06/17/2025	16:30	LB136187
	Chromium	1010	1000	101	90 - 110	P	06/17/2025	16:30	LB136187
	Cobalt	2430	2500	97	90 - 110	P	06/17/2025	16:30	LB136187
	Copper	1290	1250	103	90 - 110	P	06/17/2025	16:30	LB136187
	Iron	4980	5000	100	90 - 110	P	06/17/2025	16:30	LB136187
	Lead	4850	5000	97	90 - 110	P	06/17/2025	16:30	LB136187
	Magnesium	24500	25000	98	90 - 110	P	06/17/2025	16:30	LB136187
	Manganese	2470	2500	99	90 - 110	P	06/17/2025	16:30	LB136187
	Nickel	2460	2500	98	90 - 110	P	06/17/2025	16:30	LB136187
	Potassium	26400	25000	105	90 - 110	P	06/17/2025	16:30	LB136187
	Selenium	4880	5000	98	90 - 110	P	06/17/2025	16:30	LB136187
	Silver	1280	1250	102	90 - 110	P	06/17/2025	16:30	LB136187
	Sodium	25400	25000	102	90 - 110	P	06/17/2025	16:30	LB136187
	Thallium	5020	5000	100	90 - 110	P	06/17/2025	16:30	LB136187
	Vanadium	2460	2500	98	90 - 110	P	06/17/2025	16:30	LB136187
	Zinc	2490	2500	100	90 - 110	P	06/17/2025	16:30	LB136187
CCV05	Aluminum	10000	10000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Antimony	4950	5000	99	90 - 110	P	06/17/2025	17:37	LB136187
	Arsenic	4820	5000	96	90 - 110	P	06/17/2025	17:37	LB136187
	Barium	10000	10000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Beryllium	257	250	103	90 - 110	P	06/17/2025	17:37	LB136187
	Cadmium	2460	2500	98	90 - 110	P	06/17/2025	17:37	LB136187
	Calcium	25000	25000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Chromium	1010	1000	101	90 - 110	P	06/17/2025	17:37	LB136187
	Cobalt	2420	2500	97	90 - 110	P	06/17/2025	17:37	LB136187
	Copper	1280	1250	102	90 - 110	P	06/17/2025	17:37	LB136187
	Iron	4900	5000	98	90 - 110	P	06/17/2025	17:37	LB136187
	Lead	4850	5000	97	90 - 110	P	06/17/2025	17:37	LB136187
	Magnesium	24300	25000	97	90 - 110	P	06/17/2025	17:37	LB136187
	Manganese	2440	2500	98	90 - 110	P	06/17/2025	17:37	LB136187

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2450	2500	98	90 - 110	P	06/17/2025	17:37	LB136187
	Potassium	25900	25000	104	90 - 110	P	06/17/2025	17:37	LB136187
	Selenium	4880	5000	98	90 - 110	P	06/17/2025	17:37	LB136187
	Silver	1270	1250	102	90 - 110	P	06/17/2025	17:37	LB136187
	Sodium	25200	25000	101	90 - 110	P	06/17/2025	17:37	LB136187
	Thallium	5010	5000	100	90 - 110	P	06/17/2025	17:37	LB136187
	Vanadium	2430	2500	97	90 - 110	P	06/17/2025	17:37	LB136187
	Zinc	2480	2500	99	90 - 110	P	06/17/2025	17:37	LB136187
CCV06	Aluminum	9900	10000	99	90 - 110	P	06/17/2025	18:38	LB136187
	Antimony	4920	5000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Arsenic	4800	5000	96	90 - 110	P	06/17/2025	18:38	LB136187
	Barium	9840	10000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Beryllium	256	250	102	90 - 110	P	06/17/2025	18:38	LB136187
	Cadmium	2440	2500	98	90 - 110	P	06/17/2025	18:38	LB136187
	Calcium	24800	25000	99	90 - 110	P	06/17/2025	18:38	LB136187
	Chromium	987	1000	99	90 - 110	P	06/17/2025	18:38	LB136187
	Cobalt	2420	2500	97	90 - 110	P	06/17/2025	18:38	LB136187
	Copper	1270	1250	102	90 - 110	P	06/17/2025	18:38	LB136187
	Iron	4900	5000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Lead	4820	5000	96	90 - 110	P	06/17/2025	18:38	LB136187
	Magnesium	23900	25000	96	90 - 110	P	06/17/2025	18:38	LB136187
	Manganese	2400	2500	96	90 - 110	P	06/17/2025	18:38	LB136187
	Nickel	2430	2500	97	90 - 110	P	06/17/2025	18:38	LB136187
	Potassium	25800	25000	103	90 - 110	P	06/17/2025	18:38	LB136187
	Selenium	4890	5000	98	90 - 110	P	06/17/2025	18:38	LB136187
	Silver	1250	1250	100	90 - 110	P	06/17/2025	18:38	LB136187
	Sodium	25100	25000	100	90 - 110	P	06/17/2025	18:38	LB136187
	Thallium	4980	5000	100	90 - 110	P	06/17/2025	18:38	LB136187
	Vanadium	2400	2500	96	90 - 110	P	06/17/2025	18:38	LB136187
	Zinc	2420	2500	97	90 - 110	P	06/17/2025	18:38	LB136187
CCV07	Aluminum	9890	10000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Antimony	4960	5000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Arsenic	4860	5000	97	90 - 110	P	06/17/2025	19:25	LB136187
	Barium	10100	10000	100	90 - 110	P	06/17/2025	19:25	LB136187

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	259	250	103	90 - 110	P	06/17/2025	19:25	LB136187
	Cadmium	2450	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Calcium	24800	25000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Chromium	986	1000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Cobalt	2440	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Copper	1300	1250	104	90 - 110	P	06/17/2025	19:25	LB136187
	Iron	4900	5000	98	90 - 110	P	06/17/2025	19:25	LB136187
	Lead	4870	5000	97	90 - 110	P	06/17/2025	19:25	LB136187
	Magnesium	24200	25000	97	90 - 110	P	06/17/2025	19:25	LB136187
	Manganese	2430	2500	97	90 - 110	P	06/17/2025	19:25	LB136187
	Nickel	2440	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Potassium	26200	25000	105	90 - 110	P	06/17/2025	19:25	LB136187
	Selenium	4940	5000	99	90 - 110	P	06/17/2025	19:25	LB136187
	Silver	1240	1250	99	90 - 110	P	06/17/2025	19:25	LB136187
	Sodium	26000	25000	104	90 - 110	P	06/17/2025	19:25	LB136187
	Thallium	4990	5000	100	90 - 110	P	06/17/2025	19:25	LB136187
	Vanadium	2450	2500	98	90 - 110	P	06/17/2025	19:25	LB136187
	Zinc	2470	2500	99	90 - 110	P	06/17/2025	19:25	LB136187
CCV08	Aluminum	9820	10000	98	90 - 110	P	06/17/2025	20:17	LB136187
	Antimony	4930	5000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Arsenic	4850	5000	97	90 - 110	P	06/17/2025	20:17	LB136187
	Barium	9910	10000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Beryllium	251	250	100	90 - 110	P	06/17/2025	20:17	LB136187
	Cadmium	2440	2500	98	90 - 110	P	06/17/2025	20:17	LB136187
	Calcium	24500	25000	98	90 - 110	P	06/17/2025	20:17	LB136187
	Chromium	968	1000	97	90 - 110	P	06/17/2025	20:17	LB136187
	Cobalt	2440	2500	98	90 - 110	P	06/17/2025	20:17	LB136187
	Copper	1270	1250	101	90 - 110	P	06/17/2025	20:17	LB136187
	Iron	4770	5000	95	90 - 110	P	06/17/2025	20:17	LB136187
	Lead	4870	5000	98	90 - 110	P	06/17/2025	20:17	LB136187
	Magnesium	24100	25000	96	90 - 110	P	06/17/2025	20:17	LB136187
	Manganese	2390	2500	96	90 - 110	P	06/17/2025	20:17	LB136187
	Nickel	2440	2500	97	90 - 110	P	06/17/2025	20:17	LB136187
	Potassium	26000	25000	104	90 - 110	P	06/17/2025	20:17	LB136187

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4940	5000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Silver	1230	1250	98	90 - 110	P	06/17/2025	20:17	LB136187
	Sodium	25700	25000	103	90 - 110	P	06/17/2025	20:17	LB136187
	Thallium	4970	5000	99	90 - 110	P	06/17/2025	20:17	LB136187
	Vanadium	2410	2500	96	90 - 110	P	06/17/2025	20:17	LB136187
	Zinc	2440	2500	98	90 - 110	P	06/17/2025	20:17	LB136187

