

Cover Page

Order ID : Q2100

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number

Q2100-01
Q2100-02
Q2100-03
Q2100-04

Client Sample Number

TP-16
TP-22
TP-21
TP-45

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: 5/31/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2100

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 Custody

✓

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: PRADIP PRAJAPATI

Date: 05/31/2025

LAB CHRONICLE

OrderID:	Q2100	OrderDate:	5/20/2025 3:22:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2100-01	TP-16	SOIL			05/19/25			05/20/25
			Mercury	7471B		05/23/25	05/23/25	
			Metals ICP-TAL	6010D		05/21/25	05/30/25	
Q2100-02	TP-22	SOIL			05/19/25			05/20/25
			Mercury	7471B		05/23/25	05/23/25	
			Metals ICP-TAL	6010D		05/21/25	05/30/25	
Q2100-03	TP-21	SOIL			05/20/25			05/20/25
			Mercury	7471B		05/23/25	05/23/25	
			Metals ICP-TAL	6010D		05/21/25	05/30/25	
Q2100-04	TP-45	SOIL			05/20/25			05/20/25
			Mercury	7471B		05/23/25	05/23/25	
			Metals ICP-TAL	6010D		05/21/25	05/30/25	

Hit Summary Sheet
SW-846

SDG No.:	Q2100	Order ID:	Q2100
Client:	CDM Smith	Project ID:	South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-16								
Q2100-01	TP-16	SOIL	Aluminum	2640		0.82	4.90	mg/Kg
Q2100-01	TP-16	SOIL	Arsenic	5.94		0.19	0.98	mg/Kg
Q2100-01	TP-16	SOIL	Barium	5.69		0.72	4.90	mg/Kg
Q2100-01	TP-16	SOIL	Beryllium	0.82		0.024	0.29	mg/Kg
Q2100-01	TP-16	SOIL	Cadmium	1.03		0.024	0.29	mg/Kg
Q2100-01	TP-16	SOIL	Calcium	698		10.9	97.9	mg/Kg
Q2100-01	TP-16	SOIL	Chromium	14.4		0.046	0.49	mg/Kg
Q2100-01	TP-16	SOIL	Cobalt	3.09		0.098	1.47	mg/Kg
Q2100-01	TP-16	SOIL	Copper	24.8		0.22	0.98	mg/Kg
Q2100-01	TP-16	SOIL	Iron	46600		3.91	4.90	mg/Kg
Q2100-01	TP-16	SOIL	Lead	5.44		0.13	0.59	mg/Kg
Q2100-01	TP-16	SOIL	Magnesium	97.4	J	11.8	97.9	mg/Kg
Q2100-01	TP-16	SOIL	Manganese	130		0.14	0.98	mg/Kg
Q2100-01	TP-16	SOIL	Nickel	4.36		0.13	1.96	mg/Kg
Q2100-01	TP-16	SOIL	Potassium	165		27.1	97.9	mg/Kg
Q2100-01	TP-16	SOIL	Sodium	246		17.4	97.9	mg/Kg
Q2100-01	TP-16	SOIL	Vanadium	31.3		0.25	1.96	mg/Kg
Q2100-01	TP-16	SOIL	Zinc	22.6		0.23	1.96	mg/Kg
Client ID : TP-22								
Q2100-02	TP-22	SOIL	Aluminum	3840		0.90	5.34	mg/Kg
Q2100-02	TP-22	SOIL	Arsenic	6.80		0.20	1.07	mg/Kg
Q2100-02	TP-22	SOIL	Barium	16.1		0.78	5.34	mg/Kg
Q2100-02	TP-22	SOIL	Beryllium	0.73		0.027	0.32	mg/Kg
Q2100-02	TP-22	SOIL	Cadmium	0.84		0.026	0.32	mg/Kg
Q2100-02	TP-22	SOIL	Calcium	1640		11.9	107	mg/Kg
Q2100-02	TP-22	SOIL	Chromium	8.92		0.050	0.53	mg/Kg
Q2100-02	TP-22	SOIL	Cobalt	3.34		0.11	1.60	mg/Kg
Q2100-02	TP-22	SOIL	Copper	18.4		0.24	1.07	mg/Kg
Q2100-02	TP-22	SOIL	Iron	39000		4.26	5.34	mg/Kg
Q2100-02	TP-22	SOIL	Lead	17.7		0.14	0.64	mg/Kg
Q2100-02	TP-22	SOIL	Magnesium	553		12.8	107	mg/Kg
Q2100-02	TP-22	SOIL	Manganese	154		0.15	1.07	mg/Kg
Q2100-02	TP-22	SOIL	Mercury	0.091		0.0080	0.015	mg/Kg
Q2100-02	TP-22	SOIL	Nickel	3.19		0.14	2.14	mg/Kg
Q2100-02	TP-22	SOIL	Potassium	369		29.6	107	mg/Kg
Q2100-02	TP-22	SOIL	Sodium	675		19.0	107	mg/Kg
Q2100-02	TP-22	SOIL	Vanadium	22.3		0.27	2.14	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2100

Order ID: Q2100

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2100-02	TP-22	SOIL	Zinc	14.8		0.25	2.14	mg/Kg
Client ID : TP-21								
Q2100-03	TP-21	SOIL	Aluminum	3330		0.99	5.87	mg/Kg
Q2100-03	TP-21	SOIL	Arsenic	10.3		0.22	1.17	mg/Kg
Q2100-03	TP-21	SOIL	Barium	18.4		0.86	5.87	mg/Kg
Q2100-03	TP-21	SOIL	Beryllium	0.55		0.029	0.35	mg/Kg
Q2100-03	TP-21	SOIL	Cadmium	0.78		0.028	0.35	mg/Kg
Q2100-03	TP-21	SOIL	Calcium	1960		13.0	117	mg/Kg
Q2100-03	TP-21	SOIL	Chromium	12.2		0.055	0.59	mg/Kg
Q2100-03	TP-21	SOIL	Cobalt	2.72		0.12	1.76	mg/Kg
Q2100-03	TP-21	SOIL	Copper	19.7		0.26	1.17	mg/Kg
Q2100-03	TP-21	SOIL	Iron	27800		4.68	5.87	mg/Kg
Q2100-03	TP-21	SOIL	Lead	23.7		0.15	0.70	mg/Kg
Q2100-03	TP-21	SOIL	Magnesium	332		14.1	117	mg/Kg
Q2100-03	TP-21	SOIL	Manganese	44.1		0.16	1.17	mg/Kg
Q2100-03	TP-21	SOIL	Mercury	0.020		0.010	0.017	mg/Kg
Q2100-03	TP-21	SOIL	Nickel	2.61		0.15	2.35	mg/Kg
Q2100-03	TP-21	SOIL	Potassium	383		32.5	117	mg/Kg
Q2100-03	TP-21	SOIL	Sodium	794		20.9	117	mg/Kg
Q2100-03	TP-21	SOIL	Vanadium	27.7		0.29	2.35	mg/Kg
Q2100-03	TP-21	SOIL	Zinc	11.5		0.27	2.35	mg/Kg
Client ID : TP-45								
Q2100-04	TP-45	SOIL	Aluminum	3260		1.01	6.02	mg/Kg
Q2100-04	TP-45	SOIL	Arsenic	8.43		0.23	1.20	mg/Kg
Q2100-04	TP-45	SOIL	Barium	14.4		0.88	6.02	mg/Kg
Q2100-04	TP-45	SOIL	Beryllium	0.53		0.030	0.36	mg/Kg
Q2100-04	TP-45	SOIL	Cadmium	0.71		0.029	0.36	mg/Kg
Q2100-04	TP-45	SOIL	Calcium	700		13.4	120	mg/Kg
Q2100-04	TP-45	SOIL	Chromium	10.9		0.057	0.60	mg/Kg
Q2100-04	TP-45	SOIL	Cobalt	1.78	J	0.12	1.81	mg/Kg
Q2100-04	TP-45	SOIL	Copper	16.1		0.27	1.20	mg/Kg
Q2100-04	TP-45	SOIL	Iron	32800		4.80	6.02	mg/Kg
Q2100-04	TP-45	SOIL	Lead	11.0		0.16	0.72	mg/Kg
Q2100-04	TP-45	SOIL	Magnesium	332		14.4	120	mg/Kg
Q2100-04	TP-45	SOIL	Manganese	49.1		0.17	1.20	mg/Kg
Q2100-04	TP-45	SOIL	Mercury	0.023		0.010	0.018	mg/Kg
Q2100-04	TP-45	SOIL	Nickel	1.84	J	0.16	2.41	mg/Kg
Q2100-04	TP-45	SOIL	Potassium	389		33.4	120	mg/Kg
Q2100-04	TP-45	SOIL	Sodium	297		21.4	120	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2100
Client: CDM Smith

Order ID: Q2100
Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2100-04	TP-45	SOIL	Vanadium	20.3		0.30	2.41	mg/Kg
Q2100-04	TP-45	SOIL	Zinc	9.77		0.28	2.41	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/19/25
Project:	South River WM Replacement	Date Received:	05/20/25
Client Sample ID:	TP-16	SDG No.:	Q2100
Lab Sample ID:	Q2100-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	2640	*	1	0.82	4.90	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-36-0	Antimony	0.22	UN*	1	0.22	2.45	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-38-2	Arsenic	5.94	*	1	0.19	0.98	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-39-3	Barium	5.69	*	1	0.72	4.90	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-41-7	Beryllium	0.82	*	1	0.024	0.29	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-43-9	Cadmium	1.03		1	0.024	0.29	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-70-2	Calcium	698	*	1	10.9	97.9	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-47-3	Chromium	14.4	*	1	0.046	0.49	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-48-4	Cobalt	3.09	N*	1	0.098	1.47	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-50-8	Copper	24.8	*	1	0.22	0.98	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7439-89-6	Iron	46600	*	1	3.91	4.90	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7439-92-1	Lead	5.44		1	0.13	0.59	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7439-95-4	Magnesium	97.4	JN*	1	11.8	97.9	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7439-96-5	Manganese	130	*	1	0.14	0.98	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	05/23/25 09:50	05/23/25 13:47	7471B	
7440-02-0	Nickel	4.36	*	1	0.13	1.96	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-09-7	Potassium	165	*	1	27.1	97.9	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	0.98	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-22-4	Silver	0.12	U*	1	0.12	0.49	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-23-5	Sodium	246	N	1	17.4	97.9	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.96	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-62-2	Vanadium	31.3	N*	1	0.25	1.96	mg/Kg	05/21/25 14:05	05/30/25 17:33	6010D	SW3050
7440-66-6	Zinc	22.6	N*	1	0.23	1.96	mg/Kg	05/21/25 14:05	05/30/25 17:33	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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/19/25
Project:	South River WM Replacement	Date Received:	05/20/25
Client Sample ID:	TP-22	SDG No.:	Q2100
Lab Sample ID:	Q2100-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	84

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3840	*	1	0.90	5.34	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-36-0	Antimony	0.24	UN*	1	0.24	2.67	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-38-2	Arsenic	6.80	*	1	0.20	1.07	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-39-3	Barium	16.1	*	1	0.78	5.34	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-41-7	Beryllium	0.73	*	1	0.027	0.32	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-43-9	Cadmium	0.84		1	0.026	0.32	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-70-2	Calcium	1640	*	1	11.9	107	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-47-3	Chromium	8.92	*	1	0.050	0.53	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-48-4	Cobalt	3.34	N*	1	0.11	1.60	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-50-8	Copper	18.4	*	1	0.24	1.07	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7439-89-6	Iron	39000	*	1	4.26	5.34	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7439-92-1	Lead	17.7		1	0.14	0.64	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7439-95-4	Magnesium	553	N*	1	12.8	107	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7439-96-5	Manganese	154	*	1	0.15	1.07	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7439-97-6	Mercury	0.091		1	0.0080	0.015	mg/Kg	05/23/25 09:50	05/23/25 13:49	7471B	
7440-02-0	Nickel	3.19	*	1	0.14	2.14	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-09-7	Potassium	369	*	1	29.6	107	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7782-49-2	Selenium	0.28	U	1	0.28	1.07	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-22-4	Silver	0.13	U*	1	0.13	0.53	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-23-5	Sodium	675	N	1	19.0	107	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-28-0	Thallium	0.25	U	1	0.25	2.14	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-62-2	Vanadium	22.3	N*	1	0.27	2.14	mg/Kg	05/21/25 14:05	05/30/25 17:37	6010D	SW3050
7440-66-6	Zinc	14.8	N*	1	0.25	2.14	mg/Kg	05/21/25 14:05	05/30/25 17:37	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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/20/25
Project:	South River WM Replacement	Date Received:	05/20/25
Client Sample ID:	TP-21	SDG No.:	Q2100
Lab Sample ID:	Q2100-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3330	*	1	0.99	5.87	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-36-0	Antimony	0.26	UN*	1	0.26	2.93	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-38-2	Arsenic	10.3	*	1	0.22	1.17	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-39-3	Barium	18.4	*	1	0.86	5.87	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-41-7	Beryllium	0.55	*	1	0.029	0.35	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-43-9	Cadmium	0.78		1	0.028	0.35	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-70-2	Calcium	1960	*	1	13.0	117	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-47-3	Chromium	12.2	*	1	0.055	0.59	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-48-4	Cobalt	2.72	N*	1	0.12	1.76	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-50-8	Copper	19.7	*	1	0.26	1.17	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7439-89-6	Iron	27800	*	1	4.68	5.87	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7439-92-1	Lead	23.7		1	0.15	0.70	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7439-95-4	Magnesium	332	N*	1	14.1	117	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7439-96-5	Manganese	44.1	*	1	0.16	1.17	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7439-97-6	Mercury	0.020		1	0.010	0.017	mg/Kg	05/23/25 09:50	05/23/25 13:51	7471B	
7440-02-0	Nickel	2.61	*	1	0.15	2.35	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-09-7	Potassium	383	*	1	32.5	117	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	1.17	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-22-4	Silver	0.14	U*	1	0.14	0.59	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-23-5	Sodium	794	N	1	20.9	117	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-28-0	Thallium	0.27	U	1	0.27	2.35	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-62-2	Vanadium	27.7	N*	1	0.29	2.35	mg/Kg	05/21/25 14:05	05/30/25 17:50	6010D	SW3050
7440-66-6	Zinc	11.5	N*	1	0.27	2.35	mg/Kg	05/21/25 14:05	05/30/25 17:50	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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/20/25
Project:	South River WM Replacement	Date Received:	05/20/25
Client Sample ID:	TP-45	SDG No.:	Q2100
Lab Sample ID:	Q2100-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	76.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3260	*	1	1.01	6.02	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-36-0	Antimony	0.27	UN*	1	0.27	3.01	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-38-2	Arsenic	8.43	*	1	0.23	1.20	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-39-3	Barium	14.4	*	1	0.88	6.02	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-41-7	Beryllium	0.53	*	1	0.030	0.36	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-43-9	Cadmium	0.71		1	0.029	0.36	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-70-2	Calcium	700	*	1	13.4	120	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-47-3	Chromium	10.9	*	1	0.057	0.60	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-48-4	Cobalt	1.78	JN*	1	0.12	1.81	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-50-8	Copper	16.1	*	1	0.27	1.20	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7439-89-6	Iron	32800	*	1	4.80	6.02	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7439-92-1	Lead	11.0		1	0.16	0.72	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7439-95-4	Magnesium	332	N*	1	14.4	120	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7439-96-5	Manganese	49.1	*	1	0.17	1.20	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7439-97-6	Mercury	0.023		1	0.010	0.018	mg/Kg	05/23/25 09:50	05/23/25 13:54	7471B	
7440-02-0	Nickel	1.84	J*	1	0.16	2.41	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-09-7	Potassium	389	*	1	33.4	120	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	1.20	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-22-4	Silver	0.14	U*	1	0.14	0.60	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-23-5	Sodium	297	N	1	21.4	120	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-28-0	Thallium	0.28	U	1	0.28	2.41	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-62-2	Vanadium	20.3	N*	1	0.30	2.41	mg/Kg	05/21/25 14:05	05/30/25 17:54	6010D	SW3050
7440-66-6	Zinc	9.77	N*	1	0.28	2.41	mg/Kg	05/21/25 14:05	05/30/25 17:54	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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
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
ICV16	Mercury	3.87	4.0	97	90 - 110	CV	05/23/2025	12:29	LB135901

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
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
CCV60	Mercury	5.18	5.0	104	90 - 110	CV	05/23/2025	12:34	LB135901
CCV61	Mercury	4.96	5.0	99	90 - 110	CV	05/23/2025	13:01	LB135901
CCV62	Mercury	5.04	5.0	101	90 - 110	CV	05/23/2025	13:28	LB135901
CCV63	Mercury	4.97	5.0	100	90 - 110	CV	05/23/2025	13:56	LB135901
CCV64	Mercury	4.84	5.0	97	90 - 110	CV	05/23/2025	14:21	LB135901
CCV65	Mercury	4.90	5.0	98	90 - 110	CV	05/23/2025	14:37	LB135901

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
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	2450	2500	98	90 - 110	P	05/30/2025	15:13	LB135969
	Antimony	1020	1000	102	90 - 110	P	05/30/2025	15:13	LB135969
	Arsenic	1030	1000	103	90 - 110	P	05/30/2025	15:13	LB135969
	Barium	490	520	94	90 - 110	P	05/30/2025	15:13	LB135969
	Beryllium	495	510	97	90 - 110	P	05/30/2025	15:13	LB135969
	Cadmium	518	510	102	90 - 110	P	05/30/2025	15:13	LB135969
	Calcium	9850	10000	98	90 - 110	P	05/30/2025	15:13	LB135969
	Chromium	539	520	104	90 - 110	P	05/30/2025	15:13	LB135969
	Cobalt	520	520	100	90 - 110	P	05/30/2025	15:13	LB135969
	Copper	535	510	105	90 - 110	P	05/30/2025	15:13	LB135969
	Iron	10500	10000	105	90 - 110	P	05/30/2025	15:13	LB135969
	Lead	1010	1000	101	90 - 110	P	05/30/2025	15:13	LB135969
	Magnesium	5760	6000	96	90 - 110	P	05/30/2025	15:13	LB135969
	Manganese	504	520	97	90 - 110	P	05/30/2025	15:13	LB135969
	Nickel	524	530	99	90 - 110	P	05/30/2025	15:13	LB135969
	Potassium	10100	9900	102	90 - 110	P	05/30/2025	15:13	LB135969
	Selenium	1080	1000	108	90 - 110	P	05/30/2025	15:13	LB135969
	Silver	259	250	104	90 - 110	P	05/30/2025	15:13	LB135969
	Sodium	9750	10000	98	90 - 110	P	05/30/2025	15:13	LB135969
	Thallium	1090	1000	109	90 - 110	P	05/30/2025	15:13	LB135969
	Vanadium	484	500	97	90 - 110	P	05/30/2025	15:13	LB135969
	Zinc	1000	1000	100	90 - 110	P	05/30/2025	15:13	LB135969

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
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	98.2	100	98	80 - 120	P	05/30/2025	15:21	LB135969
	Antimony	50.0	50.0	100	80 - 120	P	05/30/2025	15:21	LB135969
	Arsenic	20.5	20.0	102	80 - 120	P	05/30/2025	15:21	LB135969
	Barium	91.3	100	91	80 - 120	P	05/30/2025	15:21	LB135969
	Beryllium	5.89	6.0	98	80 - 120	P	05/30/2025	15:21	LB135969
	Cadmium	6.08	6.0	101	80 - 120	P	05/30/2025	15:21	LB135969
	Calcium	1910	2000	95	80 - 120	P	05/30/2025	15:21	LB135969
	Chromium	10.2	10.0	102	80 - 120	P	05/30/2025	15:21	LB135969
	Cobalt	29.3	30.0	98	80 - 120	P	05/30/2025	15:21	LB135969
	Copper	21.5	20.0	107	80 - 120	P	05/30/2025	15:21	LB135969
	Iron	104	100	104	80 - 120	P	05/30/2025	15:21	LB135969
	Lead	11.3	12.0	94	80 - 120	P	05/30/2025	15:21	LB135969
	Magnesium	1920	2000	96	80 - 120	P	05/30/2025	15:21	LB135969
	Manganese	19.9	20.0	100	80 - 120	P	05/30/2025	15:21	LB135969
	Nickel	40.0	40.0	100	80 - 120	P	05/30/2025	15:21	LB135969
	Potassium	1920	2000	96	80 - 120	P	05/30/2025	15:21	LB135969
	Selenium	21.2	20.0	106	80 - 120	P	05/30/2025	15:21	LB135969
	Silver	10.1	10.0	101	80 - 120	P	05/30/2025	15:21	LB135969
	Sodium	1830	2000	92	80 - 120	P	05/30/2025	15:21	LB135969
	Thallium	33.2	40.0	83	80 - 120	P	05/30/2025	15:21	LB135969
	Vanadium	36.9	40.0	92	80 - 120	P	05/30/2025	15:21	LB135969
	Zinc	40.5	40.0	101	80 - 120	P	05/30/2025	15:21	LB135969

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
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	9760	10000	98	90 - 110	P	05/30/2025	16:02	LB135969
	Antimony	5090	5000	102	90 - 110	P	05/30/2025	16:02	LB135969
	Arsenic	5110	5000	102	90 - 110	P	05/30/2025	16:02	LB135969
	Barium	9890	10000	99	90 - 110	P	05/30/2025	16:02	LB135969
	Beryllium	235	250	94	90 - 110	P	05/30/2025	16:02	LB135969
	Cadmium	2500	2500	100	90 - 110	P	05/30/2025	16:02	LB135969
	Calcium	24400	25000	98	90 - 110	P	05/30/2025	16:02	LB135969
	Chromium	1020	1000	102	90 - 110	P	05/30/2025	16:02	LB135969
	Cobalt	2500	2500	100	90 - 110	P	05/30/2025	16:02	LB135969
	Copper	1280	1250	102	90 - 110	P	05/30/2025	16:02	LB135969
	Iron	5420	5000	108	90 - 110	P	05/30/2025	16:02	LB135969
	Lead	5010	5000	100	90 - 110	P	05/30/2025	16:02	LB135969
	Magnesium	24100	25000	96	90 - 110	P	05/30/2025	16:02	LB135969
	Manganese	2430	2500	97	90 - 110	P	05/30/2025	16:02	LB135969
	Nickel	2510	2500	100	90 - 110	P	05/30/2025	16:02	LB135969
	Potassium	27000	25000	108	90 - 110	P	05/30/2025	16:02	LB135969
	Selenium	5160	5000	103	90 - 110	P	05/30/2025	16:02	LB135969
	Silver	1280	1250	102	90 - 110	P	05/30/2025	16:02	LB135969
	Sodium	26700	25000	107	90 - 110	P	05/30/2025	16:02	LB135969
	Thallium	5190	5000	104	90 - 110	P	05/30/2025	16:02	LB135969
	Vanadium	2460	2500	98	90 - 110	P	05/30/2025	16:02	LB135969
	Zinc	2680	2500	107	90 - 110	P	05/30/2025	16:02	LB135969
CCV02	Aluminum	10000	10000	100	90 - 110	P	05/30/2025	16:52	LB135969
	Antimony	5130	5000	103	90 - 110	P	05/30/2025	16:52	LB135969
	Arsenic	5140	5000	103	90 - 110	P	05/30/2025	16:52	LB135969
	Barium	9860	10000	99	90 - 110	P	05/30/2025	16:52	LB135969
	Beryllium	249	250	100	90 - 110	P	05/30/2025	16:52	LB135969
	Cadmium	2510	2500	100	90 - 110	P	05/30/2025	16:52	LB135969
	Calcium	24600	25000	99	90 - 110	P	05/30/2025	16:52	LB135969
	Chromium	1020	1000	102	90 - 110	P	05/30/2025	16:52	LB135969
	Cobalt	2510	2500	100	90 - 110	P	05/30/2025	16:52	LB135969
	Copper	1290	1250	103	90 - 110	P	05/30/2025	16:52	LB135969
	Iron	5250	5000	105	90 - 110	P	05/30/2025	16:52	LB135969
	Lead	5030	5000	101	90 - 110	P	05/30/2025	16:52	LB135969