Alliance TECHNICAL GROUP
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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	105	70 - 130	CV	06/16/2025	13:01	LB136159
CRI01	Aluminum	104	100	104	65 - 135	P	06/16/2025	14:53	lb136164
	Antimony	53.0	50.0	106	65 - 135	P	06/16/2025	14:53	lb136164
	Arsenic	16.3	20.0	82	65 - 135	P	06/16/2025	14:53	lb136164
	Barium	101	100	101	65 - 135	P	06/16/2025	14:53	lb136164
	Beryllium	6.39	6.0	106	65 - 135	P	06/16/2025	14:53	lb136164
	Cadmium	5.66	6.0	94	65 - 135	P	06/16/2025	14:53	lb136164
	Calcium	2030	2000	101	65 - 135	P	06/16/2025	14:53	lb136164
	Chromium	9.79	10.0	98	65 - 135	P	06/16/2025	14:53	lb136164
	Cobalt	29.9	30.0	100	65 - 135	P	06/16/2025	14:53	lb136164
	Copper	23.0	20.0	115	65 - 135	P	06/16/2025	14:53	lb136164
	Iron	110	100	110	65 - 135	P	06/16/2025	14:53	lb136164
	Lead	11.5	12.0	96	65 - 135	P	06/16/2025	14:53	lb136164
	Magnesium	2080	2000	104	65 - 135	P	06/16/2025	14:53	lb136164
	Manganese	21.2	20.0	106	65 - 135	P	06/16/2025	14:53	lb136164
	Nickel	38.8	40.0	97	65 - 135	P	06/16/2025	14:53	lb136164
	Potassium	1610	2000	81	65 - 135	P	06/16/2025	14:53	lb136164
	Selenium	17.6	20.0	88	65 - 135	P	06/16/2025	14:53	lb136164
	Silver	11.0	10.0	110	65 - 135	P	06/16/2025	14:53	lb136164
	Sodium	1830	2000	91	65 - 135	P	06/16/2025	14:53	lb136164
	Thallium	39.1	40.0	98	65 - 135	P	06/16/2025	14:53	lb136164
	Vanadium	37.5	40.0	94	65 - 135	P	06/16/2025	14:53	lb136164
	Zinc	41.7	40.0	104	65 - 135	P	06/16/2025	14:53	lb136164
CRI01	Aluminum	114	100	114	65 - 135	P	06/17/2025	12:50	LB136187
	Antimony	52.5	50.0	105	65 - 135	P	06/17/2025	12:50	LB136187
	Arsenic	19.4	20.0	97	65 - 135	P	06/17/2025	12:50	LB136187
	Barium	104	100	104	65 - 135	P	06/17/2025	12:50	LB136187
	Beryllium	6.43	6.0	107	65 - 135	P	06/17/2025	12:50	LB136187
	Cadmium	5.77	6.0	96	65 - 135	P	06/17/2025	12:50	LB136187
	Calcium	2040	2000	102	65 - 135	P	06/17/2025	12:50	LB136187
	Chromium	9.38	10.0	94	65 - 135	P	06/17/2025	12:50	LB136187
	Cobalt	30.0	30.0	100	65 - 135	P	06/17/2025	12:50	LB136187
	Copper	23.2	20.0	116	65 - 135	P	06/17/2025	12:50	LB136187
	Iron	103	100	103	65 - 135	P	06/17/2025	12:50	LB136187
	Lead	11.7	12.0	97	65 - 135	P	06/17/2025	12:50	LB136187

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Metals

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CRDL STANDARD FOR AA & ICP

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2150	2000	108	65 - 135	P	06/17/2025	12:50	LB136187
	Manganese	20.6	20.0	103	65 - 135	P	06/17/2025	12:50	LB136187
	Nickel	39.1	40.0	98	65 - 135	P	06/17/2025	12:50	LB136187
	Potassium	1660	2000	83	65 - 135	P	06/17/2025	12:50	LB136187
	Selenium	18.0	20.0	90	65 - 135	P	06/17/2025	12:50	LB136187
	Silver	10.8	10.0	108	65 - 135	P	06/17/2025	12:50	LB136187
	Sodium	1870	2000	94	65 - 135	P	06/17/2025	12:50	LB136187
	Thallium	39.8	40.0	99	65 - 135	P	06/17/2025	12:50	LB136187
	Vanadium	43.2	40.0	108	65 - 135	P	06/17/2025	12:50	LB136187
	Zinc	41.8	40.0	104	65 - 135	P	06/17/2025	12:50	LB136187

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	257000	250000	103	216000	294000	06/16/2025	14:59	lb136164
	Antimony	23.3			-50	50	06/16/2025	14:59	lb136164
	Arsenic	-2.78			-20	20	06/16/2025	14:59	lb136164
	Barium	7.67	6.0	128	-94	106	06/16/2025	14:59	lb136164
	Beryllium	1.43			-6	6	06/16/2025	14:59	lb136164
	Cadmium	-1.53	1.0	153	-5	7	06/16/2025	14:59	lb136164
	Calcium	248000	240000	103	208000	282000	06/16/2025	14:59	lb136164
	Chromium	51.2	52.0	98	42	62	06/16/2025	14:59	lb136164
	Cobalt	22.8			-30	30	06/16/2025	14:59	lb136164
	Copper	-9.05	2.0	452	-18	22	06/16/2025	14:59	lb136164
	Iron	106000	100000	106	85600	116500	06/16/2025	14:59	lb136164
	Lead	4.50			-12	12	06/16/2025	14:59	lb136164
	Magnesium	254000	260000	98	216000	294000	06/16/2025	14:59	lb136164
	Manganese	5.70	7.0	81	-13	27	06/16/2025	14:59	lb136164
	Nickel	1.27	2.0	64	-38	42	06/16/2025	14:59	lb136164
	Potassium	1.45			0	0	06/16/2025	14:59	lb136164
	Selenium	-0.94			-20	20	06/16/2025	14:59	lb136164
	Silver	5.28			-10	10	06/16/2025	14:59	lb136164
	Sodium	116			0	0	06/16/2025	14:59	lb136164
	Thallium	19.4			-40	40	06/16/2025	14:59	lb136164
	Vanadium	-4.49			-40	40	06/16/2025	14:59	lb136164
	Zinc	11.4			-40	40	06/16/2025	14:59	lb136164
ICSAB01	Aluminum	253000	250000	101	209000	285000	06/16/2025	15:06	lb136164
	Antimony	638	620	103	525	711	06/16/2025	15:06	lb136164
	Arsenic	94.4	100	94	88.4	120	06/16/2025	15:06	lb136164
	Barium	539	540	100	437	637	06/16/2025	15:06	lb136164
	Beryllium	533	500	107	420	570	06/16/2025	15:06	lb136164
	Cadmium	1030	970	106	826	1120	06/16/2025	15:06	lb136164
	Calcium	246000	230000	107	199000	271000	06/16/2025	15:06	lb136164
	Chromium	563	540	104	460	624	06/16/2025	15:06	lb136164
	Cobalt	524	480	109	404	548	06/16/2025	15:06	lb136164
	Copper	495	510	97	434	588	06/16/2025	15:06	lb136164
	Iron	105000	99000	106	84400	114500	06/16/2025	15:06	lb136164
	Lead	52.7	49.0	108	37	61	06/16/2025	15:06	lb136164
	Magnesium	253000	250000	101	210000	286000	06/16/2025	15:06	lb136164
	Manganese	519	510	102	430	584	06/16/2025	15:06	lb136164
	Nickel	1010	950	106	810	1100	06/16/2025	15:06	lb136164
	Potassium	-3.59			0	0	06/16/2025	15:06	lb136164
	Selenium	55.7	46.0	121	26	66	06/16/2025	15:06	lb136164
	Silver	173	200	86	170	232	06/16/2025	15:06	lb136164
	Sodium	103			0	0	06/16/2025	15:06	lb136164
	Thallium	104	110	94	68	148	06/16/2025	15:06	lb136164