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
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	24500	25000	98	90 - 110	P	05/30/2025	16:52	LB135969
	Manganese	2450	2500	98	90 - 110	P	05/30/2025	16:52	LB135969
	Nickel	2510	2500	100	90 - 110	P	05/30/2025	16:52	LB135969
	Potassium	26400	25000	106	90 - 110	P	05/30/2025	16:52	LB135969
	Selenium	5210	5000	104	90 - 110	P	05/30/2025	16:52	LB135969
	Silver	1290	1250	103	90 - 110	P	05/30/2025	16:52	LB135969
	Sodium	26000	25000	104	90 - 110	P	05/30/2025	16:52	LB135969
	Thallium	5160	5000	103	90 - 110	P	05/30/2025	16:52	LB135969
	Vanadium	2490	2500	100	90 - 110	P	05/30/2025	16:52	LB135969
	Zinc	2610	2500	104	90 - 110	P	05/30/2025	16:52	LB135969
CCV03	Aluminum	10200	10000	102	90 - 110	P	05/30/2025	17:41	LB135969
	Antimony	5110	5000	102	90 - 110	P	05/30/2025	17:41	LB135969
	Arsenic	5080	5000	102	90 - 110	P	05/30/2025	17:41	LB135969
	Barium	9790	10000	98	90 - 110	P	05/30/2025	17:41	LB135969
	Beryllium	272	250	109	90 - 110	P	05/30/2025	17:41	LB135969
	Cadmium	2510	2500	100	90 - 110	P	05/30/2025	17:41	LB135969
	Calcium	25300	25000	101	90 - 110	P	05/30/2025	17:41	LB135969
	Chromium	1030	1000	103	90 - 110	P	05/30/2025	17:41	LB135969
	Cobalt	2510	2500	100	90 - 110	P	05/30/2025	17:41	LB135969
	Copper	1280	1250	102	90 - 110	P	05/30/2025	17:41	LB135969
	Iron	4910	5000	98	90 - 110	P	05/30/2025	17:41	LB135969
	Lead	5020	5000	100	90 - 110	P	05/30/2025	17:41	LB135969
	Magnesium	25600	25000	102	90 - 110	P	05/30/2025	17:41	LB135969
	Manganese	2510	2500	101	90 - 110	P	05/30/2025	17:41	LB135969
	Nickel	2510	2500	100	90 - 110	P	05/30/2025	17:41	LB135969
	Potassium	24200	25000	97	90 - 110	P	05/30/2025	17:41	LB135969
	Selenium	5130	5000	102	90 - 110	P	05/30/2025	17:41	LB135969
	Silver	1290	1250	103	90 - 110	P	05/30/2025	17:41	LB135969
	Sodium	24100	25000	96	90 - 110	P	05/30/2025	17:41	LB135969
	Thallium	4980	5000	100	90 - 110	P	05/30/2025	17:41	LB135969
	Vanadium	2530	2500	101	90 - 110	P	05/30/2025	17:41	LB135969
	Zinc	2510	2500	100	90 - 110	P	05/30/2025	17:41	LB135969
CCV04	Aluminum	9760	10000	98	90 - 110	P	05/30/2025	18:28	LB135969
	Antimony	5120	5000	102	90 - 110	P	05/30/2025	18:28	LB135969

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
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	5120	5000	102	90 - 110	P	05/30/2025	18:28	LB135969
	Barium	9930	10000	99	90 - 110	P	05/30/2025	18:28	LB135969
	Beryllium	239	250	95	90 - 110	P	05/30/2025	18:28	LB135969
	Cadmium	2490	2500	100	90 - 110	P	05/30/2025	18:28	LB135969
	Calcium	24300	25000	97	90 - 110	P	05/30/2025	18:28	LB135969
	Chromium	1010	1000	102	90 - 110	P	05/30/2025	18:28	LB135969
	Cobalt	2490	2500	100	90 - 110	P	05/30/2025	18:28	LB135969
	Copper	1280	1250	102	90 - 110	P	05/30/2025	18:28	LB135969
	Iron	5320	5000	106	90 - 110	P	05/30/2025	18:28	LB135969
	Lead	4980	5000	100	90 - 110	P	05/30/2025	18:28	LB135969
	Magnesium	24000	25000	96	90 - 110	P	05/30/2025	18:28	LB135969
	Manganese	2430	2500	97	90 - 110	P	05/30/2025	18:28	LB135969
	Nickel	2490	2500	100	90 - 110	P	05/30/2025	18:28	LB135969
	Potassium	26200	25000	105	90 - 110	P	05/30/2025	18:28	LB135969
	Selenium	5200	5000	104	90 - 110	P	05/30/2025	18:28	LB135969
	Silver	1280	1250	102	90 - 110	P	05/30/2025	18:28	LB135969
	Sodium	26400	25000	106	90 - 110	P	05/30/2025	18:28	LB135969
	Thallium	5110	5000	102	90 - 110	P	05/30/2025	18:28	LB135969
	Vanadium	2460	2500	98	90 - 110	P	05/30/2025	18:28	LB135969
	Zinc	2510	2500	100	90 - 110	P	05/30/2025	18:28	LB135969
CCV05	Aluminum	10000	10000	100	90 - 110	P	05/30/2025	18:58	LB135969
	Antimony	5080	5000	102	90 - 110	P	05/30/2025	18:58	LB135969
	Arsenic	5070	5000	101	90 - 110	P	05/30/2025	18:58	LB135969
	Barium	9520	10000	95	90 - 110	P	05/30/2025	18:58	LB135969
	Beryllium	266	250	106	90 - 110	P	05/30/2025	18:58	LB135969
	Cadmium	2480	2500	99	90 - 110	P	05/30/2025	18:58	LB135969
	Calcium	24200	25000	97	90 - 110	P	05/30/2025	18:58	LB135969
	Chromium	1000	1000	100	90 - 110	P	05/30/2025	18:58	LB135969
	Cobalt	2480	2500	99	90 - 110	P	05/30/2025	18:58	LB135969
	Copper	1280	1250	102	90 - 110	P	05/30/2025	18:58	LB135969
	Iron	4710	5000	94	90 - 110	P	05/30/2025	18:58	LB135969
	Lead	4960	5000	99	90 - 110	P	05/30/2025	18:58	LB135969
	Magnesium	24400	25000	98	90 - 110	P	05/30/2025	18:58	LB135969
	Manganese	2430	2500	97	90 - 110	P	05/30/2025	18:58	LB135969

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
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	2480	2500	99	90 - 110	P	05/30/2025	18:58	LB135969
	Potassium	24000	25000	96	90 - 110	P	05/30/2025	18:58	LB135969
	Selenium	5150	5000	103	90 - 110	P	05/30/2025	18:58	LB135969
	Silver	1260	1250	101	90 - 110	P	05/30/2025	18:58	LB135969
	Sodium	23200	25000	93	90 - 110	P	05/30/2025	18:58	LB135969
	Thallium	4950	5000	99	90 - 110	P	05/30/2025	18:58	LB135969
	Vanadium	2450	2500	98	90 - 110	P	05/30/2025	18:58	LB135969
	Zinc	2570	2500	103	90 - 110	P	05/30/2025	18:58	LB135969
CCV06	Aluminum	9730	10000	97	90 - 110	P	05/30/2025	19:30	LB135969
	Antimony	4980	5000	100	90 - 110	P	05/30/2025	19:30	LB135969
	Arsenic	4950	5000	99	90 - 110	P	05/30/2025	19:30	LB135969
	Barium	9770	10000	98	90 - 110	P	05/30/2025	19:30	LB135969
	Beryllium	246	250	98	90 - 110	P	05/30/2025	19:30	LB135969
	Cadmium	2460	2500	98	90 - 110	P	05/30/2025	19:30	LB135969
	Calcium	24300	25000	97	90 - 110	P	05/30/2025	19:30	LB135969
	Chromium	985	1000	98	90 - 110	P	05/30/2025	19:30	LB135969
	Cobalt	2460	2500	98	90 - 110	P	05/30/2025	19:30	LB135969
	Copper	1250	1250	100	90 - 110	P	05/30/2025	19:30	LB135969
	Iron	4920	5000	98	90 - 110	P	05/30/2025	19:30	LB135969
	Lead	4930	5000	99	90 - 110	P	05/30/2025	19:30	LB135969
	Magnesium	24100	25000	96	90 - 110	P	05/30/2025	19:30	LB135969
	Manganese	2440	2500	97	90 - 110	P	05/30/2025	19:30	LB135969
	Nickel	2460	2500	98	90 - 110	P	05/30/2025	19:30	LB135969
	Potassium	24800	25000	99	90 - 110	P	05/30/2025	19:30	LB135969
	Selenium	5010	5000	100	90 - 110	P	05/30/2025	19:30	LB135969
	Silver	1230	1250	98	90 - 110	P	05/30/2025	19:30	LB135969
	Sodium	24200	25000	97	90 - 110	P	05/30/2025	19:30	LB135969
	Thallium	4850	5000	97	90 - 110	P	05/30/2025	19:30	LB135969
	Vanadium	2440	2500	98	90 - 110	P	05/30/2025	19:30	LB135969
	Zinc	2520	2500	101	90 - 110	P	05/30/2025	19:30	LB135969



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

Metals

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CRDL STANDARD FOR AA & ICP

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
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	0.20	0.2	100	70 - 130	CV	05/23/2025	12:38	LB135901
CRI01	Aluminum	101	100	101	65 - 135	P	05/30/2025	15:30	LB135969
	Antimony	48.4	50.0	97	65 - 135	P	05/30/2025	15:30	LB135969
	Arsenic	19.3	20.0	97	65 - 135	P	05/30/2025	15:30	LB135969
	Barium	91.0	100	91	65 - 135	P	05/30/2025	15:30	LB135969
	Beryllium	5.97	6.0	100	65 - 135	P	05/30/2025	15:30	LB135969
	Cadmium	5.90	6.0	98	65 - 135	P	05/30/2025	15:30	LB135969
	Calcium	1910	2000	96	65 - 135	P	05/30/2025	15:30	LB135969
	Chromium	10.1	10.0	101	65 - 135	P	05/30/2025	15:30	LB135969
	Cobalt	29.1	30.0	97	65 - 135	P	05/30/2025	15:30	LB135969
	Copper	20.9	20.0	104	65 - 135	P	05/30/2025	15:30	LB135969
	Iron	102	100	102	65 - 135	P	05/30/2025	15:30	LB135969
	Lead	11.0	12.0	92	65 - 135	P	05/30/2025	15:30	LB135969
	Magnesium	1900	2000	95	65 - 135	P	05/30/2025	15:30	LB135969
	Manganese	19.4	20.0	97	65 - 135	P	05/30/2025	15:30	LB135969
	Nickel	39.2	40.0	98	65 - 135	P	05/30/2025	15:30	LB135969
	Potassium	1880	2000	94	65 - 135	P	05/30/2025	15:30	LB135969
	Selenium	21.6	20.0	108	65 - 135	P	05/30/2025	15:30	LB135969
	Silver	9.55	10.0	96	65 - 135	P	05/30/2025	15:30	LB135969
	Sodium	1810	2000	90	65 - 135	P	05/30/2025	15:30	LB135969
	Thallium	29.9	40.0	75	65 - 135	P	05/30/2025	15:30	LB135969
	Vanadium	36.9	40.0	92	65 - 135	P	05/30/2025	15:30	LB135969
	Zinc	40.3	40.0	101	65 - 135	P	05/30/2025	15:30	LB135969



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	CDM Smith				SDG No.:	Q2100				
Contract:	CAMP02	Lab Code:	CHEM		Case No.:	Q2100		SAS No.:	Q2100	
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB16	Mercury	0.20	+/-0.20	U	0.20	CV	05/23/2025	12:31	LB135901	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2100

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2100

SAS No.: Q2100

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB60	Mercury	0.20	+/-0.20	U	0.20	CV	05/23/2025	12:36	LB135901
CCB61	Mercury	0.20	+/-0.20	U	0.20	CV	05/23/2025	13:03	LB135901
CCB62	Mercury	0.20	+/-0.20	U	0.20	CV	05/23/2025	13:31	LB135901
CCB63	Mercury	0.20	+/-0.20	U	0.20	CV	05/23/2025	13:58	LB135901
CCB64	Mercury	0.20	+/-0.20	U	0.20	CV	05/23/2025	14:23	LB135901
CCB65	Mercury	0.20	+/-0.20	U	0.20	CV	05/23/2025	14:39	LB135901

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2100							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2100	SAS No.: Q2100						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	05/30/2025	15:26	LB135969
	Antimony	50.0	+/-50.0	U	50.0	P	05/30/2025	15:26	LB135969
	Arsenic	20.0	+/-20.0	U	20.0	P	05/30/2025	15:26	LB135969
	Barium	100	+/-100	U	100	P	05/30/2025	15:26	LB135969
	Beryllium	6.00	+/-6.00	U	6.00	P	05/30/2025	15:26	LB135969
	Cadmium	6.00	+/-6.00	U	6.00	P	05/30/2025	15:26	LB135969
	Calcium	2000	+/-2000	U	2000	P	05/30/2025	15:26	LB135969
	Chromium	10.0	+/-10.0	U	10.0	P	05/30/2025	15:26	LB135969
	Cobalt	30.0	+/-30.0	U	30.0	P	05/30/2025	15:26	LB135969
	Copper	20.0	+/-20.0	U	20.0	P	05/30/2025	15:26	LB135969
	Iron	100	+/-100	U	100	P	05/30/2025	15:26	LB135969
	Lead	12.0	+/-12.0	U	12.0	P	05/30/2025	15:26	LB135969
	Magnesium	2000	+/-2000	U	2000	P	05/30/2025	15:26	LB135969
	Manganese	20.0	+/-20.0	U	20.0	P	05/30/2025	15:26	LB135969
	Nickel	40.0	+/-40.0	U	40.0	P	05/30/2025	15:26	LB135969
	Potassium	2000	+/-2000	U	2000	P	05/30/2025	15:26	LB135969
	Selenium	20.0	+/-20.0	U	20.0	P	05/30/2025	15:26	LB135969
	Silver	10.0	+/-10.0	U	10.0	P	05/30/2025	15:26	LB135969
	Sodium	2000	+/-2000	U	2000	P	05/30/2025	15:26	LB135969
	Thallium	40.0	+/-40.0	U	40.0	P	05/30/2025	15:26	LB135969
	Vanadium	40.0	+/-40.0	U	40.0	P	05/30/2025	15:26	LB135969
	Zinc	40.0	+/-40.0	U	40.0	P	05/30/2025	15:26	LB135969

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2100							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2100	SAS No.: Q2100						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	05/30/2025	16:06	LB135969
	Antimony	50.0	+/-50.0	U	50.0	P	05/30/2025	16:06	LB135969
	Arsenic	20.0	+/-20.0	U	20.0	P	05/30/2025	16:06	LB135969
	Barium	100	+/-100	U	100	P	05/30/2025	16:06	LB135969
	Beryllium	6.00	+/-6.00	U	6.00	P	05/30/2025	16:06	LB135969
	Cadmium	6.00	+/-6.00	U	6.00	P	05/30/2025	16:06	LB135969
	Calcium	2000	+/-2000	U	2000	P	05/30/2025	16:06	LB135969
	Chromium	10.0	+/-10.0	U	10.0	P	05/30/2025	16:06	LB135969
	Cobalt	30.0	+/-30.0	U	30.0	P	05/30/2025	16:06	LB135969
	Copper	20.0	+/-20.0	U	20.0	P	05/30/2025	16:06	LB135969
	Iron	100	+/-100	U	100	P	05/30/2025	16:06	LB135969
	Lead	12.0	+/-12.0	U	12.0	P	05/30/2025	16:06	LB135969
	Magnesium	2000	+/-2000	U	2000	P	05/30/2025	16:06	LB135969
	Manganese	20.0	+/-20.0	U	20.0	P	05/30/2025	16:06	LB135969
	Nickel	40.0	+/-40.0	U	40.0	P	05/30/2025	16:06	LB135969
	Potassium	2000	+/-2000	U	2000	P	05/30/2025	16:06	LB135969
	Selenium	20.0	+/-20.0	U	20.0	P	05/30/2025	16:06	LB135969
	Silver	10.0	+/-10.0	U	10.0	P	05/30/2025	16:06	LB135969
	Sodium	2000	+/-2000	U	2000	P	05/30/2025	16:06	LB135969
	Thallium	40.0	+/-40.0	U	40.0	P	05/30/2025	16:06	LB135969
	Vanadium	40.0	+/-40.0	U	40.0	P	05/30/2025	16:06	LB135969
	Zinc	40.0	+/-40.0	U	40.0	P	05/30/2025	16:06	LB135969
CCB02	Aluminum	11.8	+/-100	J	100	P	05/30/2025	16:56	LB135969
	Antimony	50.0	+/-50.0	U	50.0	P	05/30/2025	16:56	LB135969
	Arsenic	20.0	+/-20.0	U	20.0	P	05/30/2025	16:56	LB135969
	Barium	100	+/-100	U	100	P	05/30/2025	16:56	LB135969
	Beryllium	6.00	+/-6.00	U	6.00	P	05/30/2025	16:56	LB135969
	Cadmium	6.00	+/-6.00	U	6.00	P	05/30/2025	16:56	LB135969
	Calcium	2000	+/-2000	U	2000	P	05/30/2025	16:56	LB135969
	Chromium	10.0	+/-10.0	U	10.0	P	05/30/2025	16:56	LB135969
	Cobalt	30.0	+/-30.0	U	30.0	P	05/30/2025	16:56	LB135969
	Copper	20.0	+/-20.0	U	20.0	P	05/30/2025	16:56	LB135969
	Iron	100	+/-100	U	100	P	05/30/2025	16:56	LB135969
	Lead	12.0	+/-12.0	U	12.0	P	05/30/2025	16:56	LB135969
	Magnesium	2000	+/-2000	U	2000	P	05/30/2025	16:56	LB135969
	Manganese	20.0	+/-20.0	U	20.0	P	05/30/2025	16:56	LB135969
	Nickel	40.0	+/-40.0	U	40.0	P	05/30/2025	16:56	LB135969
	Potassium	2000	+/-2000	U	2000	P	05/30/2025	16:56	LB135969
	Selenium	20.0	+/-20.0	U	20.0	P	05/30/2025	16:56	LB135969

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2100							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2100	SAS No.: Q2100						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	05/30/2025	16:56	LB135969
	Sodium	2000	+/-2000	U	2000	P	05/30/2025	16:56	LB135969
	Thallium	40.0	+/-40.0	U	40.0	P	05/30/2025	16:56	LB135969
	Vanadium	40.0	+/-40.0	U	40.0	P	05/30/2025	16:56	LB135969
	Zinc	40.0	+/-40.0	U	40.0	P	05/30/2025	16:56	LB135969
CCB03	Aluminum	100	+/-100	U	100	P	05/30/2025	17:45	LB135969
	Antimony	50.0	+/-50.0	U	50.0	P	05/30/2025	17:45	LB135969
	Arsenic	20.0	+/-20.0	U	20.0	P	05/30/2025	17:45	LB135969
	Barium	100	+/-100	U	100	P	05/30/2025	17:45	LB135969
	Beryllium	6.00	+/-6.00	U	6.00	P	05/30/2025	17:45	LB135969
	Cadmium	6.00	+/-6.00	U	6.00	P	05/30/2025	17:45	LB135969
	Calcium	2000	+/-2000	U	2000	P	05/30/2025	17:45	LB135969
	Chromium	10.0	+/-10.0	U	10.0	P	05/30/2025	17:45	LB135969
	Cobalt	30.0	+/-30.0	U	30.0	P	05/30/2025	17:45	LB135969
	Copper	20.0	+/-20.0	U	20.0	P	05/30/2025	17:45	LB135969
	Iron	100	+/-100	U	100	P	05/30/2025	17:45	LB135969
	Lead	12.0	+/-12.0	U	12.0	P	05/30/2025	17:45	LB135969
	Magnesium	2000	+/-2000	U	2000	P	05/30/2025	17:45	LB135969
	Manganese	20.0	+/-20.0	U	20.0	P	05/30/2025	17:45	LB135969
	Nickel	40.0	+/-40.0	U	40.0	P	05/30/2025	17:45	LB135969
	Potassium	2000	+/-2000	U	2000	P	05/30/2025	17:45	LB135969
	Selenium	20.0	+/-20.0	U	20.0	P	05/30/2025	17:45	LB135969
	Silver	10.0	+/-10.0	U	10.0	P	05/30/2025	17:45	LB135969
	Sodium	2000	+/-2000	U	2000	P	05/30/2025	17:45	LB135969
	Thallium	40.0	+/-40.0	U	40.0	P	05/30/2025	17:45	LB135969
	Vanadium	40.0	+/-40.0	U	40.0	P	05/30/2025	17:45	LB135969
	Zinc	40.0	+/-40.0	U	40.0	P	05/30/2025	17:45	LB135969
CCB04	Aluminum	13.3	+/-100	J	100	P	05/30/2025	18:32	LB135969
	Antimony	50.0	+/-50.0	U	50.0	P	05/30/2025	18:32	LB135969
	Arsenic	20.0	+/-20.0	U	20.0	P	05/30/2025	18:32	LB135969
	Barium	100	+/-100	U	100	P	05/30/2025	18:32	LB135969
	Beryllium	6.00	+/-6.00	U	6.00	P	05/30/2025	18:32	LB135969
	Cadmium	6.00	+/-6.00	U	6.00	P	05/30/2025	18:32	LB135969
	Calcium	2000	+/-2000	U	2000	P	05/30/2025	18:32	LB135969
	Chromium	10.0	+/-10.0	U	10.0	P	05/30/2025	18:32	LB135969
	Cobalt	30.0	+/-30.0	U	30.0	P	05/30/2025	18:32	LB135969
	Copper	20.0	+/-20.0	U	20.0	P	05/30/2025	18:32	LB135969
	Iron	100	+/-100	U	100	P	05/30/2025	18:32	LB135969
	Lead	12.0	+/-12.0	U	12.0	P	05/30/2025	18:32	LB135969

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2100							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2100	SAS No.: Q2100						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	05/30/2025	18:32	LB135969
	Manganese	20.0	+/-20.0	U	20.0	P	05/30/2025	18:32	LB135969
	Nickel	40.0	+/-40.0	U	40.0	P	05/30/2025	18:32	LB135969
	Potassium	2000	+/-2000	U	2000	P	05/30/2025	18:32	LB135969
	Selenium	20.0	+/-20.0	U	20.0	P	05/30/2025	18:32	LB135969
	Silver	10.0	+/-10.0	U	10.0	P	05/30/2025	18:32	LB135969
	Sodium	2000	+/-2000	U	2000	P	05/30/2025	18:32	LB135969
	Thallium	40.0	+/-40.0	U	40.0	P	05/30/2025	18:32	LB135969
	Vanadium	40.0	+/-40.0	U	40.0	P	05/30/2025	18:32	LB135969
	Zinc	40.0	+/-40.0	U	40.0	P	05/30/2025	18:32	LB135969
CCB05	Aluminum	100	+/-100	U	100	P	05/30/2025	19:02	LB135969
	Antimony	50.0	+/-50.0	U	50.0	P	05/30/2025	19:02	LB135969
	Arsenic	20.0	+/-20.0	U	20.0	P	05/30/2025	19:02	LB135969
	Barium	100	+/-100	U	100	P	05/30/2025	19:02	LB135969
	Beryllium	6.00	+/-6.00	U	6.00	P	05/30/2025	19:02	LB135969
	Cadmium	6.00	+/-6.00	U	6.00	P	05/30/2025	19:02	LB135969
	Calcium	2000	+/-2000	U	2000	P	05/30/2025	19:02	LB135969
	Chromium	10.0	+/-10.0	U	10.0	P	05/30/2025	19:02	LB135969
	Cobalt	30.0	+/-30.0	U	30.0	P	05/30/2025	19:02	LB135969
	Copper	20.0	+/-20.0	U	20.0	P	05/30/2025	19:02	LB135969
	Iron	100	+/-100	U	100	P	05/30/2025	19:02	LB135969
	Lead	12.0	+/-12.0	U	12.0	P	05/30/2025	19:02	LB135969
	Magnesium	2000	+/-2000	U	2000	P	05/30/2025	19:02	LB135969
	Manganese	20.0	+/-20.0	U	20.0	P	05/30/2025	19:02	LB135969
	Nickel	40.0	+/-40.0	U	40.0	P	05/30/2025	19:02	LB135969
	Potassium	2000	+/-2000	U	2000	P	05/30/2025	19:02	LB135969
	Selenium	20.0	+/-20.0	U	20.0	P	05/30/2025	19:02	LB135969
	Silver	10.0	+/-10.0	U	10.0	P	05/30/2025	19:02	LB135969
	Sodium	2000	+/-2000	U	2000	P	05/30/2025	19:02	LB135969
	Thallium	40.0	+/-40.0	U	40.0	P	05/30/2025	19:02	LB135969
	Vanadium	40.0	+/-40.0	U	40.0	P	05/30/2025	19:02	LB135969
	Zinc	40.0	+/-40.0	U	40.0	P	05/30/2025	19:02	LB135969
CCB06	Aluminum	100	+/-100	U	100	P	05/30/2025	19:34	LB135969
	Antimony	50.0	+/-50.0	U	50.0	P	05/30/2025	19:34	LB135969
	Arsenic	20.0	+/-20.0	U	20.0	P	05/30/2025	19:34	LB135969
	Barium	100	+/-100	U	100	P	05/30/2025	19:34	LB135969
	Beryllium	6.00	+/-6.00	U	6.00	P	05/30/2025	19:34	LB135969
	Cadmium	6.00	+/-6.00	U	6.00	P	05/30/2025	19:34	LB135969
	Calcium	2000	+/-2000	U	2000	P	05/30/2025	19:34	LB135969

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2100							
Contract: CAMP02		Lab Code: CHEM		Case No.: Q2100		SAS No.: Q2100			
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	05/30/2025	19:34	LB135969
	Cobalt	30.0	+/-30.0	U	30.0	P	05/30/2025	19:34	LB135969
	Copper	20.0	+/-20.0	U	20.0	P	05/30/2025	19:34	LB135969
	Iron	100	+/-100	U	100	P	05/30/2025	19:34	LB135969
	Lead	12.0	+/-12.0	U	12.0	P	05/30/2025	19:34	LB135969
	Magnesium	2000	+/-2000	U	2000	P	05/30/2025	19:34	LB135969
	Manganese	20.0	+/-20.0	U	20.0	P	05/30/2025	19:34	LB135969
	Nickel	40.0	+/-40.0	U	40.0	P	05/30/2025	19:34	LB135969
	Potassium	2000	+/-2000	U	2000	P	05/30/2025	19:34	LB135969
	Selenium	20.0	+/-20.0	U	20.0	P	05/30/2025	19:34	LB135969
	Silver	10.0	+/-10.0	U	10.0	P	05/30/2025	19:34	LB135969
	Sodium	2000	+/-2000	U	2000	P	05/30/2025	19:34	LB135969
	Thallium	40.0	+/-40.0	U	40.0	P	05/30/2025	19:34	LB135969
	Vanadium	40.0	+/-40.0	U	40.0	P	05/30/2025	19:34	LB135969
	Zinc	40.0	+/-40.0	U	40.0	P	05/30/2025	19:34	LB135969

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2100

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168146BL		SOLID		Batch Number:	PB168146		Prep Date:	05/23/2025	
	Mercury	0.013	<0.013	U	0.013	CV	05/23/2025	13:42	LB135901

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2100

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB168117BL	SOLID			Batch Number:	PB168117		Prep Date:	05/21/2025	
	Aluminum	5.00	<5.00	U	5.00	P	05/30/2025	17:00	LB135969
	Antimony	2.50	<2.50	U	2.50	P	05/30/2025	17:00	LB135969
	Arsenic	1.00	<1.00	U	1.00	P	05/30/2025	17:00	LB135969
	Barium	5.00	<5.00	U	5.00	P	05/30/2025	17:00	LB135969
	Beryllium	0.30	<0.30	U	0.30	P	05/30/2025	17:00	LB135969
	Cadmium	0.30	<0.30	U	0.30	P	05/30/2025	17:00	LB135969
	Calcium	100	<100	U	100	P	05/30/2025	17:00	LB135969
	Chromium	0.50	<0.50	U	0.50	P	05/30/2025	17:00	LB135969
	Cobalt	1.50	<1.50	U	1.50	P	05/30/2025	17:00	LB135969
	Copper	1.00	<1.00	U	1.00	P	05/30/2025	17:00	LB135969
	Iron	5.00	<5.00	U	5.00	P	05/30/2025	17:00	LB135969
	Lead	0.60	<0.60	U	0.60	P	05/30/2025	17:00	LB135969
	Magnesium	100	<100	U	100	P	05/30/2025	17:00	LB135969
	Manganese	1.00	<1.00	U	1.00	P	05/30/2025	17:00	LB135969
	Nickel	2.00	<2.00	U	2.00	P	05/30/2025	17:00	LB135969
	Potassium	100	<100	U	100	P	05/30/2025	17:00	LB135969
	Selenium	1.00	<1.00	U	1.00	P	05/30/2025	17:00	LB135969
	Silver	0.50	<0.50	U	0.50	P	05/30/2025	17:00	LB135969
	Sodium	100	<100	U	100	P	05/30/2025	17:00	LB135969
	Thallium	2.00	<2.00	U	2.00	P	05/30/2025	17:00	LB135969
	Vanadium	2.00	<2.00	U	2.00	P	05/30/2025	17:00	LB135969
	Zinc	2.00	<2.00	U	2.00	P	05/30/2025	17:00	LB135969

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: CDM Smith		SDG No.: Q2100	
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2100	SAS No.: Q2100
ICS Source: EPA		Instrument ID: P4	

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	265000	255000	104	216000	294000	05/30/2025	15:34	LB135969
	Antimony	-10.5			-50	50	05/30/2025	15:34	LB135969
	Arsenic	7.93			-20	20	05/30/2025	15:34	LB135969
	Barium	5.59	6.0	93	-94	106	05/30/2025	15:34	LB135969
	Beryllium	1.08			-6	6	05/30/2025	15:34	LB135969
	Cadmium	0.96	1.0	96	-5	7	05/30/2025	15:34	LB135969
	Calcium	250000	245000	102	208000	282000	05/30/2025	15:34	LB135969
	Chromium	50.5	52.0	97	42	62	05/30/2025	15:34	LB135969
	Cobalt	2.14			-30	30	05/30/2025	15:34	LB135969
	Copper	11.1	2.0	555	-18	22	05/30/2025	15:34	LB135969
	Iron	106000	101000	105	85600	116500	05/30/2025	15:34	LB135969
	Lead	-3.47			-12	12	05/30/2025	15:34	LB135969
	Magnesium	273000	255000	107	216000	294000	05/30/2025	15:34	LB135969
	Manganese	10.4	7.0	148	-13	27	05/30/2025	15:34	LB135969
	Nickel	2.67	2.0	134	-38	42	05/30/2025	15:34	LB135969
	Potassium	82.2			0	0	05/30/2025	15:34	LB135969
	Selenium	1.16			-20	20	05/30/2025	15:34	LB135969
	Silver	-0.97			-10	10	05/30/2025	15:34	LB135969
	Sodium	15.7			0	0	05/30/2025	15:34	LB135969
	Thallium	-1.62			-40	40	05/30/2025	15:34	LB135969
	Vanadium	2.32			-40	40	05/30/2025	15:34	LB135969
	Zinc	-8.28			-40	40	05/30/2025	15:34	LB135969
ICSAB01	Aluminum	249000	247000	101	209000	285000	05/30/2025	15:49	LB135969
	Antimony	649	618	105	525	711	05/30/2025	15:49	LB135969
	Arsenic	115	104	111	88.4	120	05/30/2025	15:49	LB135969
	Barium	495	537	92	437	637	05/30/2025	15:49	LB135969
	Beryllium	545	495	110	420	570	05/30/2025	15:49	LB135969
	Cadmium	1050	972	108	826	1120	05/30/2025	15:49	LB135969
	Calcium	231000	235000	98	199000	271000	05/30/2025	15:49	LB135969
	Chromium	586	542	108	460	624	05/30/2025	15:49	LB135969
	Cobalt	530	476	111	404	548	05/30/2025	15:49	LB135969
	Copper	539	511	106	434	588	05/30/2025	15:49	LB135969
	Iron	96800	99300	98	84400	114500	05/30/2025	15:49	LB135969
	Lead	49.0	49.0	100	37	61	05/30/2025	15:49	LB135969
	Magnesium	254000	248000	102	210000	286000	05/30/2025	15:49	LB135969
	Manganese	504	507	99	430	584	05/30/2025	15:49	LB135969
	Nickel	1050	954	110	810	1100	05/30/2025	15:49	LB135969
	Potassium	50.6			0	0	05/30/2025	15:49	LB135969
	Selenium	53.5	46.0	116	26	66	05/30/2025	15:49	LB135969
	Silver	223	201	111	170	232	05/30/2025	15:49	LB135969
	Sodium	-16.6			0	0	05/30/2025	15:49	LB135969
	Thallium	86.2	108	80	68	148	05/30/2025	15:49	LB135969

Metals

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INTERFERENCE CHECK SAMPLE

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
ICS Source: EPA **Instrument ID:** P4

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	498	491	101	417	565	05/30/2025	15:49	LB135969
	Zinc	1080	952	113	809	1095	05/30/2025	15:49	LB135969



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2100
contract: CAMP02 **lab code:** CHEM **case no.:** Q2100 **sas no.:** Q2100
matrix: Solid **sample id:** Q2101-01 **client id:** TP-1-MHEMS
Percent Solids for Sample: 93.9 **Spiked ID:** Q2101-01MS **Percent Solids for Spike Sample:** 93.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4360		2590		91.4	1944		P
Antimony	mg/Kg	75 - 125	17.8		2.98		36.6	40	N	P
Arsenic	mg/Kg	75 - 125	35.7		3.87		36.6	87		P
Barium	mg/Kg	75 - 125	17.3		7.03		9.1	113		P
Beryllium	mg/Kg	75 - 125	8.75		0.45		9.1	91		P
Cadmium	mg/Kg	75 - 125	9.71		0.12	J	9.1	105		P
Calcium	mg/Kg	75 - 125	469		350		45.7	260		P
Chromium	mg/Kg	75 - 125	26.1		5.25		18.3	114		P
Cobalt	mg/Kg	75 - 125	14.7		3.15		9.1	127	N	P
Copper	mg/Kg	75 - 125	23.3		8.35		13.7	109		P
Iron	mg/Kg	75 - 125	16100		11500		140	3306		P
Lead	mg/Kg	75 - 125	49.3		6.52		45.7	94		P
Magnesium	mg/Kg	75 - 125	609		356		91.4	277	N	P
Manganese	mg/Kg	75 - 125	60.8		41.0		9.1	217		P
Nickel	mg/Kg	75 - 125	30.9		3.99		22.9	117		P
Potassium	mg/Kg	75 - 125	731		274		460	99		P
Selenium	mg/Kg	75 - 125	72.2		0.31	J	91.4	79		P
Silver	mg/Kg	75 - 125	2.70		0.44	U	3.4	79		P
Sodium	mg/Kg	75 - 125	204		107		140	69	N	P
Thallium	mg/Kg	75 - 125	88.0		1.75	U	91.4	96		P
Vanadium	mg/Kg	75 - 125	31.6		13.6		13.7	132	N	P
Zinc	mg/Kg	75 - 125	23.0		11.5		9.1	127	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2100
contract: CAMP02 **lab code:** CHEM **case no.:** Q2100 **sas no.:** Q2100
matrix: Solid **sample id:** Q2101-01 **client id:** TP-1-MHEMSD
Percent Solids for Sample: 93.9 **Spiked ID:** Q2101-01MSD **Percent Solids for Spike Sample:** 93.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4650		2590		100	2067		P
Antimony	mg/Kg	75 - 125	15.1		2.98		40.2	30	N	P
Arsenic	mg/Kg	75 - 125	39.1		3.87		40.2	88		P
Barium	mg/Kg	75 - 125	18.6		7.03		10.0	116		P
Beryllium	mg/Kg	75 - 125	8.47		0.45		10.0	80		P
Cadmium	mg/Kg	75 - 125	10.1		0.12	J	10.0	100		P
Calcium	mg/Kg	75 - 125	485		350		50.2	269		P
Chromium	mg/Kg	75 - 125	25.5		5.25		20.1	101		P
Cobalt	mg/Kg	75 - 125	15.4		3.15		10.0	122		P
Copper	mg/Kg	75 - 125	24.3		8.35		15.1	106		P
Iron	mg/Kg	75 - 125	18400		11500		150	4556		P
Lead	mg/Kg	75 - 125	52.7		6.52		50.2	92		P
Magnesium	mg/Kg	75 - 125	598		356		100	243	N	P
Manganese	mg/Kg	75 - 125	59.5		41.0		10.0	185		P
Nickel	mg/Kg	75 - 125	32.6		3.99		25.1	114		P
Potassium	mg/Kg	75 - 125	842		274		500	114		P
Selenium	mg/Kg	75 - 125	80.0		0.31	J	100	80		P
Silver	mg/Kg	75 - 125	3.48		0.44	U	3.8	92		P
Sodium	mg/Kg	75 - 125	236		107		150	86		P
Thallium	mg/Kg	75 - 125	95.4		1.75	U	100	95		P
Vanadium	mg/Kg	75 - 125	34.3		13.6		15.1	138	N	P
Zinc	mg/Kg	75 - 125	24.3		11.5		10.0	129	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2100
contract: CAMP02 **lab code:** CHEM **case no.:** Q2100 **sas no.:** Q2100
matrix: Solid **sample id:** Q2109-01 **client id:** TP-02-MHFMS
Percent Solids for Sample: 87.3 **Spiked ID:** Q2109-01MS **Percent Solids for Spike Sample:** 87.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.33		0.020		0.3	104		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>CDM Smith</u>	level:	<u>low</u>	sdg no.:	<u>Q2100</u>		
contract:	<u>CAMP02</u>	lab code:	<u>CHEM</u>	case no.:	<u>Q2100</u>	sas no.:	<u>Q2100</u>
matrix:	<u>Solid</u>	sample id:	<u>Q2109-01</u>	client id:	<u>TP-02-MHFMSD</u>		
Percent Solids for Sample:	87.3	Spiked ID:	Q2109-01MSD	Percent Solids for Spike Sample:	87.3		

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.020		0.3	86		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
Matrix: Solid **Level:** LOW **Client ID:** TP-1-MHEA
Sample ID: Q2101-01 **Spiked ID:** Q2101-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	34.9		2.98		34.9	92		P
Cobalt	mg/Kg	75 - 125	11.8		3.15		8.70	99		P
Magnesium	mg/Kg	75 - 125	431		356		87.3	87		P
Sodium	mg/Kg	75 - 125	226		107		130	92		P
Vanadium	mg/Kg	75 - 125	25.0		13.6		13.1	87		P
Zinc	mg/Kg	75 - 125	238		11.5		8.70	2600	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
Matrix: Solid **Sample ID:** Q2101-01 **Client ID:** TP-1-MHEDUP
Percent Solids for Sample: 93.9 **Duplicate ID** Q2101-01DUP **Percent Solids for Spike Sample:** 93.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	2590		4220		48	*	P
Antimony	mg/Kg	20	2.98		0.35	J	158	*	P
Arsenic	mg/Kg	20	3.87		5.20		29	*	P
Barium	mg/Kg	20	7.03		11.8		51	*	P
Beryllium	mg/Kg	20	0.45		0.85		61	*	P
Cadmium	mg/Kg	20	0.12	J	0.47		118		P
Calcium	mg/Kg	20	350		464		28	*	P
Chromium	mg/Kg	20	5.25		9.21		55	*	P
Cobalt	mg/Kg	20	3.15		9.83		103	*	P
Copper	mg/Kg	20	8.35		12.2		37	*	P
Iron	mg/Kg	20	11500		18000		44	*	P
Lead	mg/Kg	20	6.52		5.88		10		P
Magnesium	mg/Kg	20	356		697		65	*	P
Manganese	mg/Kg	20	41.0		108		90	*	P
Nickel	mg/Kg	20	3.99		8.11		68	*	P
Potassium	mg/Kg	20	274		415		41	*	P
Selenium	mg/Kg	20	0.31	J	0.96	U	200.0		P
Silver	mg/Kg	20	0.44	U	0.48	U			P
Sodium	mg/Kg	20	107		96.4		10		P
Thallium	mg/Kg	20	1.75	U	1.92	U			P
Vanadium	mg/Kg	20	13.6		19.9		38	*	P
Zinc	mg/Kg	20	11.5		16.6		36	*	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100
Matrix: Solid **Sample ID:** Q2101-01MS **Client ID:** TP-1-MHEMSD
Percent Solids for Sample: 93.9 **Duplicate ID** Q2101-01MSD **Percent Solids for Spike Sample:** 93.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4360		4650		6		P
Antimony	mg/Kg	20	17.8		15.1		16		P
Arsenic	mg/Kg	20	35.7		39.1		9		P
Barium	mg/Kg	20	17.3		18.6		7		P
Beryllium	mg/Kg	20	8.75		8.47		3		P
Cadmium	mg/Kg	20	9.71		10.1		4		P
Calcium	mg/Kg	20	469		485		3		P
Chromium	mg/Kg	20	26.1		25.5		2		P
Cobalt	mg/Kg	20	14.7		15.4		5		P
Copper	mg/Kg	20	23.3		24.3		4		P
Iron	mg/Kg	20	16100		18400		13		P
Lead	mg/Kg	20	49.3		52.7		7		P
Magnesium	mg/Kg	20	609		598		2		P
Manganese	mg/Kg	20	60.8		59.5		2		P
Nickel	mg/Kg	20	30.9		32.6		5		P
Potassium	mg/Kg	20	731		842		14		P
Selenium	mg/Kg	20	72.2		80.0		10		P
Silver	mg/Kg	20	2.70		3.48		25	*	P
Sodium	mg/Kg	20	204		236		15		P
Thallium	mg/Kg	20	88.0		95.4		8		P
Vanadium	mg/Kg	20	31.6		34.3		8		P
Zinc	mg/Kg	20	23.0		24.3		5		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2100</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2100</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2109-01</u>	Client ID:	<u>TP-02-MHFDUP</u>
Percent Solids for Sample:	87.3	Duplicate ID	Q2109-01DUP	Percent Solids for Spike Sample:	87.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.020		0.021		5		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2100</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2100</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q2109-01MS</u>	Client ID:	<u>TP-02-MHFMSD</u>
Percent Solids for Sample:	87.3	Duplicate ID	Q2109-01MSD	Percent Solids for Spike Sample:	87.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.33		0.28		18		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168117BS							
Aluminum	mg/Kg	100	96.9		97	80 - 120	P
Antimony	mg/Kg	40.0	42.8		107	80 - 120	P
Arsenic	mg/Kg	40.0	41.9		105	80 - 120	P
Barium	mg/Kg	10.0	9.64		96	80 - 120	P
Beryllium	mg/Kg	10.0	9.71		97	80 - 120	P
Cadmium	mg/Kg	10.0	10.3		103	80 - 120	P
Calcium	mg/Kg	50.0	50.6	J	101	80 - 120	P
Chromium	mg/Kg	20.0	20.9		104	80 - 120	P
Cobalt	mg/Kg	10.0	10.2		102	80 - 120	P
Copper	mg/Kg	15.0	16.2		108	80 - 120	P
Iron	mg/Kg	150	163		109	80 - 120	P
Lead	mg/Kg	50.0	50.1		100	80 - 120	P
Magnesium	mg/Kg	100	95.4	J	95	80 - 120	P
Manganese	mg/Kg	10.0	9.88		99	80 - 120	P
Nickel	mg/Kg	25.0	25.9		104	80 - 120	P
Potassium	mg/Kg	500	508		102	80 - 120	P
Selenium	mg/Kg	100	107		107	80 - 120	P
Silver	mg/Kg	3.8	3.80		100	80 - 120	P
Sodium	mg/Kg	150	149		99	80 - 120	P
Thallium	mg/Kg	100	105		105	80 - 120	P
Vanadium	mg/Kg	15.0	14.7		98	80 - 120	P
Zinc	mg/Kg	10.0	9.97		100	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: CDM Smith **SDG No.:** Q2100
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2100 **SAS No.:** Q2100