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	507	490	104	417	565	06/16/2025	15:06	lb136164
	Zinc	1070	950	113	809	1095	06/16/2025	15:06	lb136164
ICSA01	Aluminum	247000	250000	99	216000	294000	06/17/2025	13:11	LB136187
	Antimony	21.2			-50	50	06/17/2025	13:11	LB136187
	Arsenic	-3.71			-20	20	06/17/2025	13:11	LB136187
	Barium	5.50	6.0	92	-94	106	06/17/2025	13:11	LB136187
	Beryllium	0.28			-6	6	06/17/2025	13:11	LB136187
	Cadmium	-1.65	1.0	165	-5	7	06/17/2025	13:11	LB136187
	Calcium	238000	240000	99	208000	282000	06/17/2025	13:11	LB136187
	Chromium	48.2	52.0	93	42	62	06/17/2025	13:11	LB136187
	Cobalt	22.0			-30	30	06/17/2025	13:11	LB136187
	Copper	-8.46	2.0	423	-18	22	06/17/2025	13:11	LB136187
	Iron	103000	100000	103	85600	116500	06/17/2025	13:11	LB136187
	Lead	5.50			-12	12	06/17/2025	13:11	LB136187
	Magnesium	245000	260000	94	216000	294000	06/17/2025	13:11	LB136187
	Manganese	5.99	7.0	86	-13	27	06/17/2025	13:11	LB136187
	Nickel	2.10	2.0	105	-38	42	06/17/2025	13:11	LB136187
	Potassium	0.58			0	0	06/17/2025	13:11	LB136187
	Selenium	0.58			-20	20	06/17/2025	13:11	LB136187
	Silver	4.61			-10	10	06/17/2025	13:11	LB136187
	Sodium	116			0	0	06/17/2025	13:11	LB136187
	Thallium	14.1			-40	40	06/17/2025	13:11	LB136187
	Vanadium	1.78			-40	40	06/17/2025	13:11	LB136187
	Zinc	10.3			-40	40	06/17/2025	13:11	LB136187
ICSAB01	Aluminum	251000	250000	100	209000	285000	06/17/2025	13:22	LB136187
	Antimony	630	620	102	525	711	06/17/2025	13:22	LB136187
	Arsenic	94.8	100	95	88.4	120	06/17/2025	13:22	LB136187
	Barium	523	540	97	437	637	06/17/2025	13:22	LB136187
	Beryllium	524	500	105	420	570	06/17/2025	13:22	LB136187
	Cadmium	1020	970	105	826	1120	06/17/2025	13:22	LB136187
	Calcium	242000	230000	105	199000	271000	06/17/2025	13:22	LB136187
	Chromium	564	540	104	460	624	06/17/2025	13:22	LB136187
	Cobalt	522	480	109	404	548	06/17/2025	13:22	LB136187
	Copper	492	510	96	434	588	06/17/2025	13:22	LB136187
	Iron	104000	99000	105	84400	114500	06/17/2025	13:22	LB136187
	Lead	53.1	49.0	108	37	61	06/17/2025	13:22	LB136187
	Magnesium	249000	250000	100	210000	286000	06/17/2025	13:22	LB136187
	Manganese	509	510	100	430	584	06/17/2025	13:22	LB136187
	Nickel	1000	950	105	810	1100	06/17/2025	13:22	LB136187
	Potassium	-2.54			0	0	06/17/2025	13:22	LB136187
	Selenium	50.7	46.0	110	26	66	06/17/2025	13:22	LB136187
	Silver	173	200	86	170	232	06/17/2025	13:22	LB136187

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Metals
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INTERFERENCE CHECK SAMPLE

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

ICS Source: EPA **Instrument ID:** P5

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	122			0	0	06/17/2025	13:22	LB136187
	Thallium	97.4	110	88	68	148	06/17/2025	13:22	LB136187
	Vanadium	503	490	103	417	565	06/17/2025	13:22	LB136187
	Zinc	1050	950	110	809	1095	06/17/2025	13:22	LB136187

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2303

contract: PORT06 **lab code:** CHEM **case no.:** Q2303 **sas no.:** Q2303

matrix: Solid **sample id:** Q2303-02 **client id:** B-170-SB03MS

Percent Solids for Sample: 92.7 **Spiked ID:** Q2303-02MS **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.16	D	0.90	D	0.28	91		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2303

contract: PORT06 **lab code:** CHEM **case no.:** Q2303 **sas no.:** Q2303

matrix: Solid **sample id:** Q2303-02 **client id:** B-170-SB03MSD

Percent Solids for Sample: 92.7 **Spiked ID:** Q2303-02MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	1.17	D	0.90	D	0.28	95		CV

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metals
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MATRIX SPIKE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2303

contract: PORT06 **lab code:** CHEM **case no.:** Q2303 **sas no.:** Q2303

matrix: Solid **sample id:** Q2310-01 **client id:** TP-7MS

Percent Solids for Sample: 88.7 **Spiked ID:** Q2310-01MS **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5700		5180		100	518		P
Antimony	mg/Kg	75 - 125	16.5		0.94	J	40.1	39	N	P
Arsenic	mg/Kg	75 - 125	43.3		3.11		40.1	100		P
Barium	mg/Kg	75 - 125	50.8		40.7		10.0	101		P
Beryllium	mg/Kg	75 - 125	8.36		0.53		10.0	78		P
Cadmium	mg/Kg	75 - 125	10.3		0.30	U	10.0	102		P
Calcium	mg/Kg	75 - 125	2150		1790		50.1	721		P
Chromium	mg/Kg	75 - 125	25.9		10.5		20.0	77		P
Cobalt	mg/Kg	75 - 125	18.4		7.73		10.0	107		P
Copper	mg/Kg	75 - 125	57.8		36.3		15.0	143	N	P
Iron	mg/Kg	75 - 125	11800		11700		150	69		P
Lead	mg/Kg	75 - 125	64.3		14.3		50.1	100		P
Magnesium	mg/Kg	75 - 125	3110		2850		100	265		P
Manganese	mg/Kg	75 - 125	392		378		10.0	140		P
Nickel	mg/Kg	75 - 125	40.7		14.1		25.1	106		P
Potassium	mg/Kg	75 - 125	1390		957		500	87		P
Selenium	mg/Kg	75 - 125	70.3		1.61		100	69	N	P
Silver	mg/Kg	75 - 125	3.35		0.50		3.8	76		P
Sodium	mg/Kg	75 - 125	792		699		150	62		P
Thallium	mg/Kg	75 - 125	101		1.99	U	100	101		P
Vanadium	mg/Kg	75 - 125	27.2		15.8		15.0	76		P
Zinc	mg/Kg	75 - 125	43.2		33.4		10.0	98		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: Portal Partners Tri-Venture **level:** low **sdg no.:** Q2303

contract: PORT06 **lab code:** CHEM **case no.:** Q2303 **sas no.:** Q2303

matrix: Solid **sample id:** Q2310-01 **client id:** TP-7MSD

Percent Solids for Sample: 88.7 **Spiked ID:** Q2310-01MSD **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	5200		5180		95.9	16		P
Antimony	mg/Kg	75 - 125	15.4		0.94	J	38.4	38	N	P
Arsenic	mg/Kg	75 - 125	40.4		3.11		38.4	97		P
Barium	mg/Kg	75 - 125	46.4		40.7		9.6	59		P
Beryllium	mg/Kg	75 - 125	7.76		0.53		9.6	75		P
Cadmium	mg/Kg	75 - 125	9.54		0.30	U	9.6	99		P
Calcium	mg/Kg	75 - 125	2090		1790		48.0	627		P
Chromium	mg/Kg	75 - 125	24.0		10.5		19.2	70	N	P
Cobalt	mg/Kg	75 - 125	17.0		7.73		9.6	97		P
Copper	mg/Kg	75 - 125	49.4		36.3		14.4	91		P
Iron	mg/Kg	75 - 125	10900		11700		140	-553		P
Lead	mg/Kg	75 - 125	59.1		14.3		48.0	94		P
Magnesium	mg/Kg	75 - 125	2760		2850		95.9	-88		P
Manganese	mg/Kg	75 - 125	331		378		9.6	-498		P
Nickel	mg/Kg	75 - 125	37.6		14.1		24.0	98		P
Potassium	mg/Kg	75 - 125	1270		957		480	65	N	P
Selenium	mg/Kg	75 - 125	65.1		1.61		95.9	66	N	P
Silver	mg/Kg	75 - 125	3.16		0.50		3.6	74	N	P
Sodium	mg/Kg	75 - 125	738		699		140	28		P
Thallium	mg/Kg	75 - 125	94.5		1.99	U	95.9	98		P
Vanadium	mg/Kg	75 - 125	25.4		15.8		14.4	67	N	P
Zinc	mg/Kg	75 - 125	39.0		33.4		9.6	58	N	P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Matrix: Solid **Level:** LOW **Client ID:** TP-7A

Sample ID: Q2310-01 **Spiked ID:** Q2310-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	28.3		0.94	J	39.7	69	N	P
Chromium	mg/Kg	75 - 125	24.5		10.5		19.9	70	N	P
Copper	mg/Kg	75 - 125	46.1		36.3		14.9	66	N	P
Potassium	mg/Kg	75 - 125	1300		957		500	68	N	P
Selenium	mg/Kg	75 - 125	66.2		1.61		99.3	65	N	P
Silver	mg/Kg	75 - 125	3.05		0.50		3.70	69	N	P
Vanadium	mg/Kg	75 - 125	25.7		15.8		14.9	66	N	P
Zinc	mg/Kg	75 - 125	40.3		33.4		9.90	70	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Matrix: Solid **Sample ID:** Q2303-02 **Client ID:** B-170-SB03DUP

Percent Solids for Sample: 92.7 **Duplicate ID** Q2303-02DUP **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.90	D	1.03	D	13		CV

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Matrix: Solid **Sample ID:** Q2303-02MS **Client ID:** B-170-SB03MSD

Percent Solids for Sample: 92.7 **Duplicate ID** Q2303-02MSD **Percent Solids for Spike Sample:** 92.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	1.16	D	1.17	D	1		CV

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

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Matrix: Solid **Sample ID:** Q2310-01 **Client ID:** TP-7DUP