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168146BS Mercury	mg/Kg	0.26	0.25		94	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-1-MHEL

Lab Name: Chemtech Consulting Group

Contract: CAMP02

Lab Code: CHEM Lb No.: lb135969 Lab Sample ID : Q2101-01L SDG No.: Q2100

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)			Serial Dilution Result (S)			% Differ- ence	Q	M
	C			C					
Aluminum		2590			2740		6		P
Antimony		2.98			2.79	J	6		P
Arsenic		3.87			4.09	J	6		P
Barium		7.03			7.51	J	7		P
Beryllium		0.45			0.53	J	16		P
Cadmium		0.12	J		1.31	U	100.0		P
Calcium		350			375	J	7		P
Chromium		5.25			5.83		11		P
Cobalt		3.15			3.06	J	3		P
Copper		8.35			9.24		11		P
Iron		11500			12200		6		P
Lead		6.52			6.28		4		P
Magnesium		356			381	J	7		P
Manganese		41.0			43.9		7		P
Nickel		3.99			3.92	J	2		P
Potassium		274			276	J	0		P
Selenium		0.31	J		4.36	U	100.0		P
Silver		0.44	U		2.18	U			P
Sodium		107			96.0	J	10		P
Thallium		1.75	U		8.73	U			P
Vanadium		13.6			14.7		8		P
Zinc		11.5			14.8		29		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-02-MHFL

Lab Name: Chemtech Consulting Group

Contract: CAMP02

Lab Code: CHEM

Lb No.: lb135901

Lab Sample ID : Q2109-01L

SDG No.: Q2100

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.020	0.068 U	100.0		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
Instrument ID: _____ Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith SDG No.: Q2100
 Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
 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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith SDG No.: Q2100
 Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
 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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith SDG No.: Q2100
Contract: CAMP02 Lab Code: CHEM Case No.: Q2100 SAS No.: Q2100
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



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q2100</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2100</u>
		SAS No.:	<u>Q2100</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168117							
PB168117BL	PB168117BL	MB	SOLID	05/21/2025	2.00	100.0	100.00
PB168117BS	PB168117BS	LCS	SOLID	05/21/2025	2.00	100.0	100.00
Q2100-01	TP-16	SAM	SOLID	05/21/2025	2.31	100.0	88.40
Q2100-02	TP-22	SAM	SOLID	05/21/2025	2.23	100.0	84.00
Q2100-03	TP-21	SAM	SOLID	05/21/2025	2.18	100.0	78.20
Q2100-04	TP-45	SAM	SOLID	05/21/2025	2.18	100.0	76.20
Q2101-01DUP	TP-1-MHEDUP	DUP	SOLID	05/21/2025	2.22	100.0	93.90
Q2101-01MS	TP-1-MHEMS	MS	SOLID	05/21/2025	2.33	100.0	93.90
Q2101-01MSD	TP-1-MHEMSD	MSD	SOLID	05/21/2025	2.12	100.0	93.90

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q2100</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2100</u>
		SAS No.:	<u>Q2100</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168146							
PB168146BL	PB168146BL	MB	SOLID	05/23/2025	0.52	35.0	100.00
PB168146BS	PB168146BS	LCS	SOLID	05/23/2025	0.54	35.0	100.00
Q2100-01	TP-16	SAM	SOLID	05/23/2025	0.60	35.0	88.40
Q2100-02	TP-22	SAM	SOLID	05/23/2025	0.57	35.0	84.00
Q2100-03	TP-21	SAM	SOLID	05/23/2025	0.52	35.0	78.20
Q2100-04	TP-45	SAM	SOLID	05/23/2025	0.52	35.0	76.20
Q2109-01DUP	TP-02-MHFDUP	DUP	SOLID	05/23/2025	0.56	35.0	87.30
Q2109-01MS	TP-02-MHFMS	MS	SOLID	05/23/2025	0.54	35.0	87.30
Q2109-01MSD	TP-02-MHFMSD	MSD	SOLID	05/23/2025	0.54	35.0	87.30

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ANALYSIS RUN LOG

Client: CDM Smith **Contract:** CAMP02

Lab code: CHEM **Case no.:** Q2100 **Sas no.:** Q2100 **Sdg no.:** Q2100

Instrument id number: **Method:** **Run number:** LB135901

Start date: 05/23/2025 **End date:** 05/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1211	HG
S0.2	S0.2	1	1214	HG
S2.5	S2.5	1	1216	HG
S5	S5	1	1218	HG
S7.5	S7.5	1	1221	HG
S10	S10	1	1226	HG
ICV16	ICV16	1	1229	HG
ICB16	ICB16	1	1231	HG
CCV60	CCV60	1	1234	HG
CCB60	CCB60	1	1236	HG
CRA	CRA	1	1238	HG
CCV61	CCV61	1	1301	HG
CCB61	CCB61	1	1303	HG
CCV62	CCV62	1	1328	HG
CCB62	CCB62	1	1331	HG
PB168146BL	PB168146BL	1	1342	HG
PB168146BS	PB168146BS	1	1344	HG
Q2100-01	TP-16	1	1347	HG
Q2100-02	TP-22	1	1349	HG
Q2100-03	TP-21	1	1351	HG
Q2100-04	TP-45	1	1354	HG
CCV63	CCV63	1	1356	HG
CCB63	CCB63	1	1358	HG
Q2109-01DUP	TP-02-MHFDUP	1	1409	HG
Q2109-01MS	TP-02-MHFMS	1	1412	HG
Q2109-01MSD	TP-02-MHFMSD	1	1414	HG
CCV64	CCV64	1	1421	HG
CCB64	CCB64	1	1423	HG
Q2109-01L	TP-02-MHFL	5	1432	HG
CCV65	CCV65	1	1437	HG
CCB65	CCB65	1	1439	HG

metals
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ANALYSIS RUN LOG

Client: CDM Smith **Contract:** CAMP02

Lab code: CHEM **Case no.:** Q2100 **Sas no.:** Q2100 **Sdg no.:** Q2100

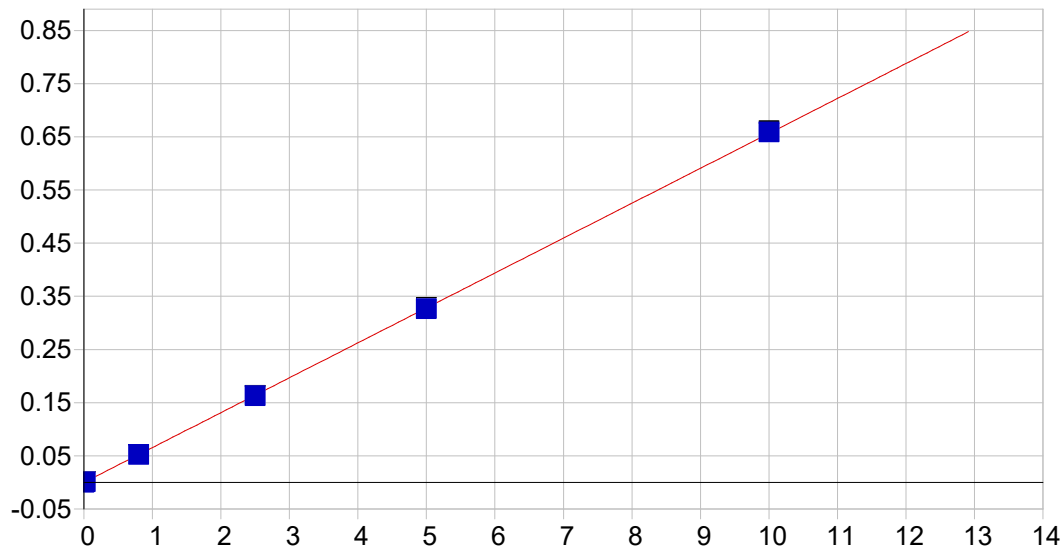
Instrument id number: **Method:** **Run number:** LB135969

Start date: 05/30/2025 **End date:** 05/30/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1416	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	1421	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	1425	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	1429	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	1433	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	1437	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	1513	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	1521	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	1526	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	1530	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	1534	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	1549	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	1602	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	1606	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	1652	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	1656	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168117BL	PB168117BL	1	1700	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168117BS	PB168117BS	1	1704	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2101-01DUP	TP-1-MHEDUP	1	1712	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2101-01L	TP-1-MHEL	5	1717	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2101-01MS	TP-1-MHEMS	1	1721	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2101-01MSD	TP-1-MHEMSD	1	1725	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2101-01A	TP-1-MHEA	1	1729	Co,Mg,Na,Sb,V,Zn
Q2100-01	TP-16	1	1733	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2100-02	TP-22	1	1737	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	1741	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	1745	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2100-03	TP-21	1	1750	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2100-04	TP-45	1	1754	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	1828	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	1832	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	1858	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	1902	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	1930	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	1934	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL RAW DATA

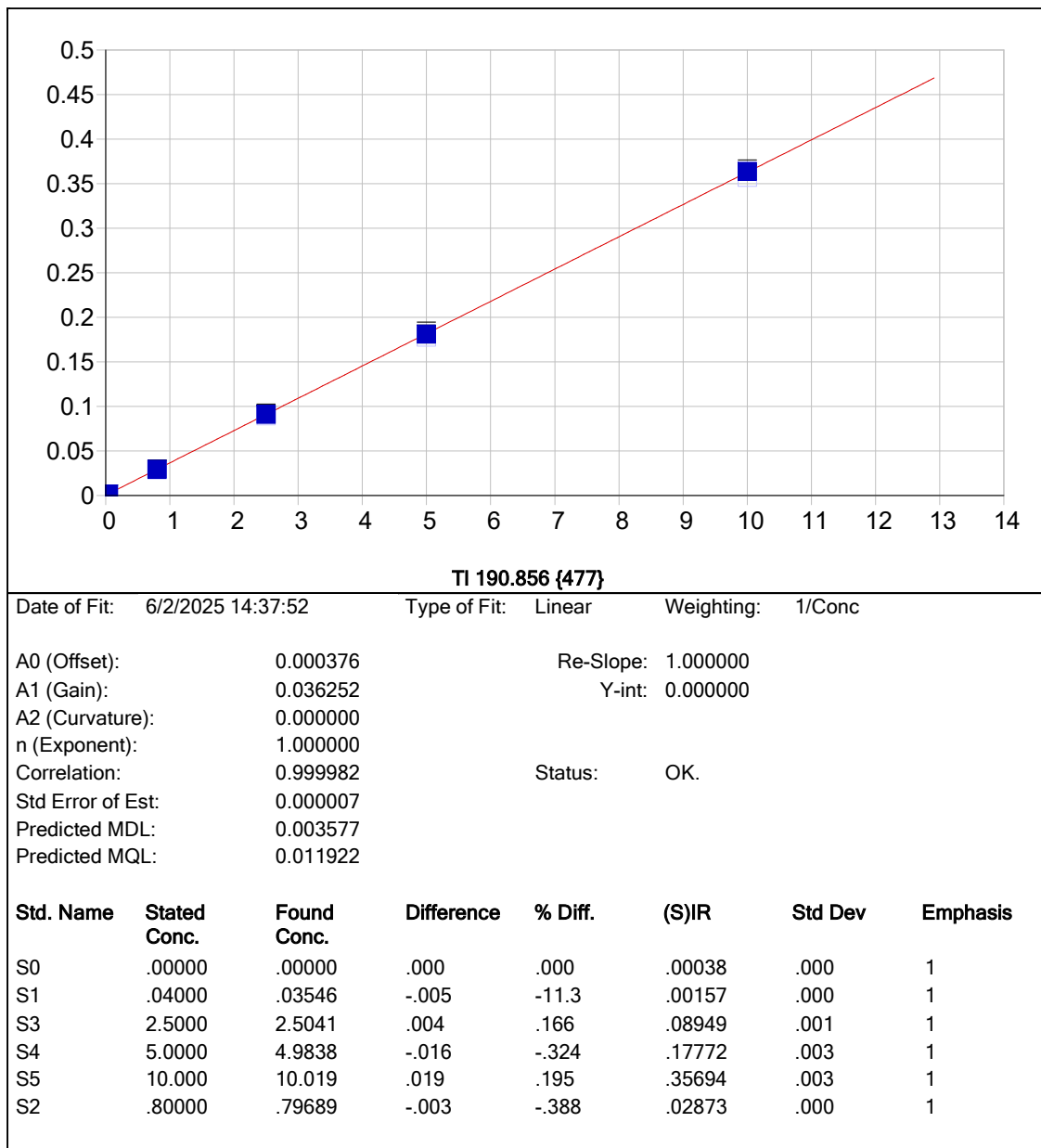


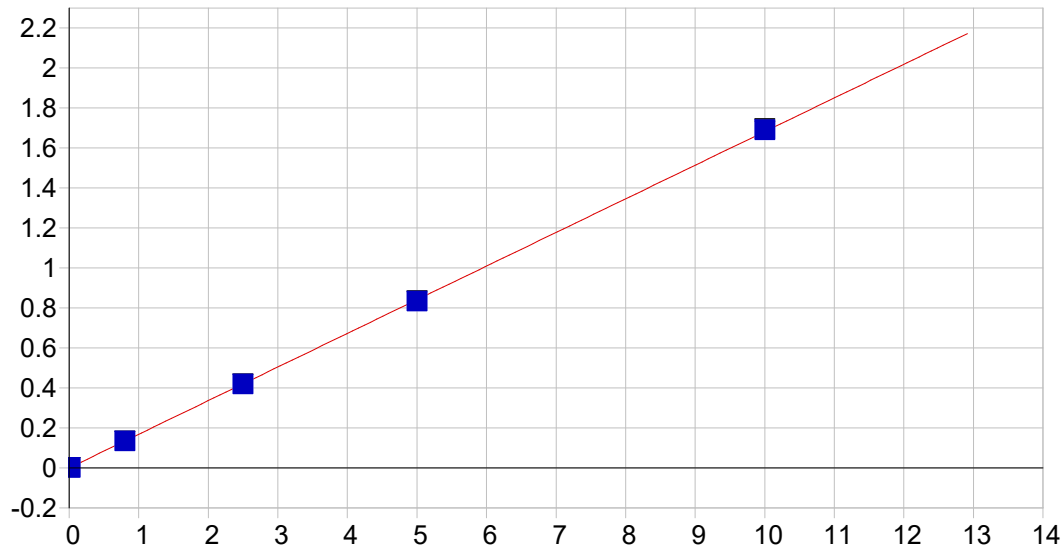
As 189.042 {479}

Date of Fit: 6/2/2025 14:37:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
A1 (Gain): 0.065664 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999987 Status: OK.
Std Error of Est: 0.000008
Predicted MDL: 0.002361
Predicted MQL: 0.007871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02108	.001	5.38	.00126	.000	1
S3	2.5000	2.4823	-.018	-.709	.16270	.001	1
S4	5.0000	4.9760	-.024	-.480	.32627	.002	1
S5	10.000	10.043	.043	.428	.65862	.002	1
S2	.80000	.79790	-.002	-.263	.05222	.000	1