Percent Solids for Sample: 88.7 **Duplicate ID** Q2310-01DUP **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5180		4840		7		P
Antimony	mg/Kg	20	0.94	J	0.90	J	3		P
Arsenic	mg/Kg	20	3.11		3.20		3		P
Barium	mg/Kg	20	40.7		40.7		0		P
Beryllium	mg/Kg	20	0.53		0.57		7		P
Cadmium	mg/Kg	20	0.30	U	0.28	U			P
Calcium	mg/Kg	20	1790		1960		9		P
Chromium	mg/Kg	20	10.5		10.2		3		P
Cobalt	mg/Kg	20	7.73		8.01		4		P
Copper	mg/Kg	20	36.3		34.0		7		P
Iron	mg/Kg	20	11700		11200		4		P
Lead	mg/Kg	20	14.3		15.0		5		P
Magnesium	mg/Kg	20	2850		2850		0		P
Manganese	mg/Kg	20	378		328		14		P
Nickel	mg/Kg	20	14.1		13.7		3		P
Potassium	mg/Kg	20	957		1050		9		P
Selenium	mg/Kg	20	1.61		1.56		3		P
Silver	mg/Kg	20	0.50		0.48		4		P
Sodium	mg/Kg	20	699		649		7		P
Thallium	mg/Kg	20	1.99	U	1.85	U			P
Vanadium	mg/Kg	20	15.8		15.6		1		P
Zinc	mg/Kg	20	33.4		32.3		3		P

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

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DUPLICATE SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **Level:** LOW **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Matrix: Solid **Sample ID:** Q2310-01MS **Client ID:** TP-7MSD

Percent Solids for Sample: 88.7 **Duplicate ID** Q2310-01MSD **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5700		5200		9		P
Antimony	mg/Kg	20	16.5		15.4		7		P
Arsenic	mg/Kg	20	43.3		40.4		7		P
Barium	mg/Kg	20	50.8		46.4		9		P
Beryllium	mg/Kg	20	8.36		7.76		7		P
Cadmium	mg/Kg	20	10.3		9.54		7		P
Calcium	mg/Kg	20	2150		2090		3		P
Chromium	mg/Kg	20	25.9		24.0		8		P
Cobalt	mg/Kg	20	18.4		17.0		8		P
Copper	mg/Kg	20	57.8		49.4		16		P
Iron	mg/Kg	20	11800		10900		8		P
Lead	mg/Kg	20	64.3		59.1		8		P
Magnesium	mg/Kg	20	3110		2760		12		P
Manganese	mg/Kg	20	392		331		17		P
Nickel	mg/Kg	20	40.7		37.6		8		P
Potassium	mg/Kg	20	1390		1270		9		P
Selenium	mg/Kg	20	70.3		65.1		8		P
Silver	mg/Kg	20	3.35		3.16		6		P
Sodium	mg/Kg	20	792		738		7		P
Thallium	mg/Kg	20	101		94.5		7		P
Vanadium	mg/Kg	20	27.2		25.4		7		P
Zinc	mg/Kg	20	43.2		39.0		10		P

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

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168472BS							
Aluminum	mg/Kg	100	104		104	80 - 120	P
Antimony	mg/Kg	40.0	42.3		106	80 - 120	P
Arsenic	mg/Kg	40.0	38.2		96	80 - 120	P
Barium	mg/Kg	10.0	10.6		106	80 - 120	P
Beryllium	mg/Kg	10.0	11.1		111	80 - 120	P
Cadmium	mg/Kg	10.0	9.93		99	80 - 120	P
Calcium	mg/Kg	50.0	53.1	J	106	80 - 120	P
Chromium	mg/Kg	20.0	20.5		102	80 - 120	P
Cobalt	mg/Kg	10.0	10.0		100	80 - 120	P
Copper	mg/Kg	15.0	17.3		115	80 - 120	P
Iron	mg/Kg	150	168		112	80 - 120	P
Lead	mg/Kg	50.0	49.1		98	80 - 120	P
Magnesium	mg/Kg	100	106		106	80 - 120	P
Manganese	mg/Kg	10.0	10.6		106	80 - 120	P
Nickel	mg/Kg	25.0	25.4		102	80 - 120	P
Potassium	mg/Kg	500	474		95	80 - 120	P
Selenium	mg/Kg	100	103		103	80 - 120	P
Silver	mg/Kg	3.8	3.85		101	80 - 120	P
Sodium	mg/Kg	150	157		105	80 - 120	P
Thallium	mg/Kg	100	106		106	80 - 120	P
Vanadium	mg/Kg	15.0	15.1		101	80 - 120	P
Zinc	mg/Kg	10.0	11.1		111	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168482BS							
Mercury	mg/Kg	0.26	0.26		101	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

B-170-SB03L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb136159 **Lab Sample ID :** Q2303-02L **SDG No.:** Q2303

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.87	OR	0.72		17		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-7L

Lab Name: Chemtech Consulting Group **Contract:** PORT06

Lab Code: CHEM **Lb No.:** lb136187 **Lab Sample ID :** Q2310-01L **SDG No.:** Q2303

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	5180		6810		31		P
Antimony	0.94	J	12.4	U	100.0		P
Arsenic	3.11		3.71	J	19		P
Barium	40.7		53.2		31		P
Beryllium	0.53		0.71	J	34		P
Cadmium	0.30	U	1.49	U			P
Calcium	1790		2310		29		P
Chromium	10.5		13.7		30		P
Cobalt	7.73		8.03		4		P
Copper	36.3		49.7		37		P
Iron	11700		15300		31		P
Lead	14.3		14.9		4		P
Magnesium	2850		3780		33		P
Manganese	378		509		35		P
Nickel	14.1		14.0		1		P
Potassium	957		1030		8		P
Selenium	1.61		1.91	J	18		P
Silver	0.50		0.80	J	60		P
Sodium	699		916		31		P
Thallium	1.99	U	9.93	U			P
Vanadium	15.8		21.5		37		P
Zinc	33.4		44.2		33		P

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2303 **Sas no.:** Q2303 **Sdg no.:** Q2303

Instrument id number: **Method:** **Run number:** LB136159

Start date: 06/16/2025 **End date:** 06/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1225	HG
S0.2	S0.2	1	1227	HG
S2.5	S2.5	1	1229	HG
S5	S5	1	1231	HG
S7.5	S7.5	1	1234	HG
S10	S10	1	1244	HG
ICV39	ICV39	1	1252	HG
ICB39	ICB39	1	1254	HG
CCV45	CCV45	1	1256	HG
CCB45	CCB45	1	1258	HG
CRA	CRA	1	1301	HG
PB168482BL	PB168482BL	1	1308	HG
PB168482BS	PB168482BS	1	1313	HG
Q2303-01	B-165-SB01	1	1315	HG
CCV46	CCV46	1	1330	HG
CCB46	CCB46	1	1333	HG
Q2303-02L	B-170-SB03L	5	1344	HG
CCV47	CCV47	1	1349	HG
CCB47	CCB47	1	1352	HG
Q2303-02	B-170-SB03	2	1354	HG
Q2303-02DUP	B-170-SB03DUP	2	1356	HG
Q2303-02MS	B-170-SB03MS	2	1359	HG
Q2303-02MSD	B-170-SB03MSD	2	1404	HG
CCV48	CCV48	1	1411	HG
CCB48	CCB48	1	1414	HG

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2303 **Sas no.:** Q2303 **Sdg no.:** Q2303

Instrument id number: **Method:** **Run number:** lb136164

Start date: 06/16/2025 **End date:** 06/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1252	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1256	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1309	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1313	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1442	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1449	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1459	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1506	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1530	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2303-01	B-165-SB01	1	1549	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2303-02	B-170-SB03	1	1553	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1629	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168472BL	PB168472BL	1	1644	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168472BS	PB168472BS	1	1648	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1749	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1829	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1833	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1917	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1921	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2004	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2008	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2052	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2056	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2114	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2118	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: Portal Partners Tri-Venture **Contract:** PORT06

Lab code: CHEM **Case no.:** Q2303 **Sas no.:** Q2303 **Sdg no.:** Q2303

Instrument id number: **Method:** **Run number:** LB136187

Start date: 06/17/2025 **End date:** 06/17/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1207	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1241	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1246	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1311	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1322	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1443	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1538	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1542	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01DUP	TP-7DUP	1	1608	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01L	TP-7L	5	1612	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01MS	TP-7MS	1	1617	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01MSD	TP-7MSD	1	1621	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2310-01A	TP-7A	1	1625	Ag,Cr,Cu,K,Sb,Se,V,Zn
CCV04	CCV04	1	1630	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1634	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1737	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1838	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1842	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1925	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1930	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2017	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2022	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Case No.:** Q2303 **SAS No.:** Q2303

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q2303	**OrderDate:**	6/12/2025 12:09:00 PM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2303-01	**B-165-SB01**	**SOIL**			**06/11/25**			**06/11/25**
			Mercury	7471B		06/13/25	06/16/25	
			Metals ICP-TAL	6010D		06/13/25	06/16/25	
Q2303-02	**B-170-SB03**	**SOIL**			**06/11/25**			**06/11/25**
			Mercury	7471B		06/13/25	06/16/25	
			Metals ICP-TAL	6010D		06/13/25	06/16/25	

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q2303 **SAS No.:** Q2303

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168472**						
PB168472BL	PB168472BL	MB	SOLID	06/13/2025	2.00	100.0	100.00
PB168472BS	PB168472BS	LCS	SOLID	06/13/2025	2.00	100.0	100.00
Q2303-01	B-165-SB01	SAM	SOLID	06/13/2025	2.30	100.0	83.60
Q2303-02	B-170-SB03	SAM	SOLID	06/13/2025	2.21	100.0	92.70
Q2310-01DUP	TP-7DUP	DUP	SOLID	06/13/2025	2.44	100.0	88.70
Q2310-01MS	TP-7MS	MS	SOLID	06/13/2025	2.25	100.0	88.70
Q2310-01MSD	TP-7MSD	MSD	SOLID	06/13/2025	2.35	100.0	88.70

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SAMPLE PREPARATION SUMMARY

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Contract: PORT06 **Lab Code:** CHEM **Method:**

Case No.: Q2303 **SAS No.:** Q2303

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168482**						
PB168482BL	PB168482BL	MB	SOLID	06/13/2025	0.52	35.0	100.00
PB168482BS	PB168482BS	LCS	SOLID	06/13/2025	0.54	35.0	100.00
Q2303-01	B-165-SB01	SAM	SOLID	06/13/2025	0.53	35.0	83.60
Q2303-02	B-170-SB03	SAM	SOLID	06/13/2025	0.57	35.0	92.70
Q2303-02DUP	B-170-SB03DUP	DUP	SOLID	06/13/2025	0.55	35.0	92.70
Q2303-02MS	B-170-SB03MS	MS	SOLID	06/13/2025	0.53	35.0	92.70
Q2303-02MSD	B-170-SB03MSD	MSD	SOLID	06/13/2025	0.54	35.0	92.70

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136159

Review By	MOHAN	Review On	6/16/2025 4:38:10 PM
Supervise By	jaswal	Supervise On	6/16/2025 5:53:17 PM

STD. NAME	STD REF.#
ICAL Standard	MP85971,MP85972,MP85973,MP85974,MP85975,MP85976
ICV Standard	MP85977
CCV Standard	MP85979
ICSA Standard	
CRI Standard	MP85981
LCS Standard	
Chk Standard	MP85978,MP85980,MP85982,MP85986

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/16/25 12:25		MOHAN	OK
2	S0.2	S0.2	CAL2	06/16/25 12:27		MOHAN	OK
3	S2.5	S2.5	CAL3	06/16/25 12:29		MOHAN	OK
4	S5	S5	CAL4	06/16/25 12:31		MOHAN	OK
5	S7.5	S7.5	CAL5	06/16/25 12:34		MOHAN	OK
6	S10	S10	CAL6	06/16/25 12:44		MOHAN	OK
7	ICV39	ICV39	ICV	06/16/25 12:52		MOHAN	OK
8	ICB39	ICB39	ICB	06/16/25 12:54		MOHAN	OK
9	CCV45	CCV45	CCV	06/16/25 12:56		MOHAN	OK
10	CCB45	CCB45	CCB	06/16/25 12:58		MOHAN	OK
11	CRA	CRA	CRDL	06/16/25 13:01		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/16/25 13:03		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/16/25 13:05		MOHAN	OK
14	PB168482BL	PB168482BL	MB	06/16/25 13:08		MOHAN	OK
15	PB168482BS	PB168482BS	LCS	06/16/25 13:13		MOHAN	OK
16	Q2303-01	B-165-SB01	SAM	06/16/25 13:15		MOHAN	OK
17	Q2303-02	B-170-SB03	SAM	06/16/25 13:17	Hg High	MOHAN	Dilution
18	Q2303-02DUP	B-170-SB03DUP	DUP	06/16/25 13:20	Hg High	MOHAN	Dilution

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136159

Review By	MOHAN	Review On	6/16/2025 4:38:10 PM
Supervise By	jaswal	Supervise On	6/16/2025 5:53:17 PM

STD. NAME	STD REF.#
ICAL Standard	MP85971,MP85972,MP85973,MP85974,MP85975,MP85976
ICV Standard	MP85977
CCV Standard	MP85979
ICSA Standard	
CRI Standard	MP85981
LCS Standard	
Chk Standard	MP85978,MP85980,MP85982,MP85986

19	Q2303-02MS	B-170-SB03MS	MS	06/16/25 13:22	Hg High	MOHAN	Dilution
20	Q2303-02MSD	B-170-SB03MSD	MSD	06/16/25 13:28	Hg High	MOHAN	Dilution
21	CCV46	CCV46	CCV	06/16/25 13:30		MOHAN	OK
22	CCB46	CCB46	CCB	06/16/25 13:33		MOHAN	OK
23	Q2311-01	TP03-MH2MH3-WC	SAM	06/16/25 13:35		MOHAN	OK
24	Q2311-05	TP04-MH4-WC	SAM	06/16/25 13:38		MOHAN	OK
25	Q2319-01	MH-B	SAM	06/16/25 13:40		MOHAN	OK
26	Q2328-01	CHRT25653	SAM	06/16/25 13:42		MOHAN	OK
27	Q2303-02L	B-170-SB03L	SD	06/16/25 13:44		MOHAN	OK
28	Q2303-02A	B-170-SB03A	PS	06/16/25 13:47	Hg High	MOHAN	Dilution
29	CCV47	CCV47	CCV	06/16/25 13:49		MOHAN	OK
30	CCB47	CCB47	CCB	06/16/25 13:52		MOHAN	OK
31	Q2303-02DL	B-170-SB03DL	SAM	06/16/25 13:54	2X For Hg	MOHAN	Confirms
32	Q2303-02DUPDL	B-170-SB03DUPDL	DUP	06/16/25 13:56	2X For Hg	MOHAN	Confirms
33	Q2303-02MSDL	B-170-SB03MSDL	MS	06/16/25 13:59	2X For Hg	MOHAN	Confirms
34	Q2303-02MSDDL	B-170-SB03MSDDL	MSD	06/16/25 14:04	2X For Hg	MOHAN	Confirms
35	Q2303-02LDL	B-170-SB03LDL	SD	06/16/25 14:07	Not Required	MOHAN	Not Ok
36	Q2303-02ADL	B-170-SB03ADL	PS	06/16/25 14:09	2X For Hg	MOHAN	Confirms
37	CCV48	CCV48	CCV	06/16/25 14:11		MOHAN	OK
38	CCB48	CCB48	CCB	06/16/25 14:14		MOHAN	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/16/25 12:52		Jaswal	OK
2	S1	S1	CAL2	06/16/25 12:56		Jaswal	OK
3	S2	S2	CAL3	06/16/25 13:01		Jaswal	OK
4	S3	S3	CAL4	06/16/25 13:05		Jaswal	OK
5	S4	S4	CAL5	06/16/25 13:09		Jaswal	OK
6	S5	S5	CAL6	06/16/25 13:13		Jaswal	OK
7	ICV01	ICV01	ICV	06/16/25 14:03		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/16/25 14:42		Jaswal	OK
9	ICB01	ICB01	ICB	06/16/25 14:49		Jaswal	OK
10	CRI01	CRI01	CRDL	06/16/25 14:53		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/16/25 14:59		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/16/25 15:06		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/16/25 15:12		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/16/25 15:20		Jaswal	OK
15	CCV01	CCV01	CCV	06/16/25 15:26		Jaswal	OK
16	CCB01	CCB01	CCB	06/16/25 15:30		Jaswal	OK
17	Q2287-02	CONCRETE-SLAB	SAM	06/16/25 15:35		Jaswal	OK
18	Q2295-04	TP01-MH1-WC	SAM	06/16/25 15:40		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2295-08	TP02-MH5-WC	SAM	06/16/25 15:44		Jaswal	OK
20	Q2303-01	B-165-SB01	SAM	06/16/25 15:49		Jaswal	OK
21	Q2303-02	B-170-SB03	SAM	06/16/25 15:53		Jaswal	OK
22	Q2308-01	EO-02-06122025	SAM	06/16/25 15:58		Jaswal	OK
23	Q2328-01	CHRT25653	SAM	06/16/25 16:02		Jaswal	OK
24	PB168428TB	PB168428TB	MB	06/16/25 16:06		Jaswal	OK
25	PB168477BL	PB168477BL	MB	06/16/25 16:15		Jaswal	OK
26	PB168477BS	PB168477BS	LCS	06/16/25 16:19		Jaswal	OK
27	CCV02	CCV02	CCV	06/16/25 16:29		Jaswal	OK
28	CCB02	CCB02	CCB	06/16/25 16:34		Jaswal	OK
29	PB168472BL	PB168472BL	MB	06/16/25 16:44		Jaswal	OK
30	PB168472BS	PB168472BS	LCS	06/16/25 16:48		Jaswal	OK
31	Q2296-04	WC-1	SAM	06/16/25 16:54		Jaswal	OK
32	Q2296-08	WC-2	SAM	06/16/25 16:59		Jaswal	OK
33	Q2296-12	WC-3	SAM	06/16/25 17:03		Jaswal	OK
34	Q2296-16	WC-4	SAM	06/16/25 17:08		Jaswal	OK
35	Q2296-20	WC-5	SAM	06/16/25 17:12		Jaswal	OK
36	Q2296-24	WC-6	SAM	06/16/25 17:17		Jaswal	OK
37	Q2297-04	TP-3	SAM	06/16/25 17:21		Jaswal	OK
38	Q2301-03	WC-URBAN-FILL-C	SAM	06/16/25 17:26		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