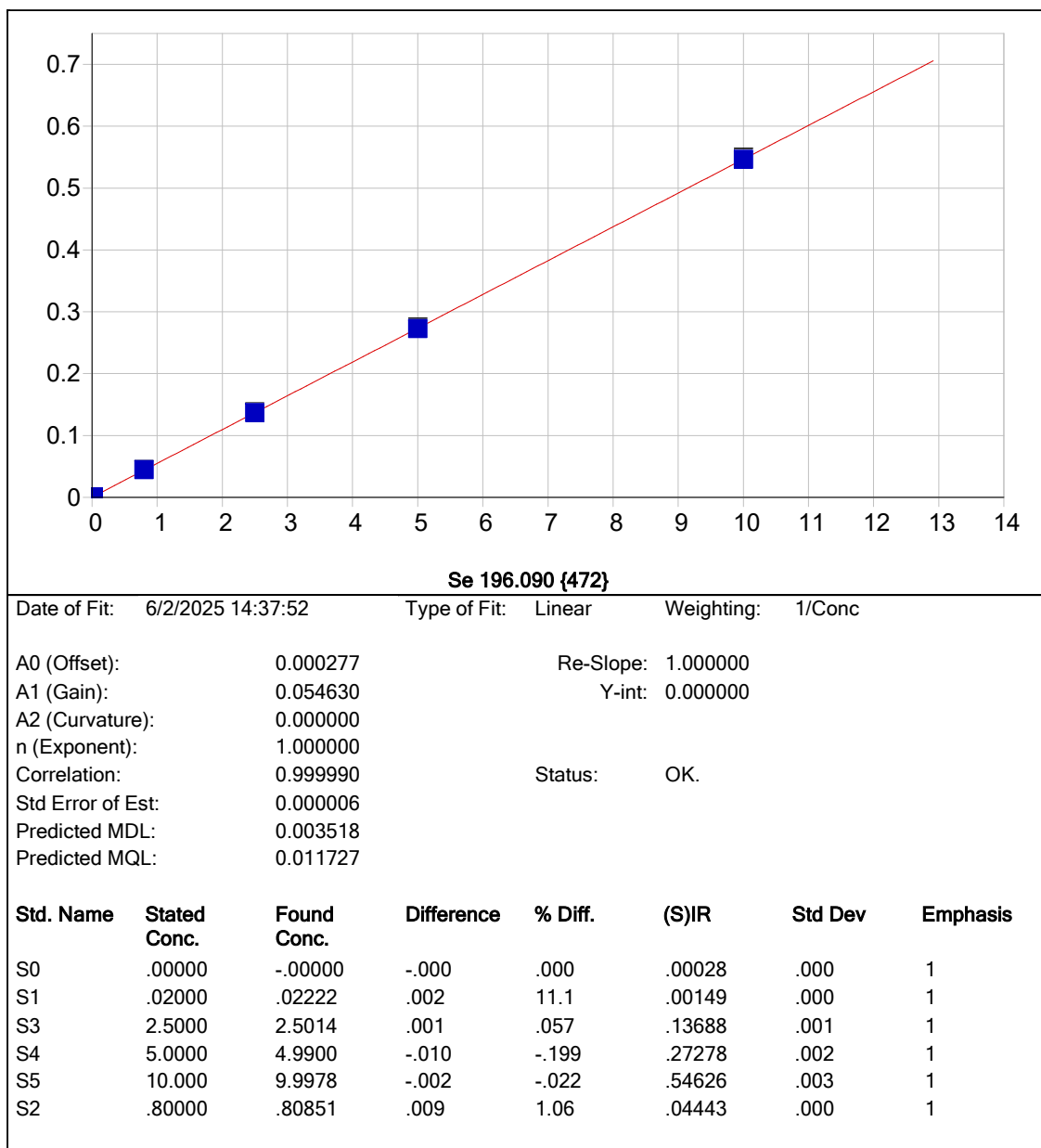


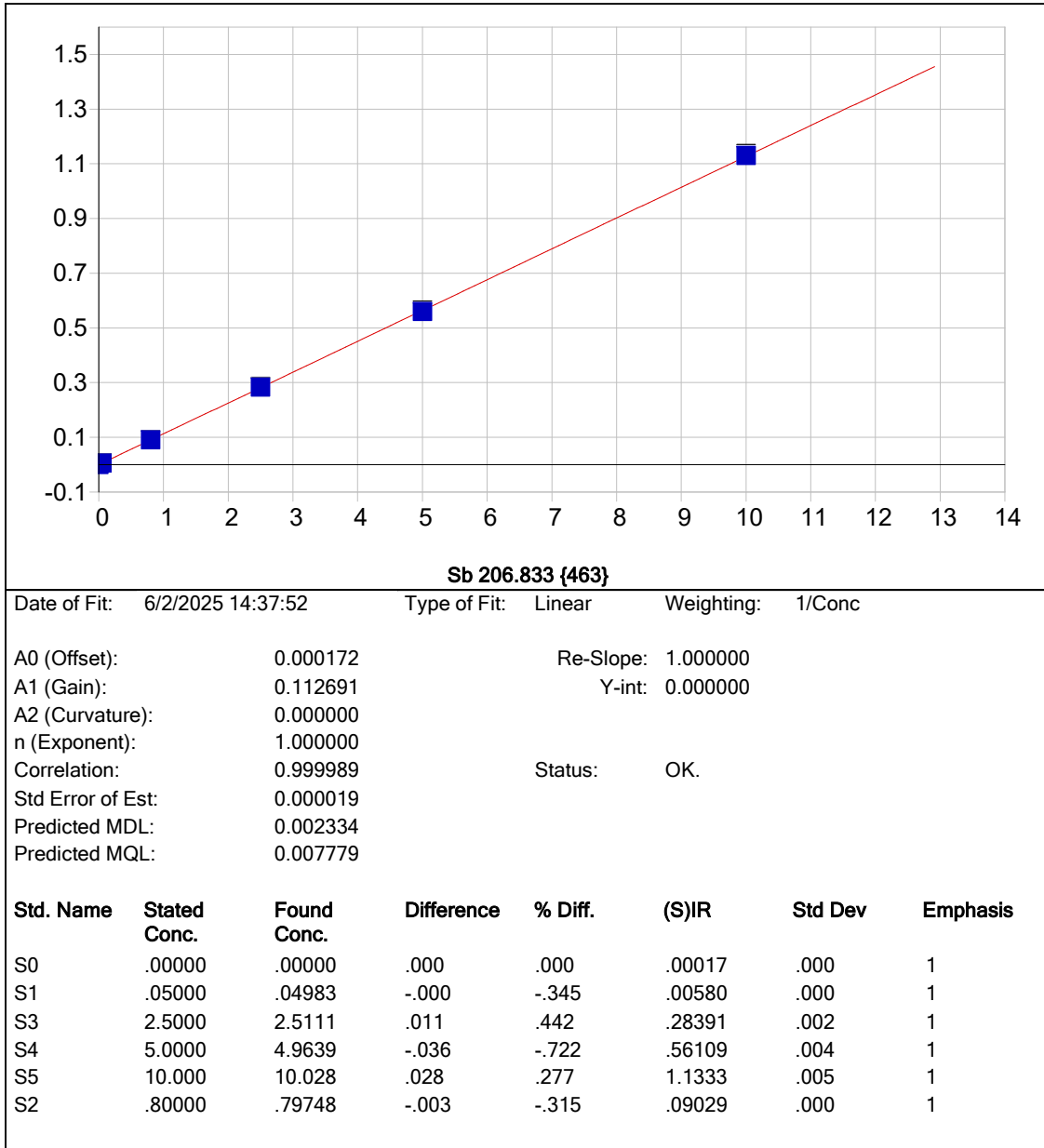
Pb 220.353 {453}

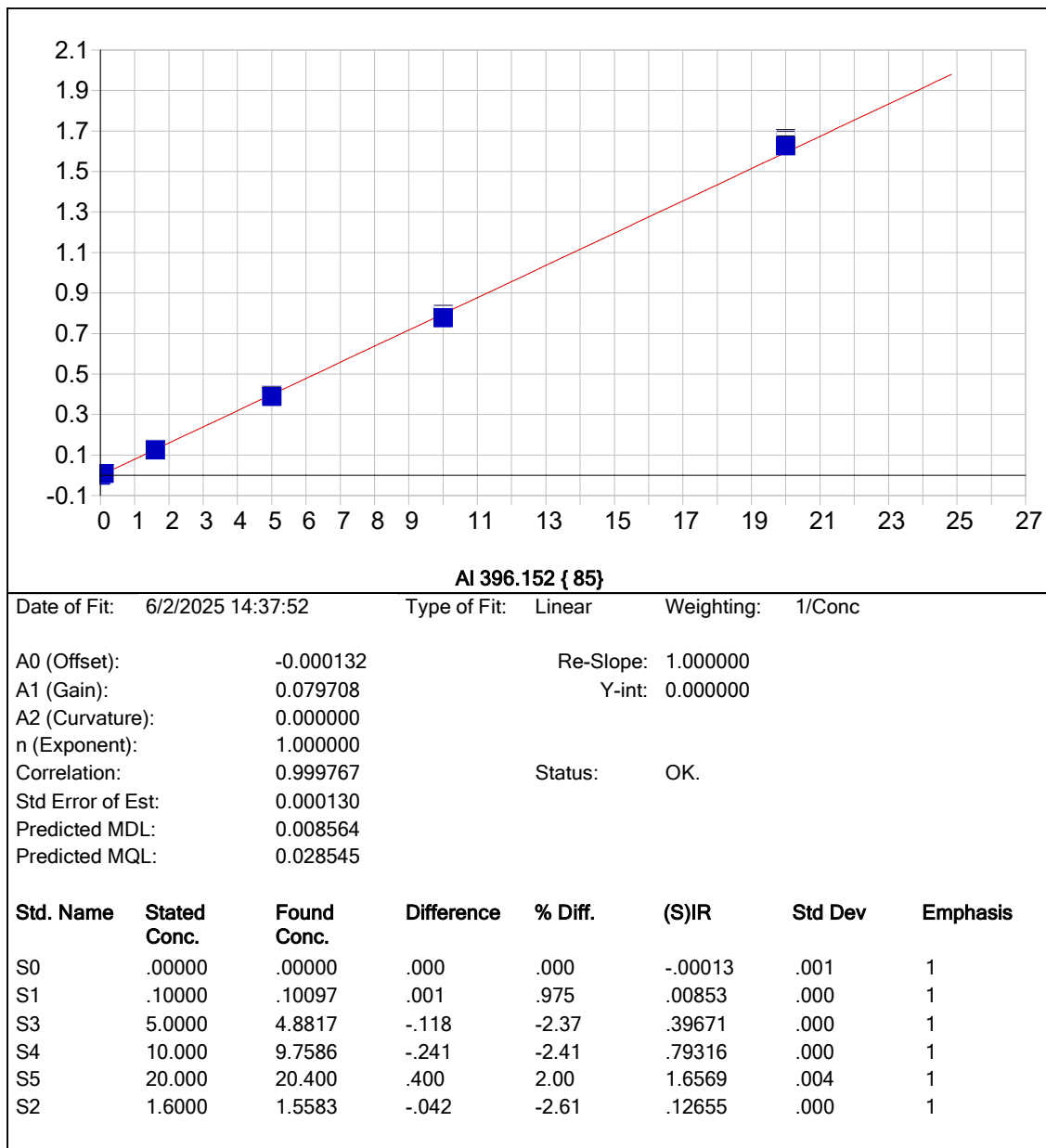
Date of Fit: 6/2/2025 14:37:52 Type of Fit: Linear Weighting: 1/Conc

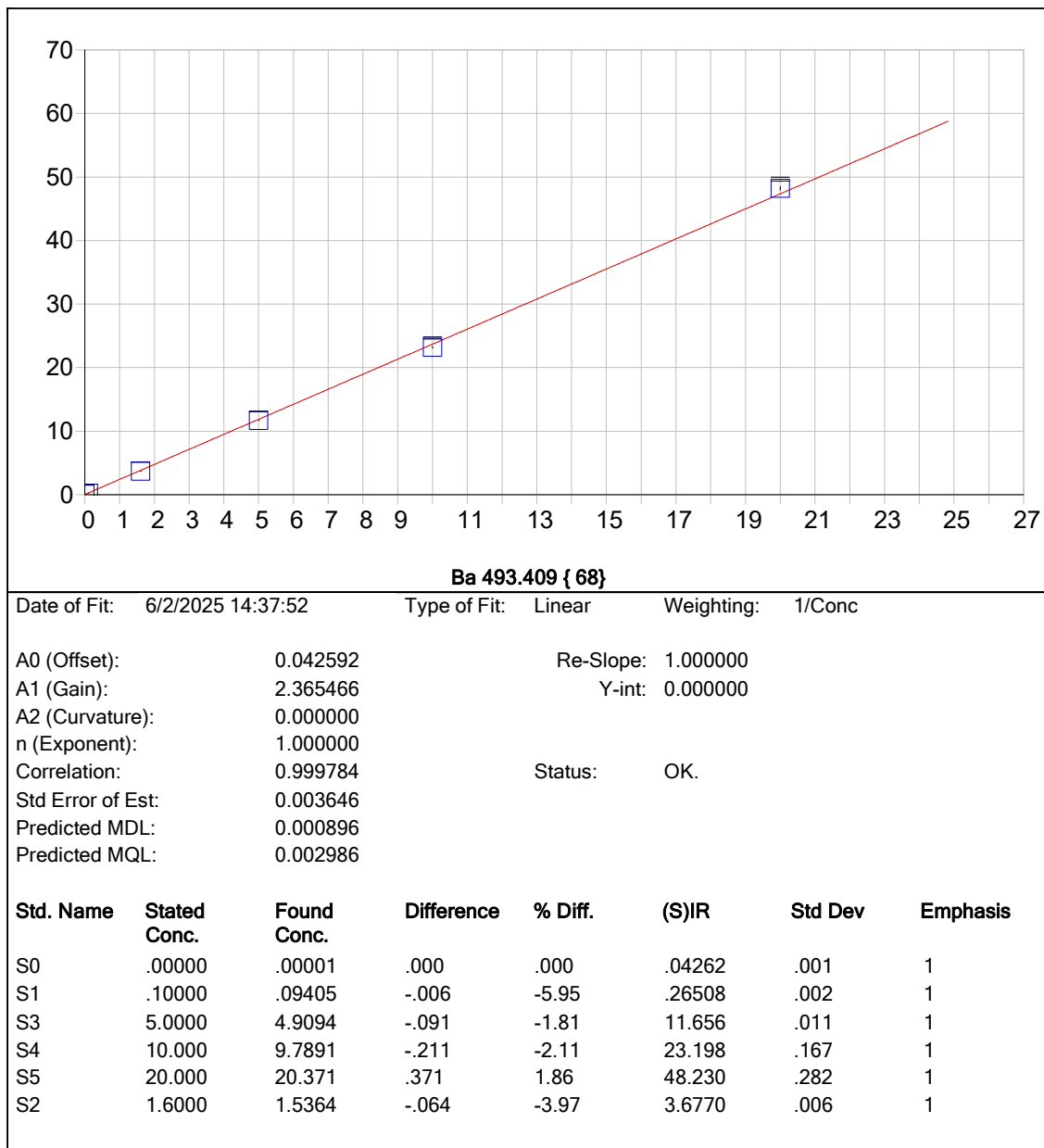
A0 (Offset): 0.000057 Re-Slope: 1.000000
A1 (Gain): 0.168227 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999981 Status: OK.
Std Error of Est: 0.000019
Predicted MDL: 0.001967
Predicted MQL: 0.006557

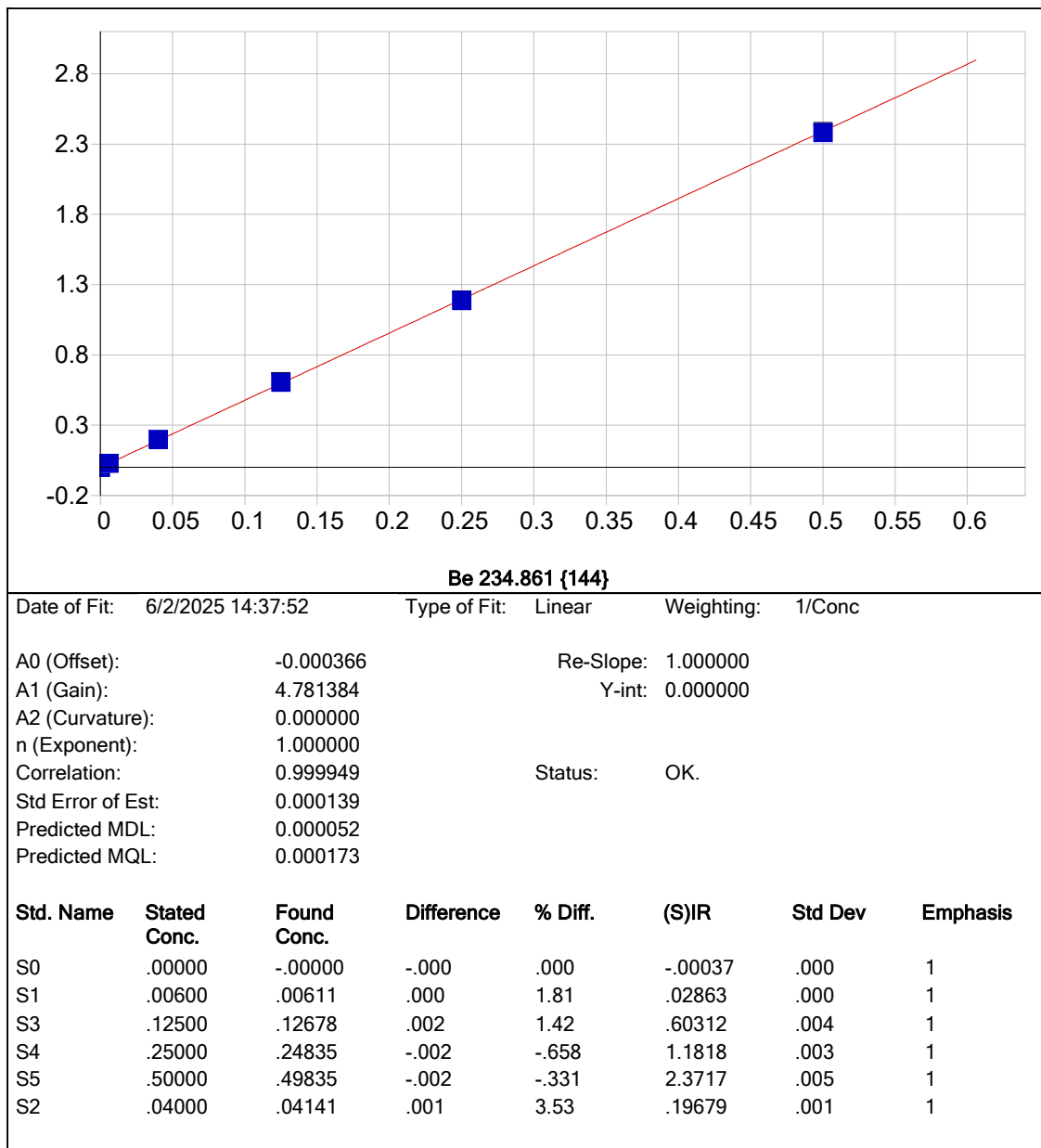
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01200	.01102	-.001	-8.21	.00187	.000	1
S3	2.5000	2.4940	-.006	-.241	.41918	.001	1
S4	5.0000	4.9597	-.040	-.805	.83355	.002	1
S5	10.000	10.052	.052	.517	1.6893	.006	1
S2	.80000	.79558	-.004	-.553	.13376	.001	1