39	CCV03	CCV03	CCV	06/16/25 17:31		Jaswal	OK
40	CCB03	CCB03	CCB	06/16/25 17:49		Jaswal	OK
41	Q2310-04	TP-7	SAM	06/16/25 17:54		Jaswal	OK
42	Q2310-04DUP	TP-7DUP	DUP	06/16/25 17:58		Jaswal	OK
43	Q2310-04L	TP-7L	SD	06/16/25 18:03		Jaswal	OK
44	Q2310-04MS	TP-7MS	MS	06/16/25 18:07		Jaswal	OK
45	Q2310-04MSD	TP-7MSD	MSD	06/16/25 18:11		Jaswal	OK
46	Q2310-04A	TP-7A	PS	06/16/25 18:16		Jaswal	OK
47	Q2298-01	AU-05-061125	SAM	06/16/25 18:20		Jaswal	OK
48	Q2305-01	TR-04-06122025	SAM	06/16/25 18:25		Jaswal	OK
49	CCV04	CCV04	CCV	06/16/25 18:29		Jaswal	OK
50	CCB04	CCB04	CCB	06/16/25 18:33		Jaswal	OK
51	Q2307-01	LINDEN-SAA	SAM	06/16/25 18:38	CCB5 fail for Cd	Jaswal	Not Ok
52	Q2310-01	TP-7	SAM	06/16/25 18:42	CCB5 fail for Cd	Jaswal	Not Ok
53	Q2310-01DUP	TP-7DUP	DUP	06/16/25 18:46	CCB5 fail for Cd	Jaswal	Not Ok
54	Q2310-01L	TP-7L	SD	06/16/25 18:51	CCB5 fail for Cd	Jaswal	Not Ok
55	Q2310-01MS	TP-7MS	MS	06/16/25 18:55	CCB5 fail for Cd	Jaswal	Not Ok
56	Q2310-01MSD	TP-7MSD	MSD	06/16/25 18:59	CCB5 fail for Cd	Jaswal	Not Ok
57	Q2310-01A	TP-7A	PS	06/16/25 19:04	CCB5 fail for Cd	Jaswal	Not Ok
58	Q2311-01	TP03-MH2MH3-WC	SAM	06/16/25 19:08	CCB5 fail for Cd	Jaswal	Not Ok

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

59	Q2311-05	TP04-MH4-WC	SAM	06/16/25 19:12	CCB5 fail for Cd	Jaswal	Not Ok
60	CCV05	CCV05	CCV	06/16/25 19:17		Jaswal	OK
61	CCB05	CCB05	CCB	06/16/25 19:21	Fail for Cd	Jaswal	OK
62	Q2296-01	WC-1	SAM	06/16/25 19:25	CCB5 fail for Cd	Jaswal	Not Ok
63	Q2296-01DUP	WC-1DUP	DUP	06/16/25 19:30	CCB5 fail for Cd	Jaswal	Not Ok
64	Q2296-01L	WC-1L	SD	06/16/25 19:34	CCB5 fail for Cd	Jaswal	Not Ok
65	Q2296-01MS	WC-1MS	MS	06/16/25 19:38	CCB5 fail for Cd	Jaswal	Not Ok
66	Q2296-01MSD	WC-1MSD	MSD	06/16/25 19:42	CCB5 fail for Cd	Jaswal	Not Ok
67	Q2296-01A	WC-1A	PS	06/16/25 19:47	CCB5 fail for Cd	Jaswal	Not Ok
68	Q2296-09	WC-3	SAM	06/16/25 19:51	CCB5 fail for Cd	Jaswal	Not Ok
69	Q2296-13	WC-4	SAM	06/16/25 19:55	CCB5 fail for Cd	Jaswal	Not Ok
70	Q2296-17	WC-5	SAM	06/16/25 20:00	CCB5 fail for Cd	Jaswal	Not Ok
71	CCV06	CCV06	CCV	06/16/25 20:04		Jaswal	OK
72	CCB06	CCB06	CCB	06/16/25 20:08		Jaswal	OK
73	Q2296-21	WC-6	SAM	06/16/25 20:13		Jaswal	Not Ok
74	Q2297-01	TP-3	SAM	06/16/25 20:17		Jaswal	OK
75	Q2307-03DL	LINDEN-SAA-WATER	SAM	06/16/25 20:22	Report straight 5X	Jaswal	Not Ok
76	Q2316-01	RW8-SP100-2025061	SAM	06/16/25 20:26		Jaswal	OK
77	Q2316-02	RW8-SP303-2025061	SAM	06/16/25 20:30		Jaswal	OK
78	Q2316-02DUP	RW8-SP303-2025061	DUP	06/16/25 20:35		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136164

Review By	Janvi	Review On	6/18/2025 2:48:50 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:49:54 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

79	Q2316-02L	RW8-SP303-2025061	SD	06/16/25 20:39		Jaswal	OK
80	Q2316-02MS	RW8-SP303-2025061	MS	06/16/25 20:43		Jaswal	OK
81	Q2316-02MSD	RW8-SP303-2025061	MSD	06/16/25 20:48		Jaswal	OK
82	CCV07	CCV07	CCV	06/16/25 20:52		Jaswal	OK
83	CCB07	CCB07	CCB	06/16/25 20:56		Jaswal	OK
84	Q2316-02A	RW8-SP303-2025061	PS	06/16/25 21:01		Jaswal	OK
85	CCV08	CCV08	CCV	06/16/25 21:14		Jaswal	OK
86	CCB08	CCB08	CCB	06/16/25 21:18		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/17/25 11:58		Jaswal	OK
2	S1	S1	CAL2	06/17/25 12:03		Jaswal	OK
3	S2	S2	CAL3	06/17/25 12:07		Jaswal	OK
4	S3	S3	CAL4	06/17/25 12:11		Jaswal	OK
5	S4	S4	CAL5	06/17/25 12:16		Jaswal	OK
6	S5	S5	CAL6	06/17/25 12:20		Jaswal	OK
7	ICV01	ICV01	ICV	06/17/25 12:25		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/17/25 12:41		Jaswal	OK
9	ICB01	ICB01	ICB	06/17/25 12:46		Jaswal	OK
10	CRI01	CRI01	CRDL	06/17/25 12:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/17/25 13:11		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/17/25 13:22		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/17/25 13:28		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/17/25 13:35		Jaswal	OK
15	CCV01	CCV01	CCV	06/17/25 13:40		Jaswal	OK
16	CCB01	CCB01	CCB	06/17/25 13:48		Jaswal	OK
17	Q2264-04	EF-WW	SAM	06/17/25 13:53		Jaswal	OK
18	Q2264-04L	EF-WWL	SD	06/17/25 14:02		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2264-04MS	EF-WWMS	MS	06/17/25 14:06		Jaswal	OK
20	Q2264-04MSD	EF-WWMSD	MSD	06/17/25 14:11		Jaswal	OK
21	Q2264-04A	EF-WWA	PS	06/17/25 14:15	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
22	Q2264-04DUP	EF-WWDUP	DUP	06/17/25 14:21		Jaswal	OK
23	Q2290-01	Outfall 1	SAM	06/17/25 14:25		Jaswal	OK
24	Q2290-02	Outfall 2	SAM	06/17/25 14:30		Jaswal	OK
25	Q2291-01	Outfall 001	SAM	06/17/25 14:34		Jaswal	OK
26	Q2292-01	SW-1	SAM	06/17/25 14:39		Jaswal	OK
27	CCV02	CCV02	CCV	06/17/25 14:43		Jaswal	OK
28	CCB02	CCB02	CCB	06/17/25 14:50		Jaswal	OK
29	Q2292-02	SW-2	SAM	06/17/25 14:54		Jaswal	OK
30	Q2293-01	SW-3	SAM	06/17/25 14:59		Jaswal	OK
31	Q2312-01	TP-1	SAM	06/17/25 15:03		Jaswal	OK
32	Q2319-01	MH-B	SAM	06/17/25 15:07		Jaswal	OK
33	Q2322-01	CL-01-061325	SAM	06/17/25 15:12		Jaswal	OK
34	Q2323-01	PL-01-06132025	SAM	06/17/25 15:16		Jaswal	OK
35	Q2324-01	HD-01-6132025	SAM	06/17/25 15:20		Jaswal	OK
36	Q2325-01	TP-8	SAM	06/17/25 15:25		Jaswal	OK
37	Q2325-01DUP	TP-8DUP	DUP	06/17/25 15:29		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2325-01L	TP-8L	SD	06/17/25 15:34		Jaswal	OK
39	CCV03	CCV03	CCV	06/17/25 15:38		Jaswal	OK
40	CCB03	CCB03	CCB	06/17/25 15:42		Jaswal	OK
41	Q2325-01MS	TP-8MS	MS	06/17/25 15:46		Jaswal	OK
42	Q2325-01MSD	TP-8MSD	MSD	06/17/25 15:51		Jaswal	OK
43	Q2325-01A	TP-8A	PS	06/17/25 15:55	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
44	Q2307-01	LINDEN-SAA	SAM	06/17/25 15:59		Jaswal	OK
45	Q2310-01	TP-7	SAM	06/17/25 16:04		Jaswal	OK
46	Q2310-01DUP	TP-7DUP	DUP	06/17/25 16:08		Jaswal	OK
47	Q2310-01L	TP-7L	SD	06/17/25 16:12		Jaswal	OK
48	Q2310-01MS	TP-7MS	MS	06/17/25 16:17		Jaswal	OK
49	Q2310-01MSD	TP-7MSD	MSD	06/17/25 16:21		Jaswal	OK
50	Q2310-01A	TP-7A	PS	06/17/25 16:25	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
51	CCV04	CCV04	CCV	06/17/25 16:30		Jaswal	OK
52	CCB04	CCB04	CCB	06/17/25 16:34		Jaswal	OK
53	PB168444BL	PB168444BL	MB	06/17/25 16:40		Jaswal	OK
54	PB168444BS	PB168444BS	LCS	06/17/25 16:49		Jaswal	OK
55	PB168489BL	PB168489BL	MB	06/17/25 17:00		Jaswal	OK
56	PB168489BS	PB168489BS	LCS	06/17/25 17:05		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