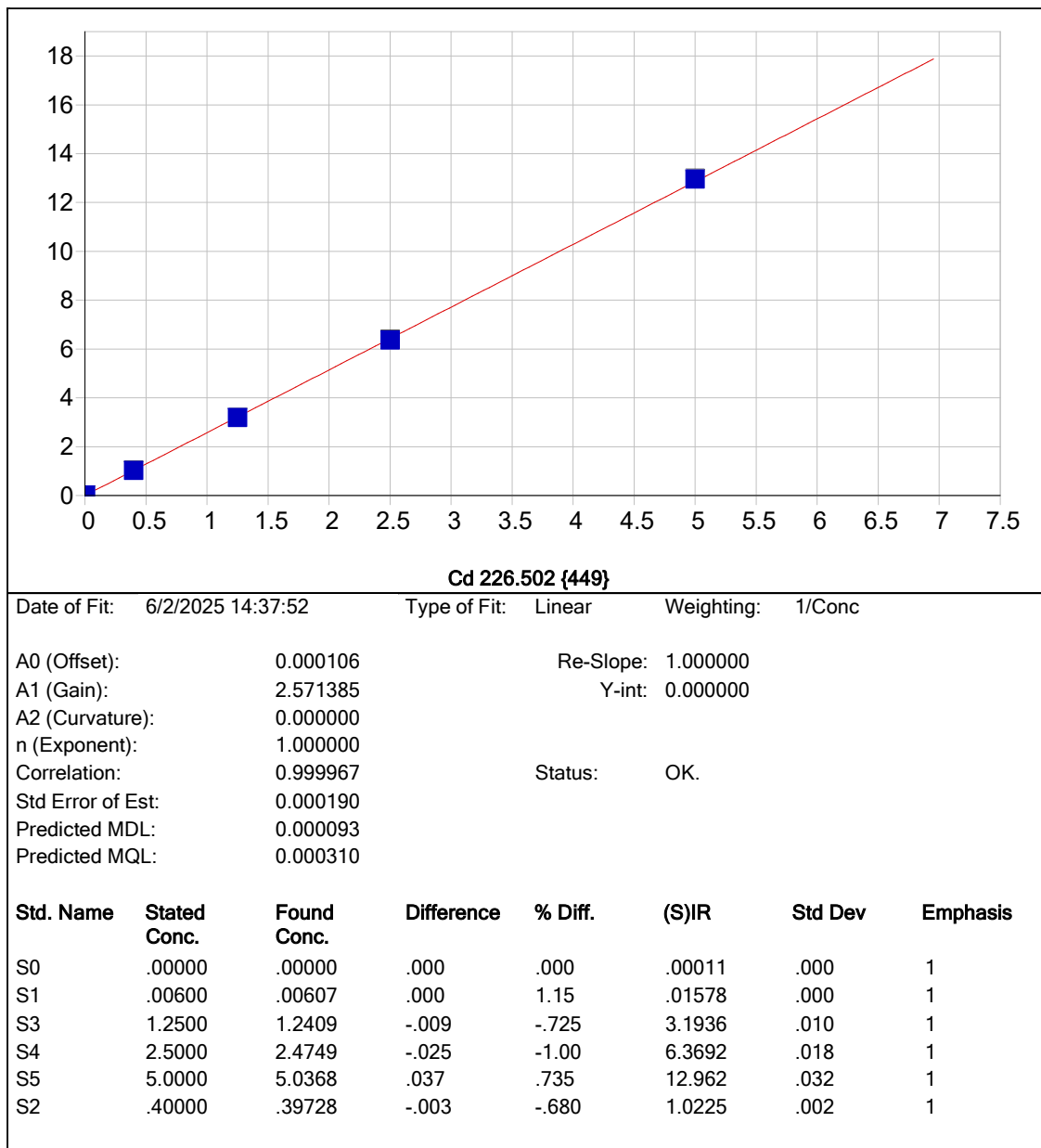


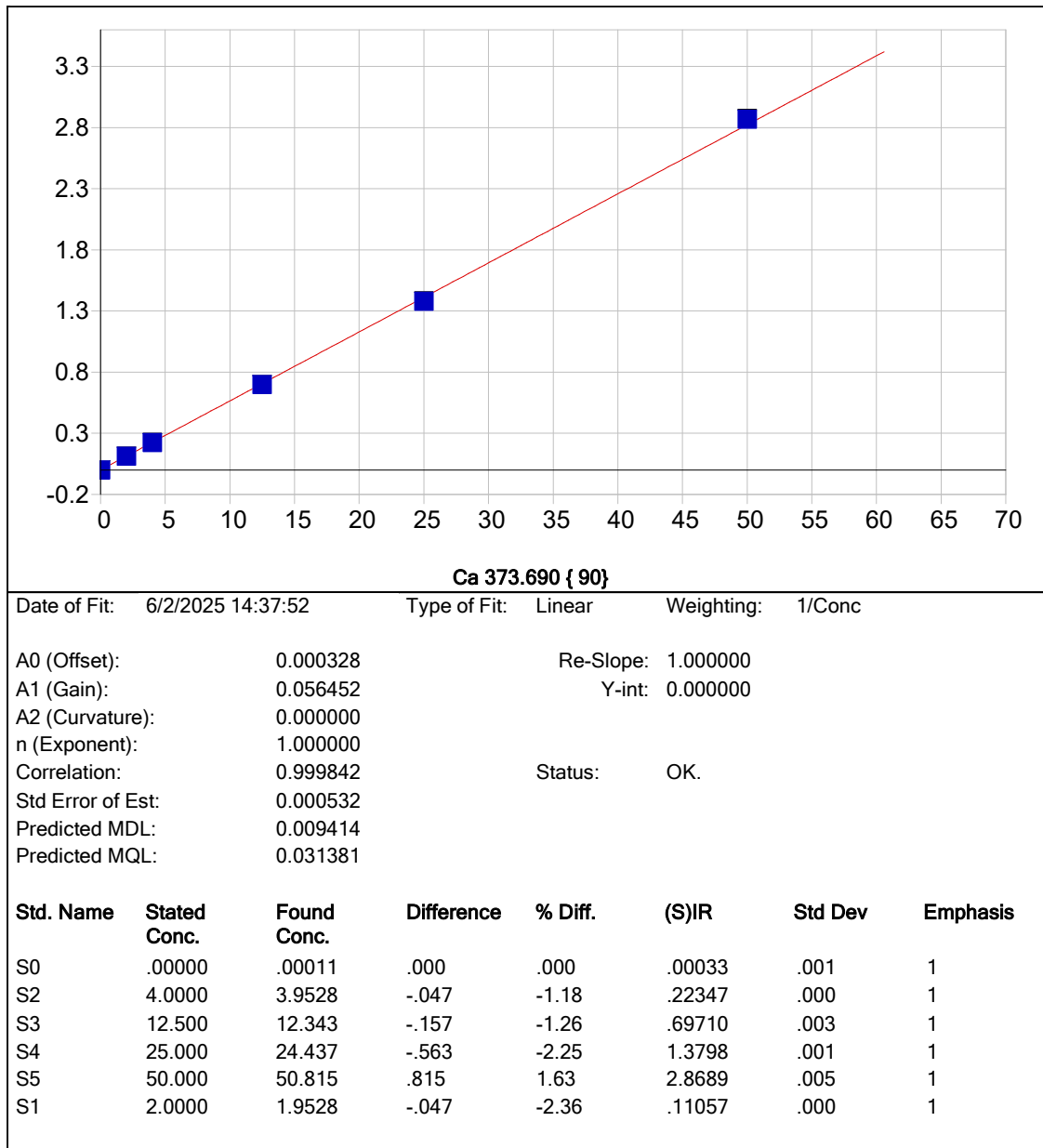


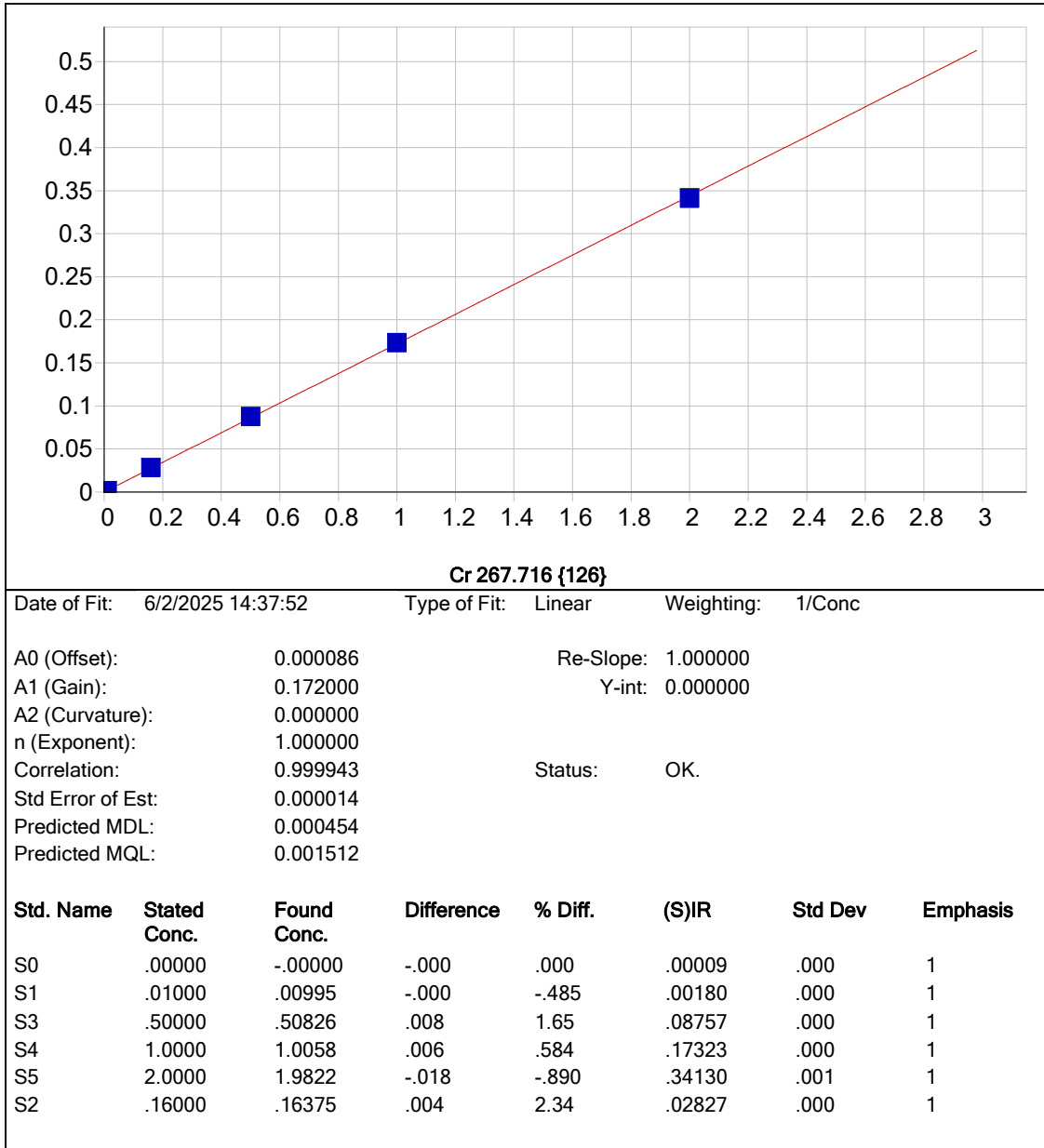


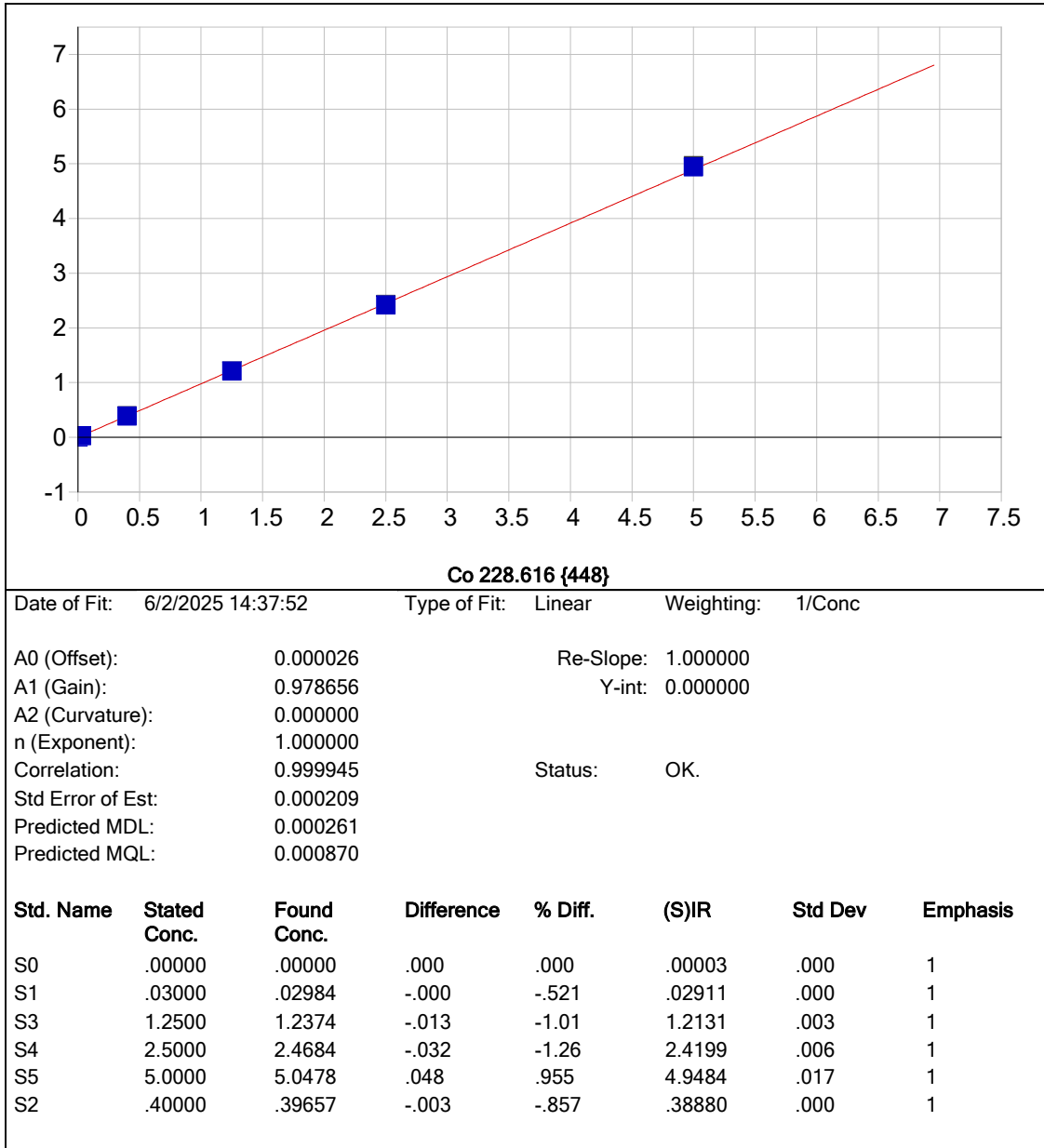


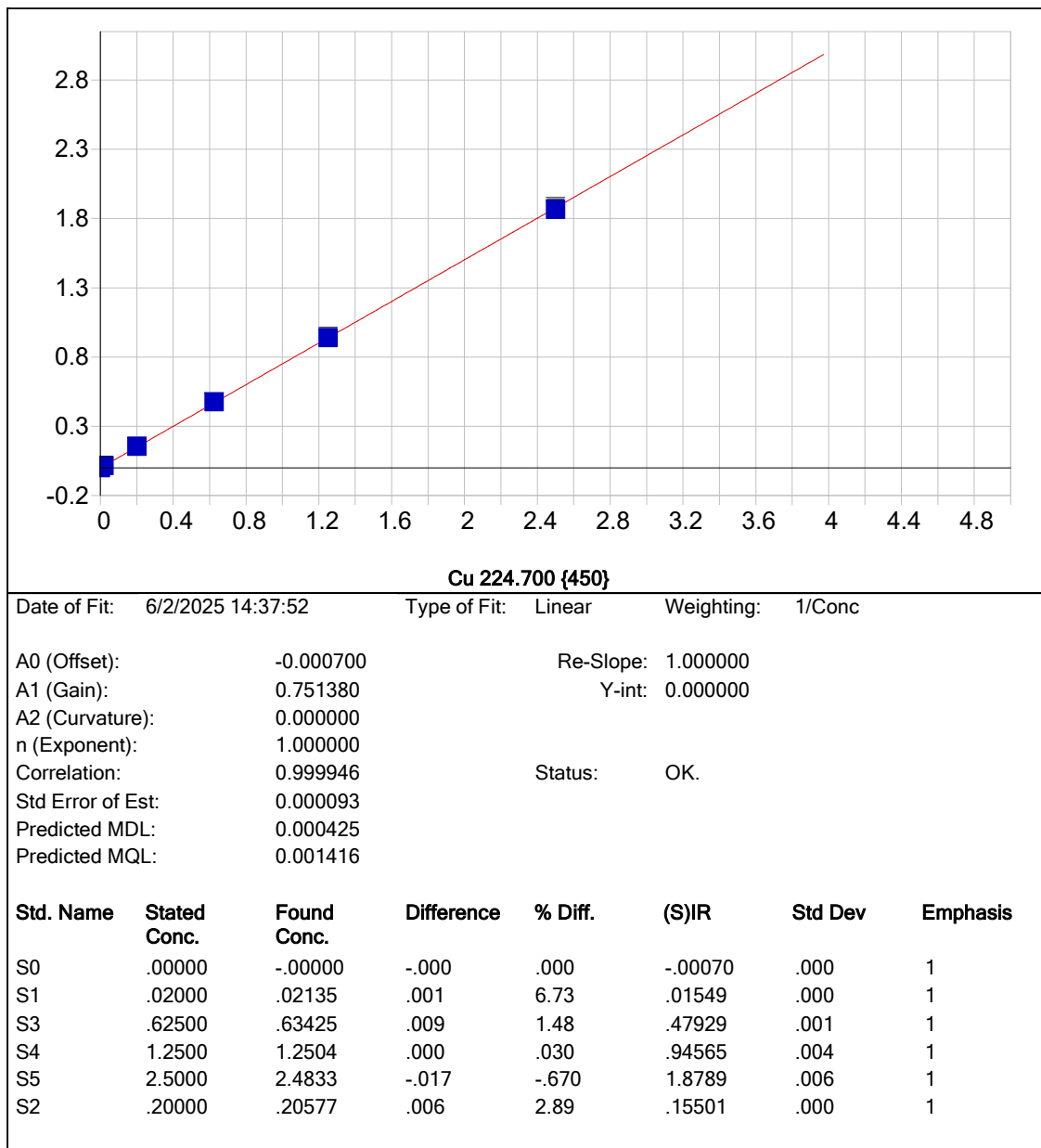


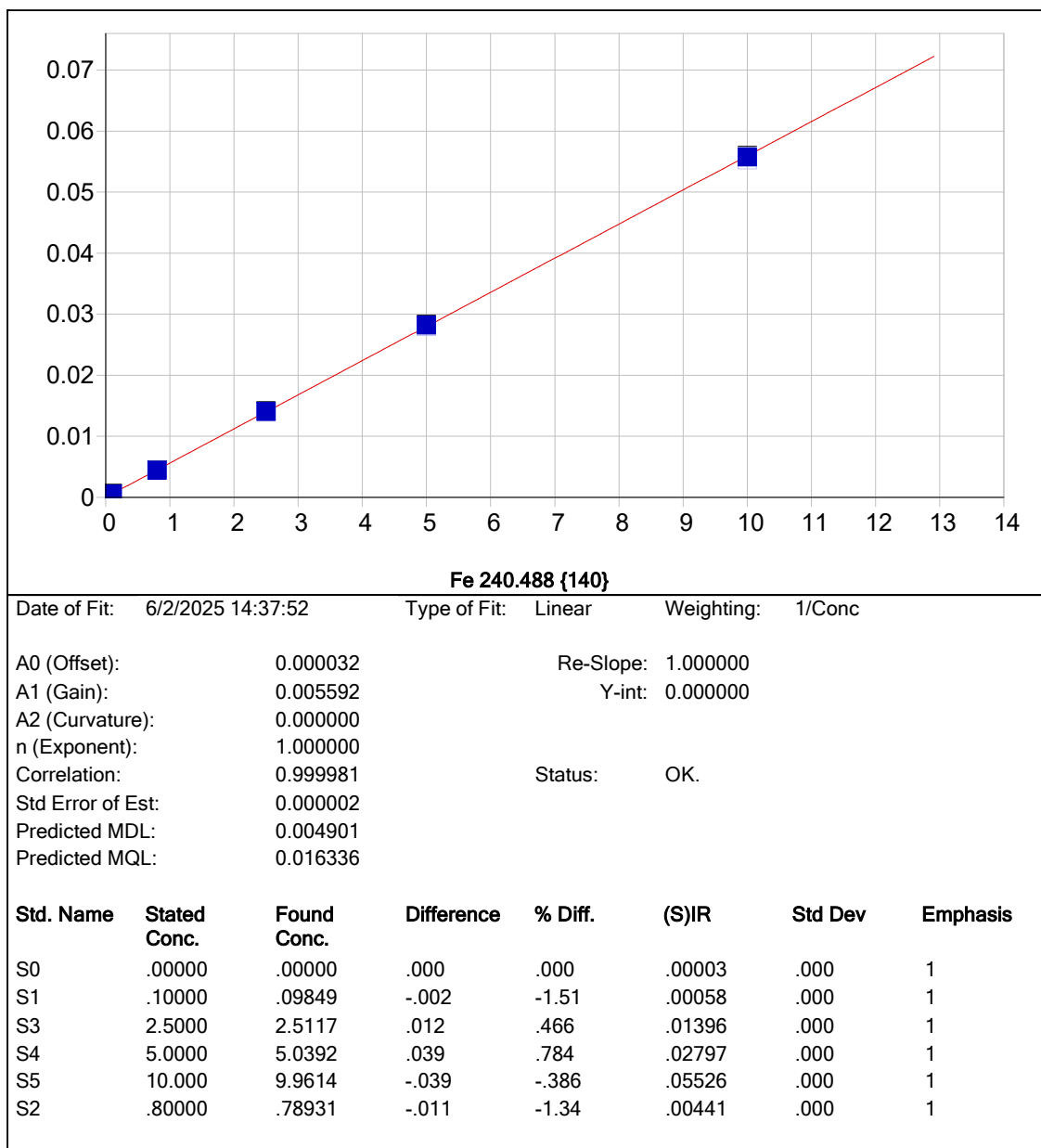


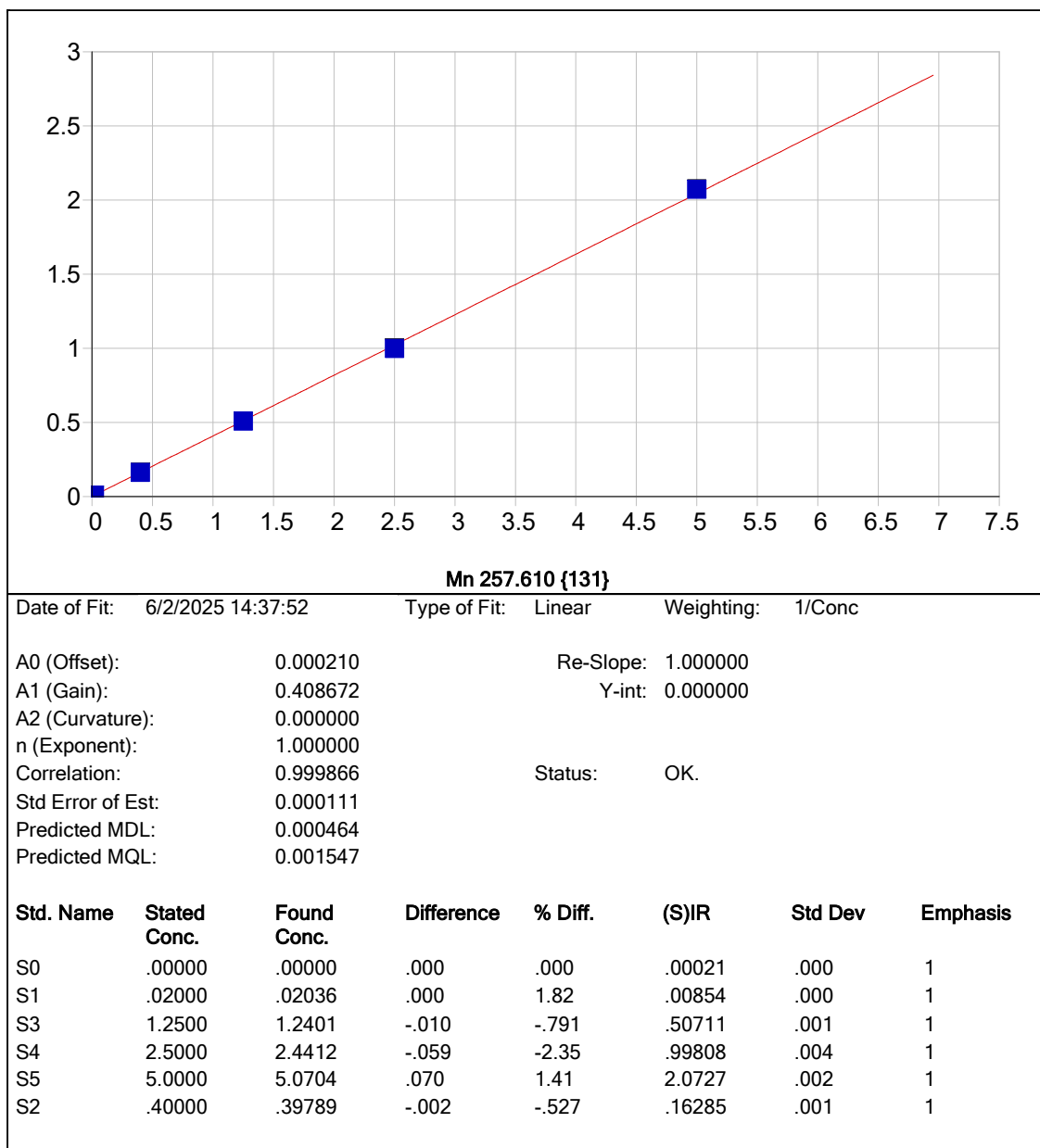


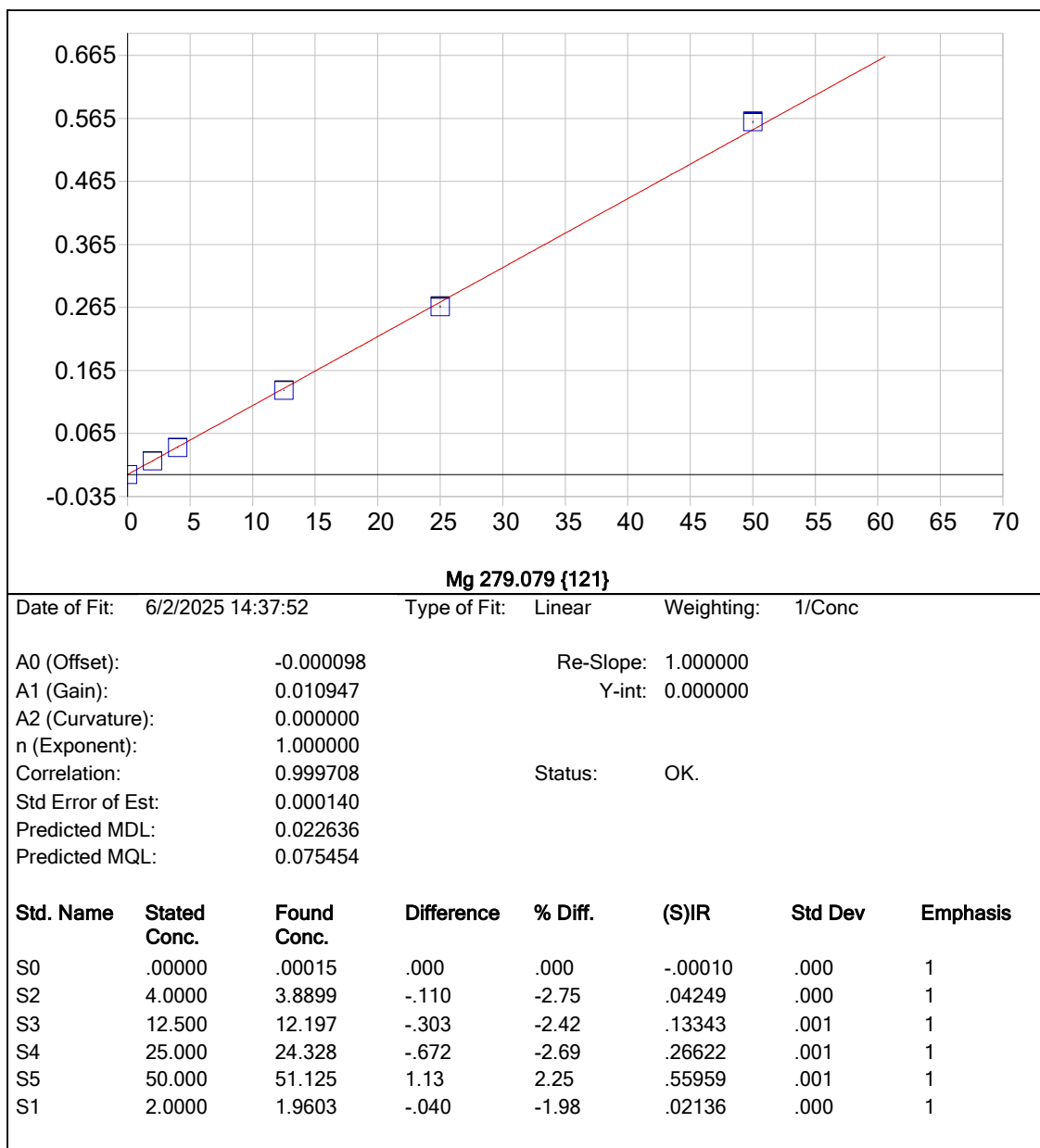


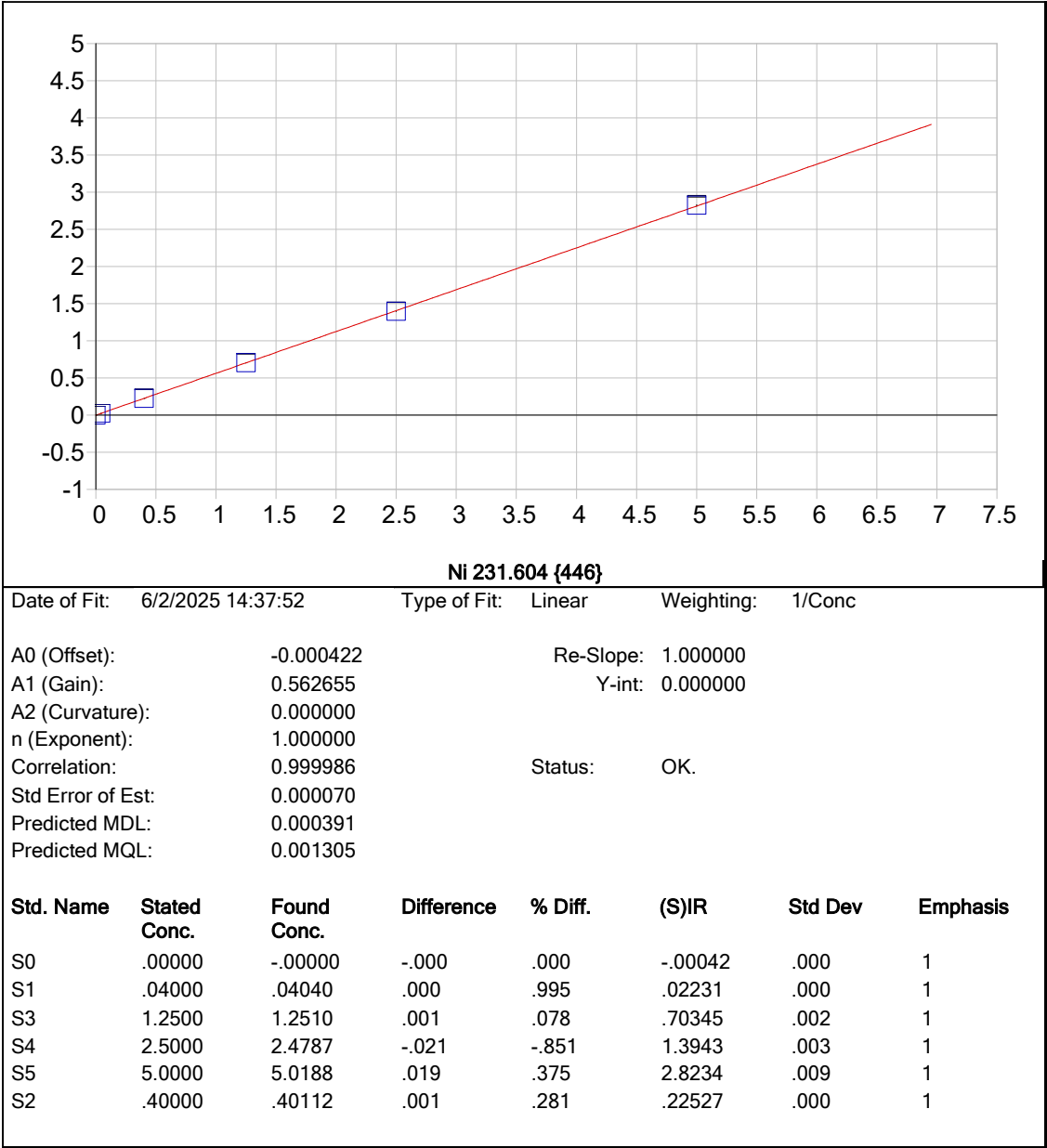


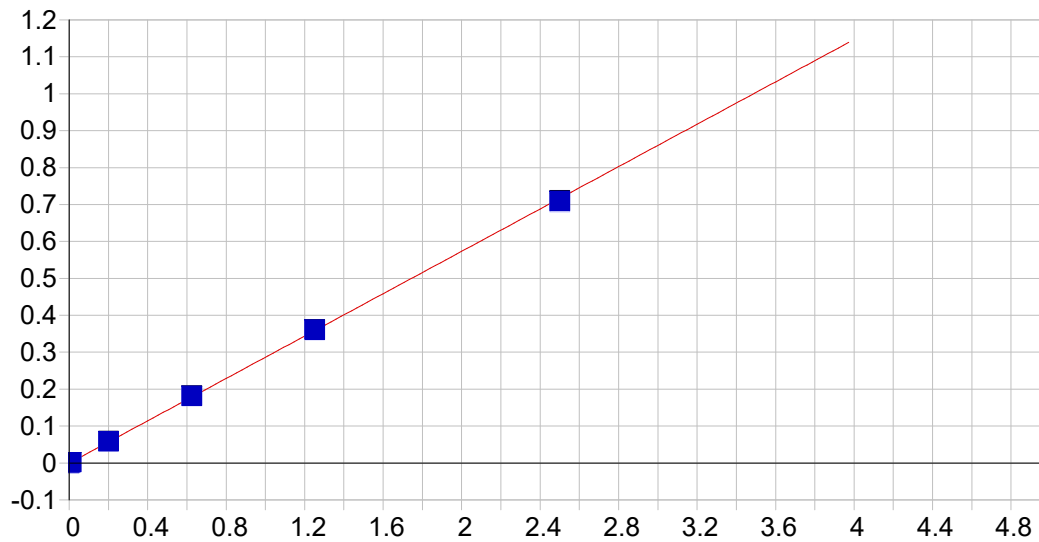










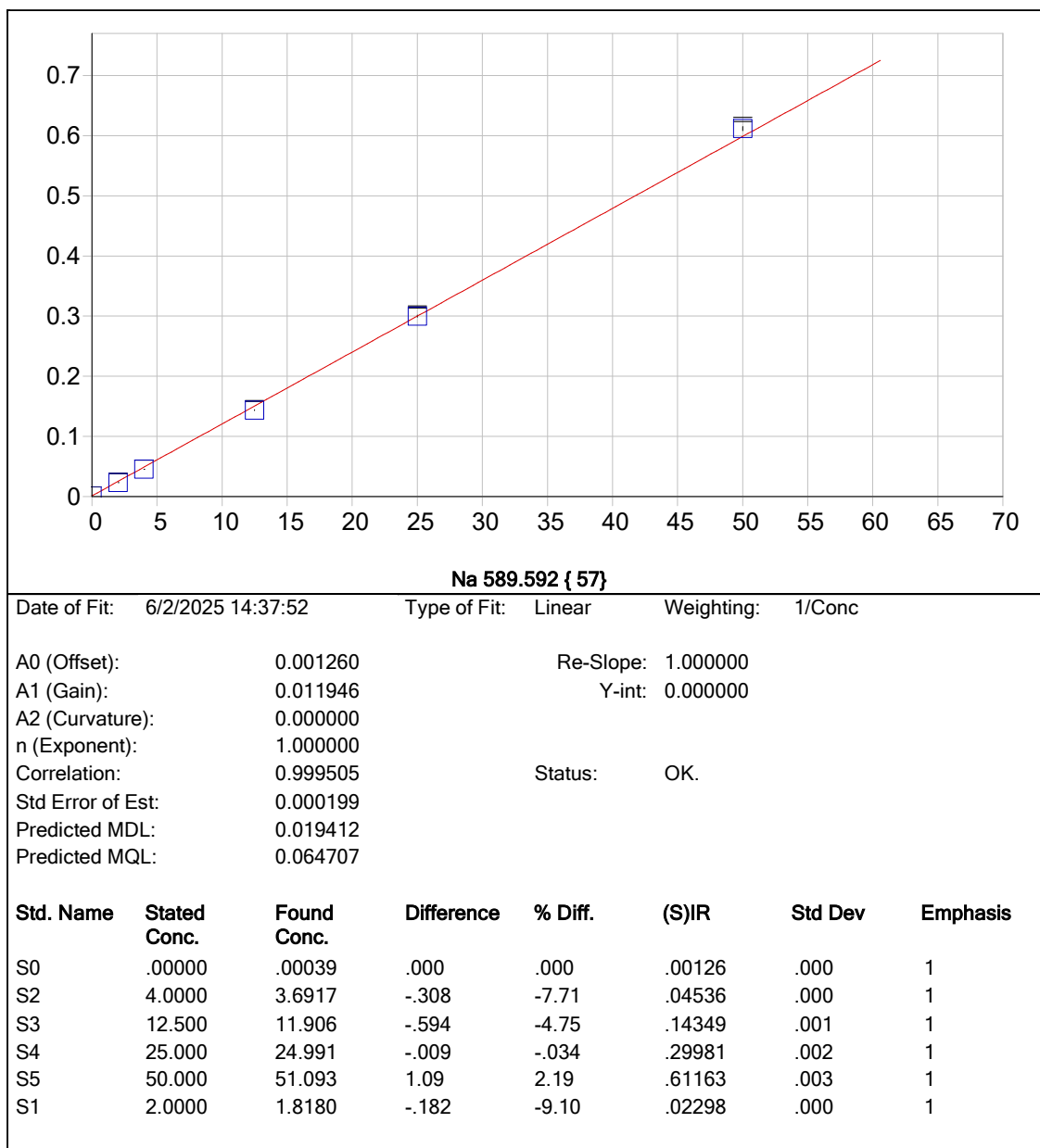


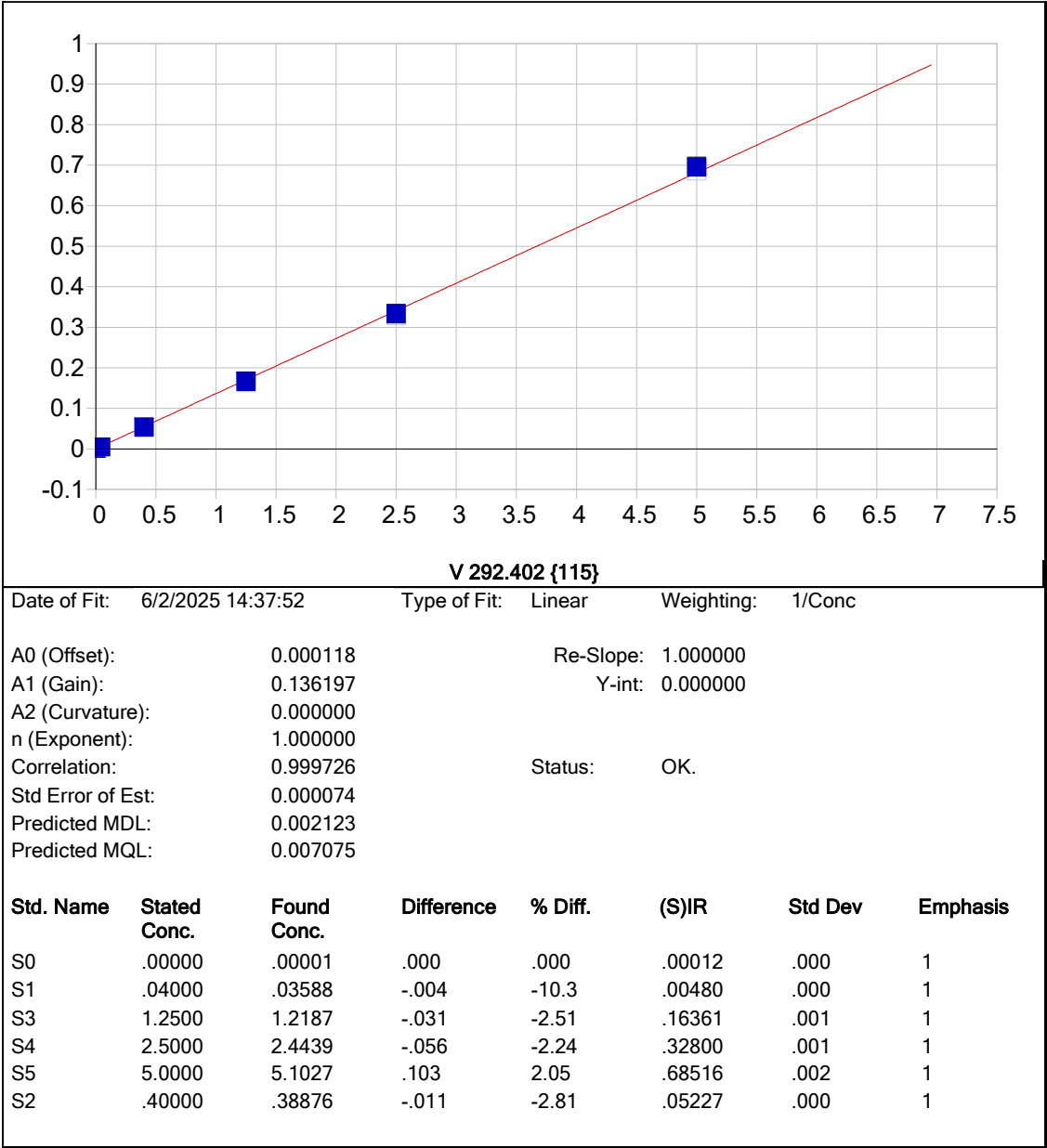
Ag 328.068 {103}

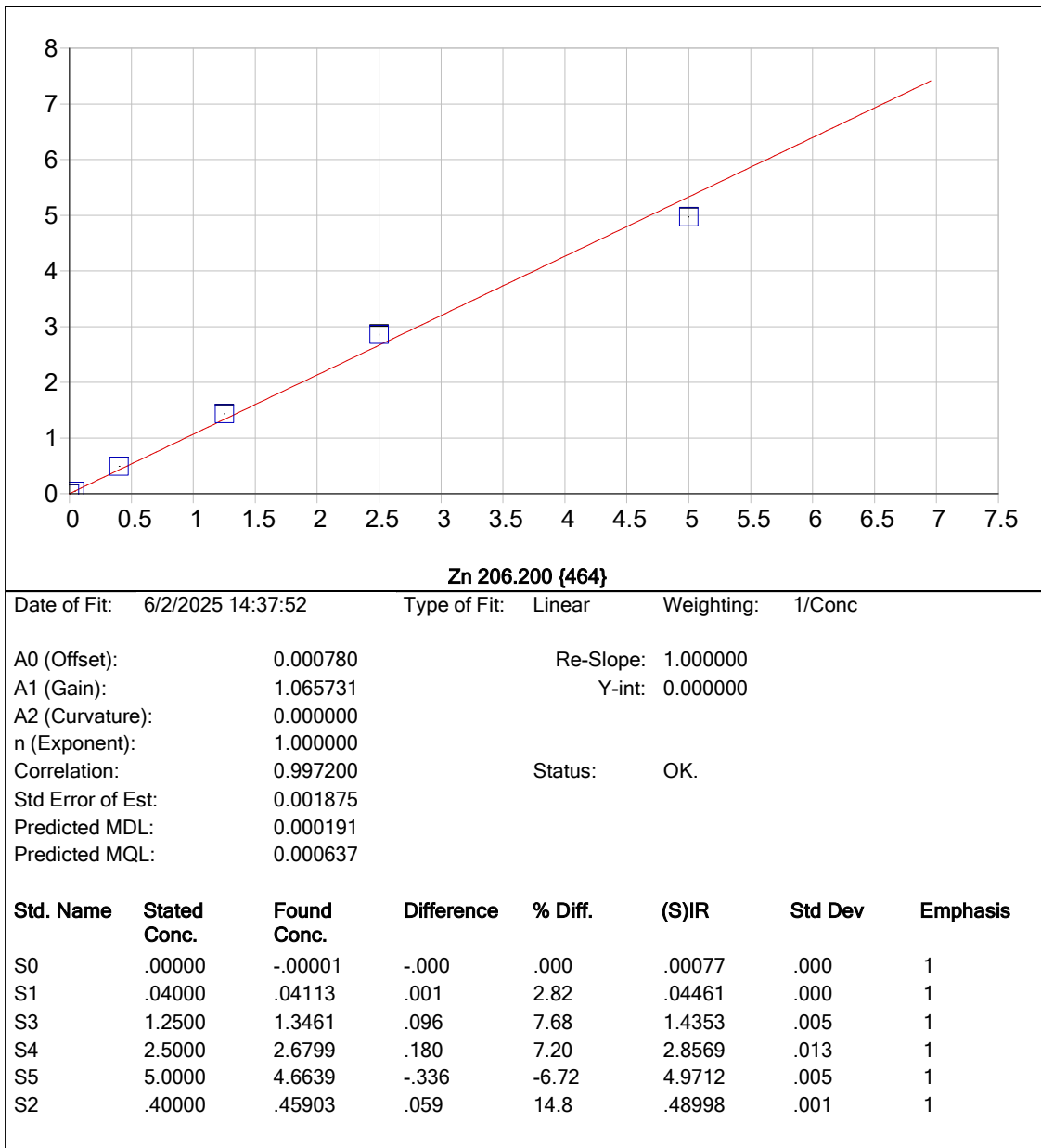
Date of Fit: 6/2/2025 14:37:52 Type of Fit: Linear Weighting: 1/Conc

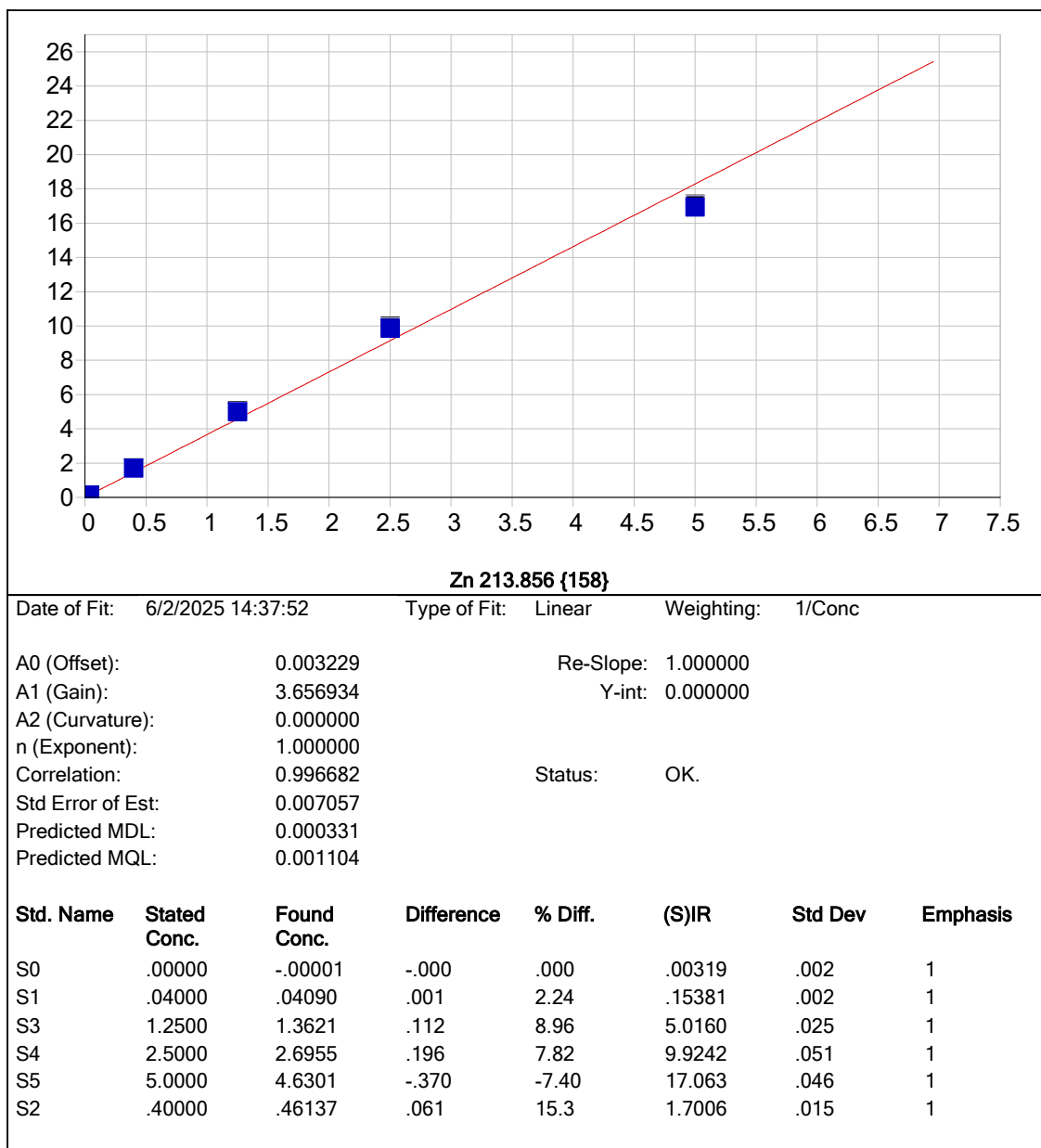
A0 (Offset): -0.000529 Re-Slope: 1.000000
A1 (Gain): 0.286870 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999918 Status: OK.
Std Error of Est: 0.000030
Predicted MDL: 0.000452
Predicted MQL: 0.001506

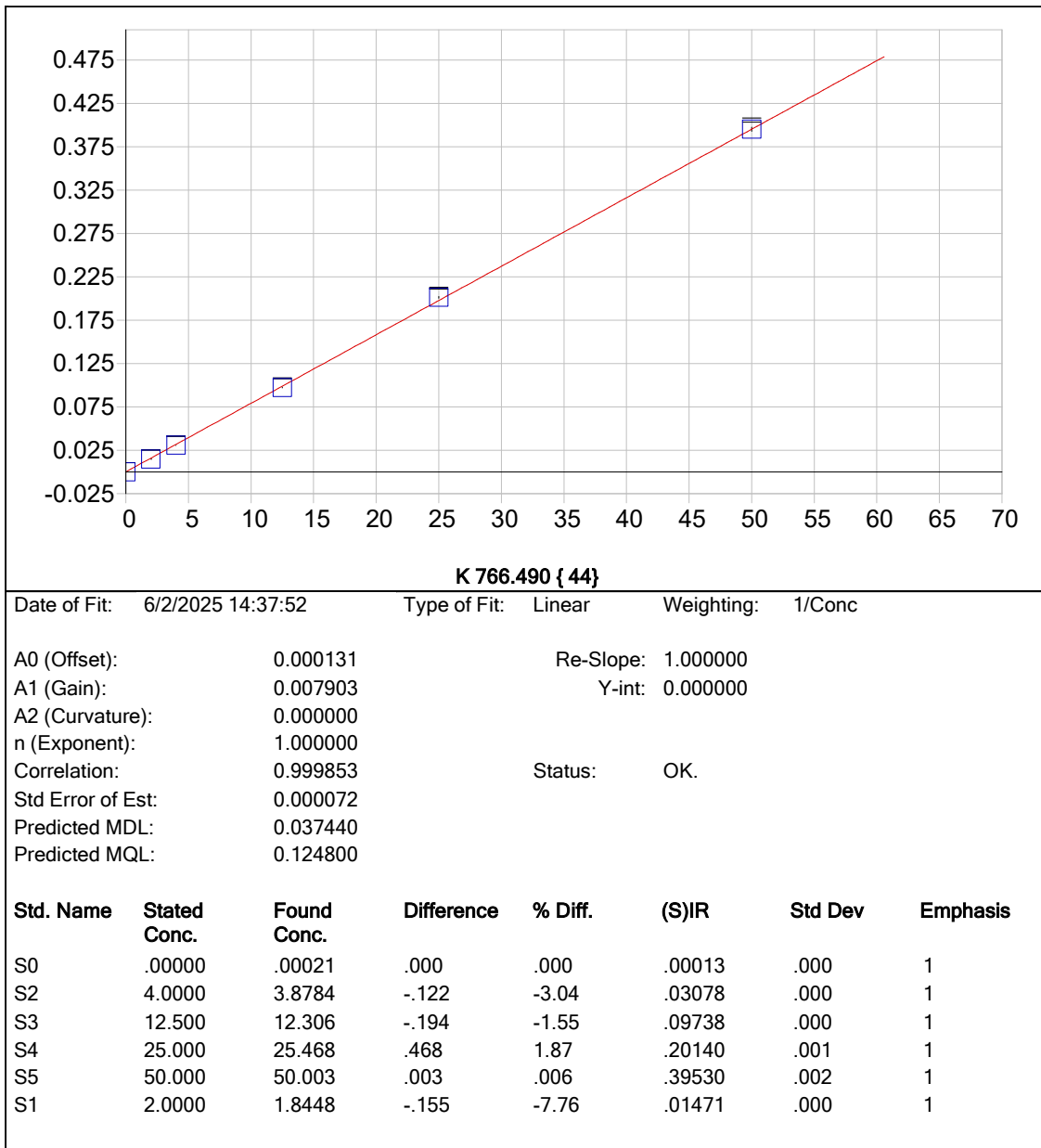
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00053	.000	1
S1	.01000	.00921	-.001	-7.86	.00209	.000	1
S3	.62500	.63471	.010	1.55	.18075	.000	1
S4	1.2500	1.2597	.010	.779	.35926	.000	1
S5	2.5000	2.4749	-.025	-1.00	.70625	.002	1
S2	.20000	.20644	.006	3.22	.05844	.000	1