57	PB168475BL	PB168475BL	MB	06/17/25 17:10		Jaswal	OK
58	PB168475BS	PB168475BS	LCS	06/17/25 17:14		Jaswal	OK
59	PB168490BL	PB168490BL	MB	06/17/25 17:19		Jaswal	OK
60	PB168490BS	PB168490BS	LCS	06/17/25 17:23		Jaswal	OK
61	Q2311-08	TP04-MH4-WC	SAM	06/17/25 17:27		Jaswal	OK
62	Q2311-04	TP03-MH2MH3-WC	SAM	06/17/25 17:32		Jaswal	OK
63	CCV05	CCV05	CCV	06/17/25 17:37		Jaswal	OK
64	CCB05	CCB05	CCB	06/17/25 17:41		Jaswal	OK
65	Q2334-01	MW3	SAM	06/17/25 17:50		Jaswal	OK
66	Q2334-01DUP	MW3DUP	DUP	06/17/25 17:54		Jaswal	OK
67	Q2334-01L	MW3L	SD	06/17/25 17:59		Jaswal	OK
68	Q2334-01MS	MW3MS	MS	06/17/25 18:03		Jaswal	OK
69	Q2334-01MSD	MW3MSD	MSD	06/17/25 18:07		Jaswal	OK
70	Q2334-02	MW4	SAM	06/17/25 18:16		Jaswal	OK
71	Q2334-01A	MW3A	PS	06/17/25 18:20	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
72	Q2334-03DL	GBTW1DL	SAM	06/17/25 18:25		Jaswal	OK
73	Q2296-13	WC-4	SAM	06/17/25 18:29		Jaswal	OK
74	Q2296-17	WC-5	SAM	06/17/25 18:33		Jaswal	OK
75	CCV06	CCV06	CCV	06/17/25 18:38		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

76	CCB06	CCB06	CCB	06/17/25 18:42		Jaswal	OK
77	Q2311-01	TP03-MH2MH3-WC	SAM	06/17/25 18:47		Jaswal	OK
78	Q2311-05	TP04-MH4-WC	SAM	06/17/25 18:51		Jaswal	OK
79	Q2296-01	WC-1	SAM	06/17/25 18:55		Jaswal	OK
80	Q2296-01DUP	WC-1DUP	DUP	06/17/25 19:00		Jaswal	OK
81	Q2296-01L	WC-1L	SD	06/17/25 19:04		Jaswal	OK
82	Q2296-01MS	WC-1MS	MS	06/17/25 19:08		Jaswal	OK
83	Q2296-01MSD	WC-1MSD	MSD	06/17/25 19:12		Jaswal	OK
84	Q2296-01A	WC-1A	PS	06/17/25 19:17	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
85	Q2296-09	WC-3	SAM	06/17/25 19:21		Jaswal	OK
86	CCV07	CCV07	CCV	06/17/25 19:25		Jaswal	OK
87	CCB07	CCB07	CCB	06/17/25 19:30		Jaswal	OK
88	Q2296-21	WC-6	SAM	06/17/25 19:34		Jaswal	OK
89	Q2297-01	TP-3	SAM	06/17/25 19:38		Jaswal	OK
90	Q2307-03DL	LINDEN-SAA-WATER	SAM	06/17/25 19:43		Jaswal	OK
91	Q2316-01	RW8-SP100-2025061	SAM	06/17/25 19:47		Jaswal	OK
92	Q2316-02	RW8-SP303-2025061	SAM	06/17/25 19:51		Jaswal	OK
93	Q2316-02DUP	RW8-SP303-2025061	DUP	06/17/25 19:56		Jaswal	OK
94	Q2316-02L	RW8-SP303-2025061	SD	06/17/25 20:00		Jaswal	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB136187

Review By	jaswal	Review On	6/19/2025 12:06:04 PM
Supervise By	MOHAN	Supervise On	6/19/2025 12:50:23 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872,MP85897
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

95	Q2316-02MS	RW8-SP303-2025061	MS	06/17/25 20:04		Jaswal	OK
96	Q2316-02MSD	RW8-SP303-2025061	MSD	06/17/25 20:09		Jaswal	OK
97	Q2316-02A	RW8-SP303-2025061	PS	06/17/25 20:13	0.1ML M6004,M6013-10ML SAMPLE	Jaswal	OK
98	CCV08	CCV08	CCV	06/17/25 20:17		Jaswal	OK
99	CCB08	CCB08	CCB	06/17/25 20:22		Jaswal	OK

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168472

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 06/13/2025 **Time :** 11:15 **Temp :** 96 °C

End Digest Date: 06/13/2025 **Time :** 13:20 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: SJS.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6007
LFS-2	1.00	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	5.00	M6158
1:1 HNO3	10.00	MP84041
30% H2O2	3.00	M6162
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25 14:20	SJS metals	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB168472

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168472BL	PBS472	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168472BS	LCS472	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6007,M6016	2
Q2298-01	AU-05-061125	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	3
Q2303-01	B-165-SB01	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	4
Q2303-02	B-170-SB03	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	5
Q2305-01	TR-04-06122025	N/A	2.14	100	Brown	Yellow	Medium	N/A	N/A	6
Q2307-01	LINDEN-SAA	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	7
Q2308-01	EO-02-06122025	N/A	2.24	100	Brown	Yellow	Medium	N/A	N/A	8
Q2310-01	TP-7	N/A	2.27	100	Brown	Yellow	Medium	N/A	N/A	9
Q2310-01MS	TP-7MS	N/A	2.25	100	Brown	Yellow	Medium	N/A	M6007,M6016	11
Q2310-01MSD	TP-7MSD	N/A	2.35	100	Brown	Yellow	Medium	N/A	M6007,M6016	12
Q2310-01DUP	TP-7DUP	N/A	2.44	100	Brown	Yellow	Medium	N/A	N/A	10
Q2311-01	TP03-MH2MH3-WC	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	13
Q2311-05	TP04-MH2MH3-WC	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	14

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168482

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pippete ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 06/13/2025 **Time :** 16:00 **Temp :** 94 °C

End Digest Date: 06/13/2025 **Time :** 16:30 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85977
CCV	30mL	MP85979
CRA	30mL	MP85981
Blank Spike	0.48mL	MP85970
Matrix Spike	0.48mL	MP85970

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85983
KMnO4 (5%)	4.5mL	MP85893
Hydroxylamine HCL (12%)	2.0mL	MP85895
PTFE Boiling Stones	----------	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85971
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85972
2.5 ppb	S2.5	30mL	MP85973
5.0 ppb	S5.0	30mL	MP85974
7.5 ppb	S7.5	30mL	MP85975
10.0 ppb	S10.0	30mL	MP85976
ICV	ICV	30mL	MP85977
ICB	ICB	30mL	MP85978
CCV	CCV	30mL	MP85979
CCB	CCB	30mL	MP85980
CRI	CRI	30mL	MP85981
CHK STD	CHK STD	30mL	MP85982

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/13/25 @ 17:16	Dig Lab	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Mercury Preparation Sheet

PB168482

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168482BL	PBS482	0.52	35	NA	N/A	3-1
PB168482BS	LCS482	0.54	35	NA	MP85970	2
Q2303-01	B-165-SB01	0.53	35	NA	N/A	3
Q2303-02	B-170-SB03	0.57	35	NA	N/A	4
Q2303-02DUP	B-170-SB03DUP	0.55	35	NA	N/A	5
Q2303-02MS	B-170-SB03MS	0.53	35	NA	MP85970	6
Q2303-02MSD	B-170-SB03MSD	0.54	35	NA	MP85970	7
Q2311-01	TP03-MH2MH3-WC	0.52	35	NA	N/A	8
Q2311-05	TP04-MH2MH3-WC	0.51	35	NA	N/A	9
Q2319-01	MH-B	0.50	35	NA	N/A	10
Q2328-01	CHRT25653	0.54	35	NA	N/A	11

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25 11:10
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-165-SB01	SDG No.:	Q2303
Lab Sample ID:	Q2303-01	Matrix:	SOIL
		% Solid:	83.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.083	U	1	0.083	0.48	mg/Kg	06/13/25 08:45	06/13/25 12:04	7196A
Trivalent Chromium	14.9		1	0.60	0.60	mg/Kg		06/16/25 15:49	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

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

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Fax : 908 789 8922

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25 11:15
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-170-SB03	SDG No.:	Q2303
Lab Sample ID:	Q2303-02	Matrix:	SOIL
		% Solid:	92.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.13	J	1	0.073	0.42	mg/Kg	06/13/25 08:45	06/13/25 12:05	7196A
Trivalent Chromium	14.3		1	0.54	0.54	mg/Kg		06/16/25 15:53	6010D

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

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

QC RESULT SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Project: Amtrak Sawtooth Bridges 2025 **RunNo.:** LB136147

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	06/13/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.488	0.5	98	90-110	06/13/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	06/13/2025

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Initial and Continuing Calibration Blank Summary

Client:	Portal Partners Tri-Venture	**SDG No.:**	Q2303
Project:	Amtrak Sawtooth Bridges 2025	**RunNo.:**	LB136147

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/13/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/13/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	06/13/2025

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Preparation Blank Summary

Client: Portal Partners Tri-Venture **SDG No.:** Q2303

Project: Amtrak Sawtooth Bridges 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB168457BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	06/13/2025

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Matrix Spike Summary

Client: Portal Partners Tri-Venture
SDG No.: Q2303
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q2310-01
Client ID: TP-7MS
Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1410		0.078	U	1450	40	97		06/13/2025

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Matrix Spike Summary

Client: Portal Partners Tri-Venture
SDG No.: Q2303
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q2310-01
Client ID: TP-7MS
Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	42.3		0.078	U	45.1	2	94		06/13/2025

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Matrix Spike Summary

Client: Portal Partners Tri-Venture
SDG No.: Q2303
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q2310-01
Client ID: TP-7MS
Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	39.9		0.078	U	45.1	2	88		06/13/2025

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Duplicate Sample Summary

Client: Portal Partners Tri-Venture
SDG No.: Q2303
Project: Amtrak Sawtooth Bridges 2025
Sample ID: Q2310-01
Client ID: TP-7DUP
Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.078	U	0.078	U	1	0		06/13/2025

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Laboratory Control Sample Summary

Client:	Portal Partners Tri-Venture	**SDG No.:**	Q2303
Project:	Amtrak Sawtooth Bridges 2025	**Run No.:**	LB136147

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB168457BS								
Hexavalent Chromium	mg/Kg	20	19.6		98	1	84-110	06/13/2025

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Fax : 908 789 8922

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136147

Review By	Iwona	Review On	6/13/2025 12:22:00 PM
Supervise By	jignesh	Supervise On	6/16/2025 11:18:50 AM
SubDirectory	LB136147	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP113516,WP112831,WP112830,WP113087

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	06/13/25 11:50		Iwona	OK
2	CAL2	CAL2	CAL	06/13/25 11:51		Iwona	OK
3	CAL3	CAL3	CAL	06/13/25 11:52		Iwona	OK
4	CAL4	CAL4	CAL	06/13/25 11:53		Iwona	OK
5	CAL5	CAL5	CAL	06/13/25 11:54		Iwona	OK
6	CAL6	CAL6	CAL	06/13/25 11:55		Iwona	OK
7	CAL7	CAL7	CAL	06/13/25 11:56		Iwona	OK
8	ICV	ICV	ICV	06/13/25 11:57		Iwona	OK
9	ICB	ICB	ICB	06/13/25 11:58		Iwona	OK
10	CCV1	CCV1	CCV	06/13/25 11:59		Iwona	OK
11	CCB1	CCB1	CCB	06/13/25 12:00		Iwona	OK
12	RL Check	RL Check	SAM	06/13/25 12:01		Iwona	OK
13	PB168457BL	PB168457BL	MB	06/13/25 12:02		Iwona	OK
14	PB168457BS	PB168457BS	LCS	06/13/25 12:03		Iwona	OK
15	Q2303-01	B-165-SB01	SAM	06/13/25 12:04		Iwona	OK
16	Q2303-02	B-170-SB03	SAM	06/13/25 12:05		Iwona	OK
17	Q2308-01	EO-02-06122025	SAM	06/13/25 12:06		Iwona	OK
18	Q2310-01	TP-7	SAM	06/13/25 12:07		Iwona	OK

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Fax : 908 789 8922

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136147

Review By	Iwona	Review On	6/13/2025 12:22:00 PM
Supervise By	jignesh	Supervise On	6/16/2025 11:18:50 AM
SubDirectory	LB136147	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP113516,WP112831,WP112830,WP113087

19	Q2310-01DUP	TP-7DUP	DUP	06/13/25 12:08		Iwona	OK
20	Q2310-01MSPre	TP-7MS	MS	06/13/25 12:09		Iwona	OK
21	Q2310-01MS2Ins	TP-7MS	MS	06/13/25 12:10		Iwona	OK
22	Q2310-01MS3Post	TP-7MS	MS	06/13/25 12:11		Iwona	OK
23	CCV2	CCV2	CCV	06/13/25 12:12		Iwona	OK
24	CCB2	CCB2	CCB	06/13/25 12:13		Iwona	OK

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LAB CHRONICLE

OrderID:	Q2303	**OrderDate:**	6/12/2025 12:09:00 PM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2303-01	**B-165-SB01**	**SOIL**			**06/11/25 11:10**			**06/11/25**
			Hexavalent Chromium	7196A		06/13/25	06/13/25 12:04	
			Trivalent Chromium	6010D			06/16/25 15:49	
Q2303-02	**B-170-SB03**	**SOIL**			**06/11/25 11:15**			**06/11/25**
			Hexavalent Chromium	7196A		06/13/25	06/13/25 12:05	
			Trivalent Chromium	6010D			06/16/25 15:53	

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Soil/Sludge Hexavalent Chromium Preparation Sheet

PB168457

SOP ID : M3060A,7196A-Hex.Chromium-26

SDG No : N/A

Matrix : SOIL

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#3

Block ID : WC S-2, WC S-1

Weigh By : IZ

Start Digest Date: 06/13/2025 **Time :** 08:45 **Temp :** 90 °C

End Digest Date: 06/13/2025 **Time :** 09:50 **Temp :** 94 °C

Initial Boiler 06/13/25 10:10 92°C

06/13/25 11:10 95°C

Digestion tube ID : M6054

Filter paper ID : 400213

pH Meter ID : WC pH meter-1

Block Thermometer ID : WC-Block#1

Prep Technician Signature: IZ

Supervisor Signature:

Standared Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP111315
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP111315
LCSS	1.0ML	WP111316
PBS003	50.ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3152
PHOSPHATE BUFFER	0.5ML	WP112903
HEX. DIGESTION SOLN.	50.0ML	WP113085
5M HNO3	5-7ML	WP112830
5N H2SO4	1-3ML	WP112831
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP113515
CAL3	CAL3	0.5ML	WP113515
CAL4	CAL4	1ML	WP113515
CAL5	CAL5	0.2ML	WP111315
CAL6	CAL6	1ML	WP111315
CAL7	CAL7	2.0ML	WP111315
ICV	ICV	1ML	WP111316
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP111315
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

12 6/13/25

Alliance TECHNICAL GROUP

Soil/Sludge Hexavalent Chromium Preparation Sheet

PB168457

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB168457BL	PBS457	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB168457BS	LCS457	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2303-01	B-165-SB01	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2303-02	B-170-SB03	2.57	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2308-01	EO-02-06122025	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2310-01	TP-7	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2310-01DUP	TP-7DUP	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2310-01MSPre	TP-7MSPRE	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2310-01MS2Ins	TP-7MS2INS	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
Q2310-01MS3Post	TP-7MS3POST	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2303
COC Number 2046552

8
8.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Gannett Fleming
ADDRESS: 1010 Adams Ave
CITY Audobon STATE: PA ZIP: 19405
ATTENTION: Joe Krupansky
PHONE: 610-301-8342 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Amtrak Replacement of SB
PROJECT NO.: 9500000818 LOCATION: Kearny, NJ
PROJECT MANAGER: Joe Krupansky
e-mail: QAQC@BEMSYS.com
PHONE: 610-301-8342 FAX:

CLIENT BILLING INFORMATION

BILL TO: Alliance PO#:
ADDRESS: 284 Sheffield St
CITY Mountainside STATE: NJ ZIP: 07092
ATTENTION: Samaula Beasly PHONE: 908-788-3148

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT BEM EDD

ANALYSIS

1: PCBs; 2: TAL Metals; 3: Cr(VI) Cr(III); 4; 5; 6; 7; 8; 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	B-165-SB01	S		X	6/11/25	11:10	1	X	X	X							
2.	B-170-SB03	S		X	6/11/25	11:15	1	X	X	X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jessy Martinez	6/11/25 13:07	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.7 °C
Comments: B-165-SB01 & B-170-SB03 have limited volume

Page 1 of 1

CLIENT: ☑ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488