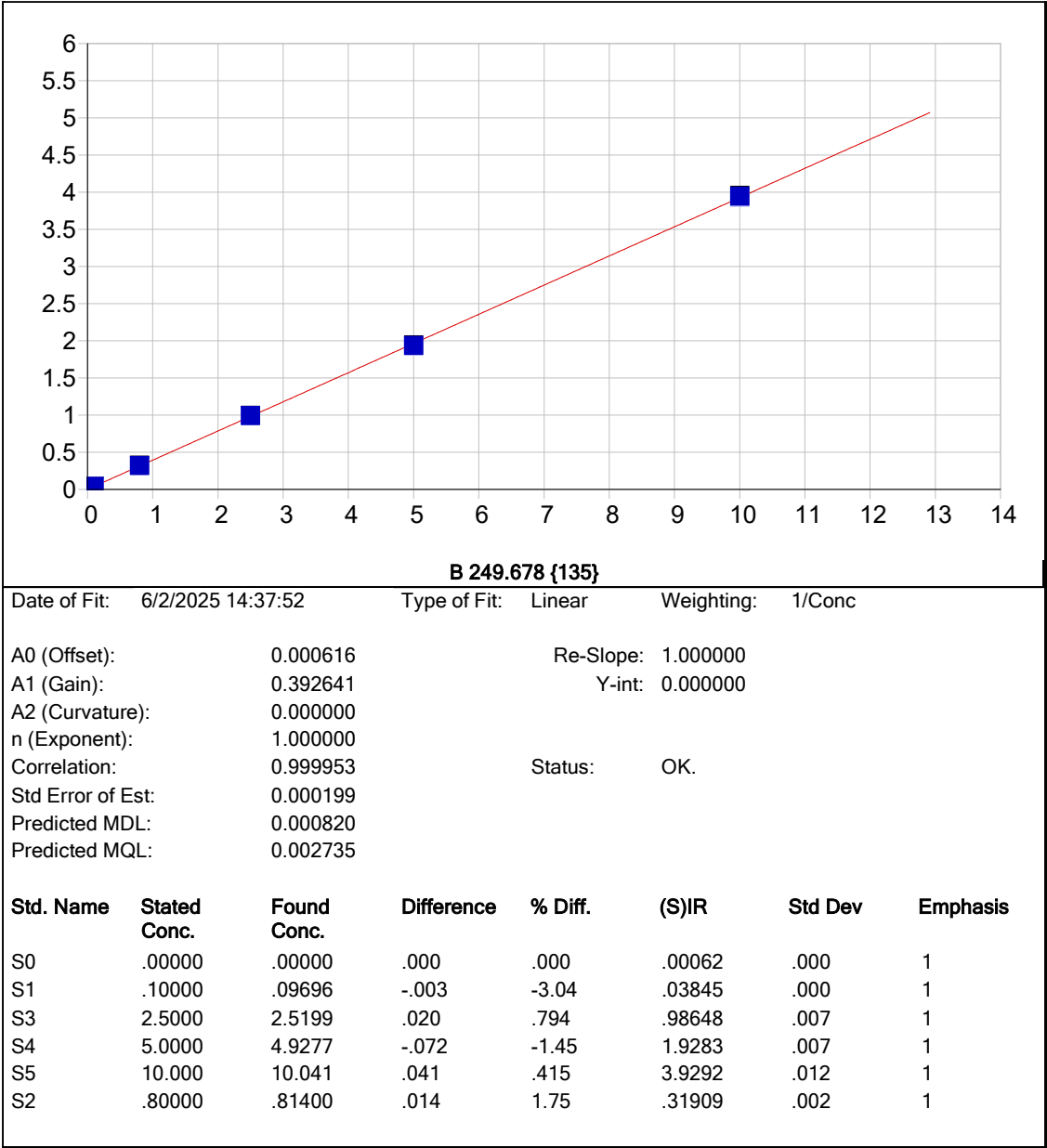






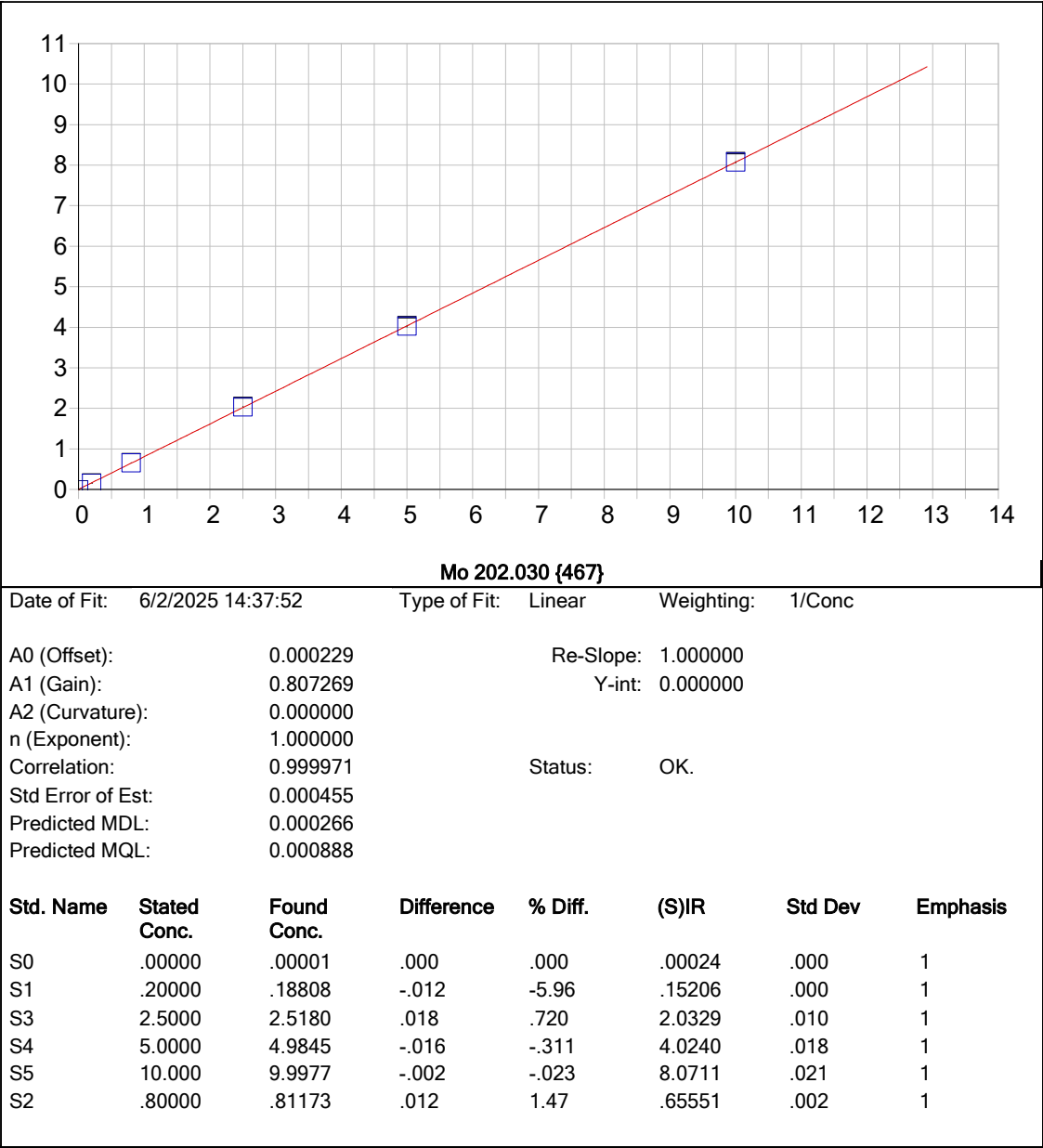


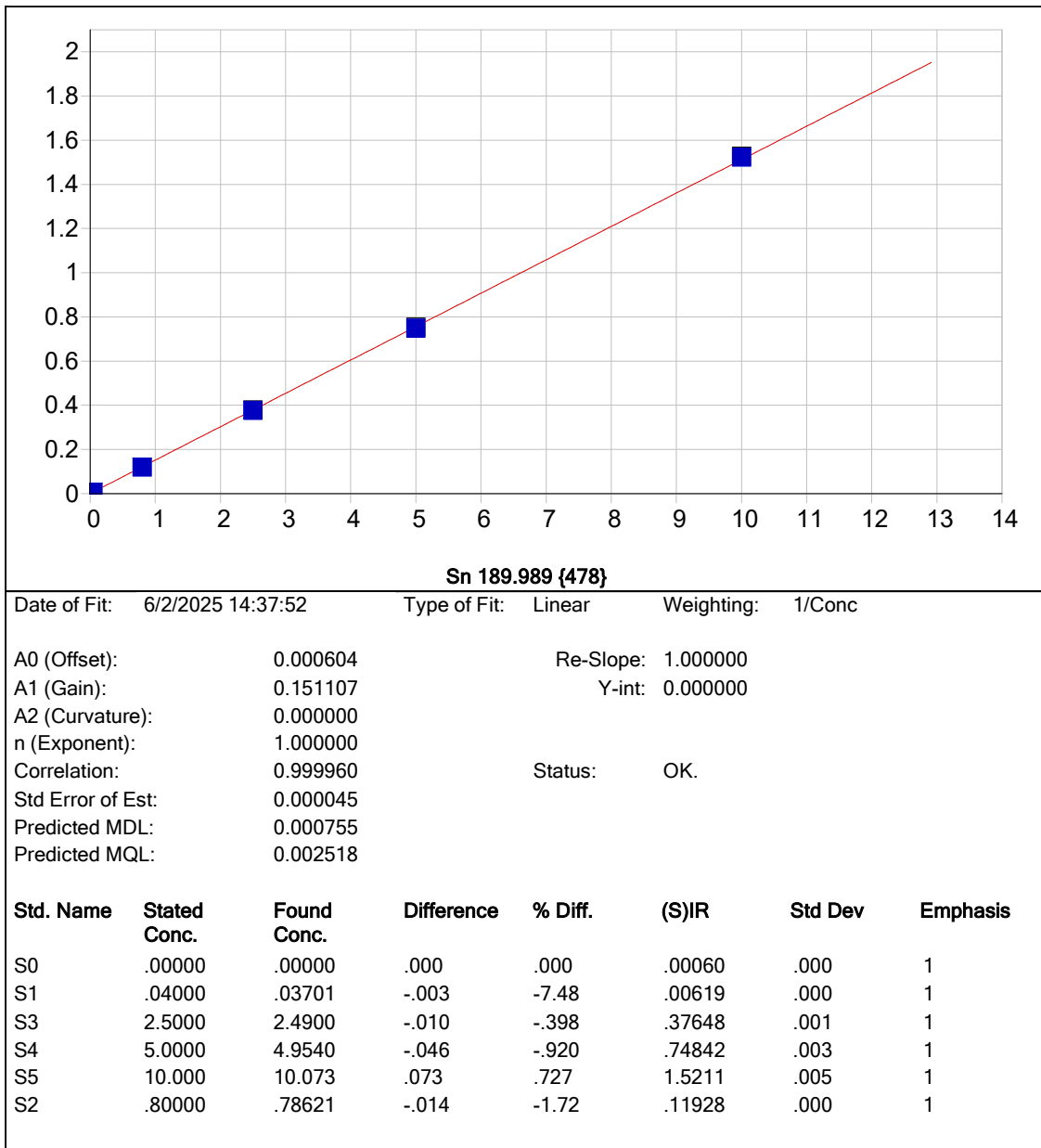


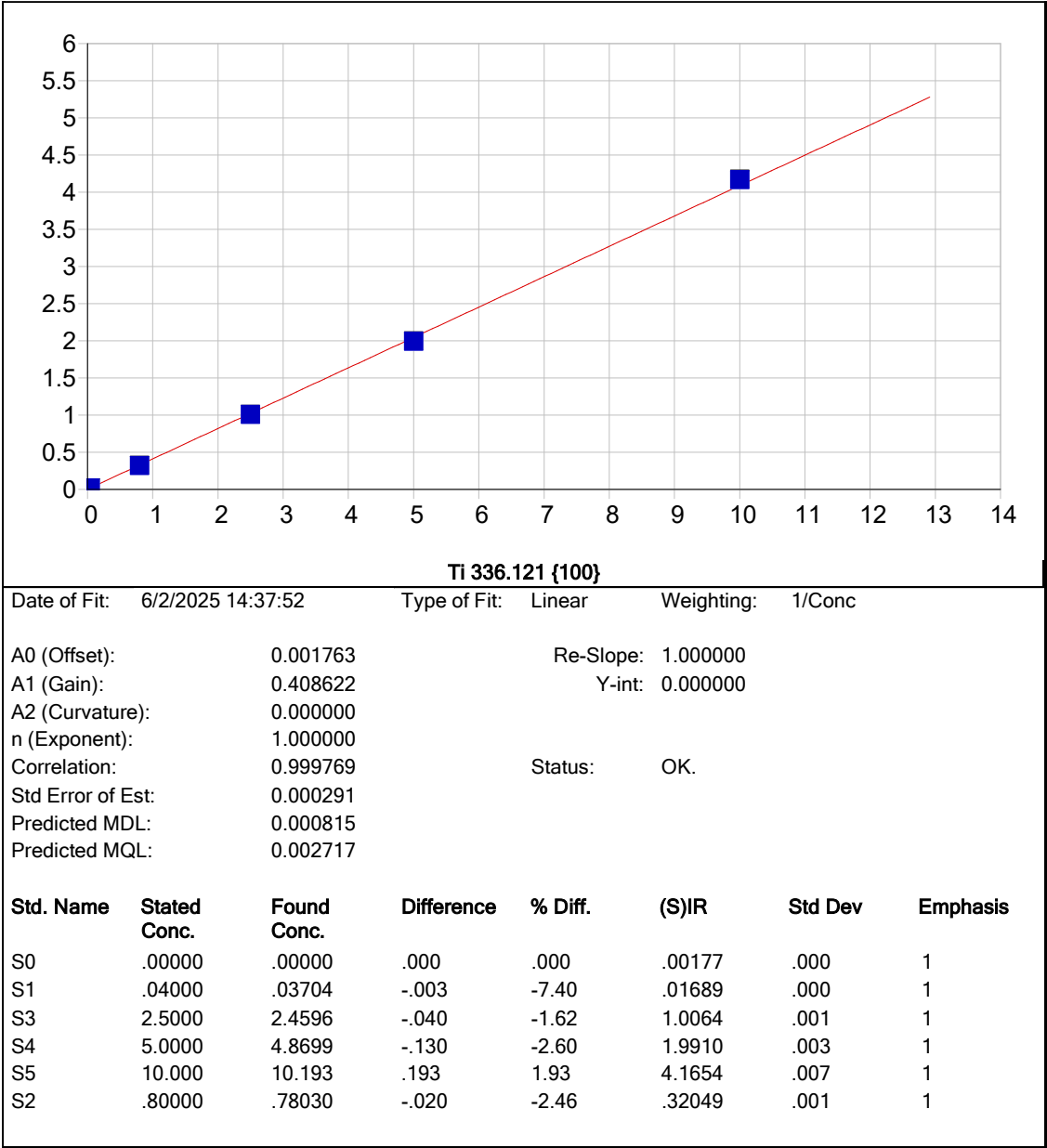


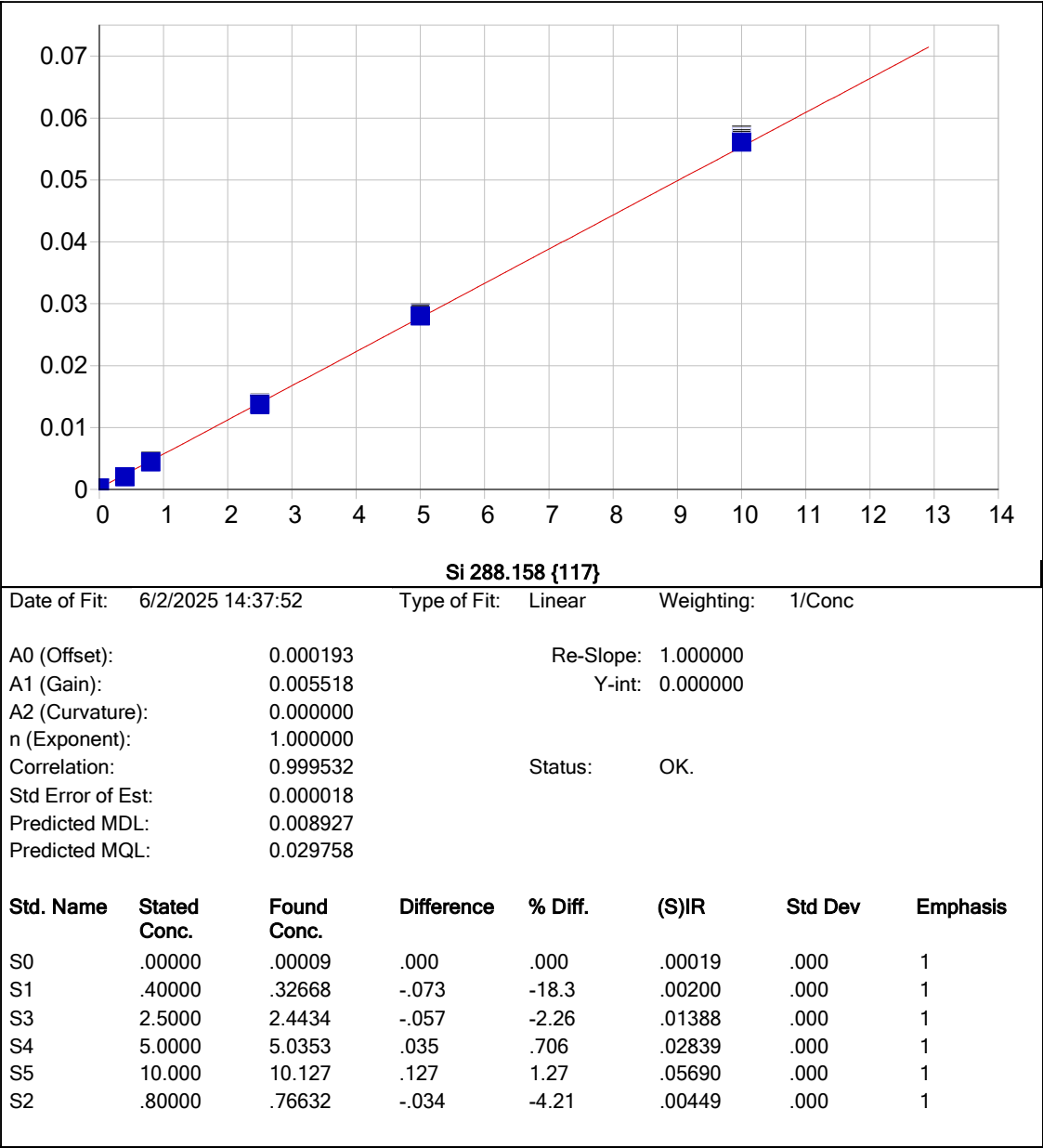
Date of Fit: 6/2/2025 14:37:52 Type of Fit: Linear Weighting: 1/Conc

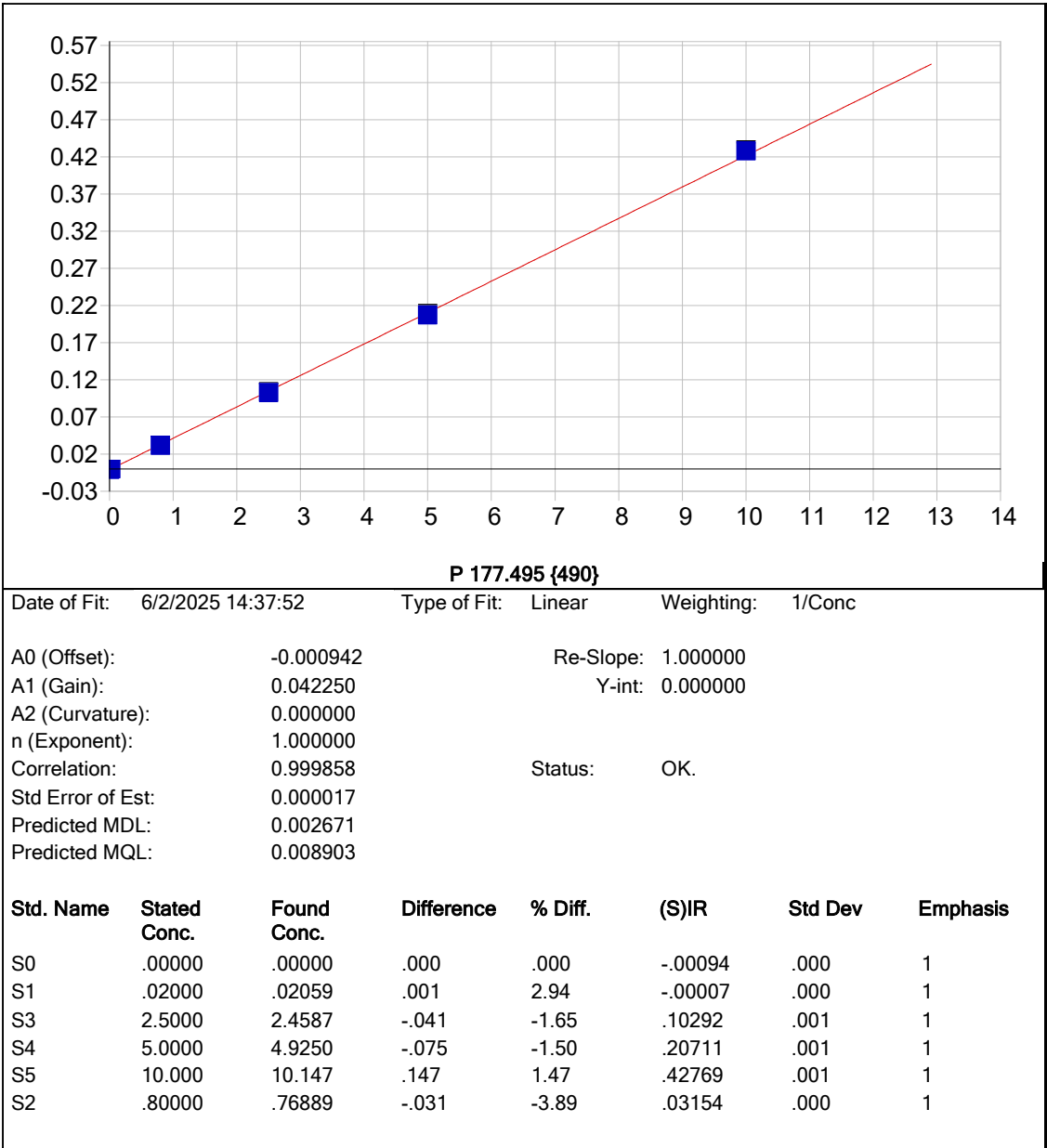
A0 (Offset): 0.000616 Re-Slope: 1.000000
A1 (Gain): 0.392641 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999953 Status: OK.
Std Error of Est: 0.000199
Predicted MDL: 0.000820
Predicted MQL: 0.002735





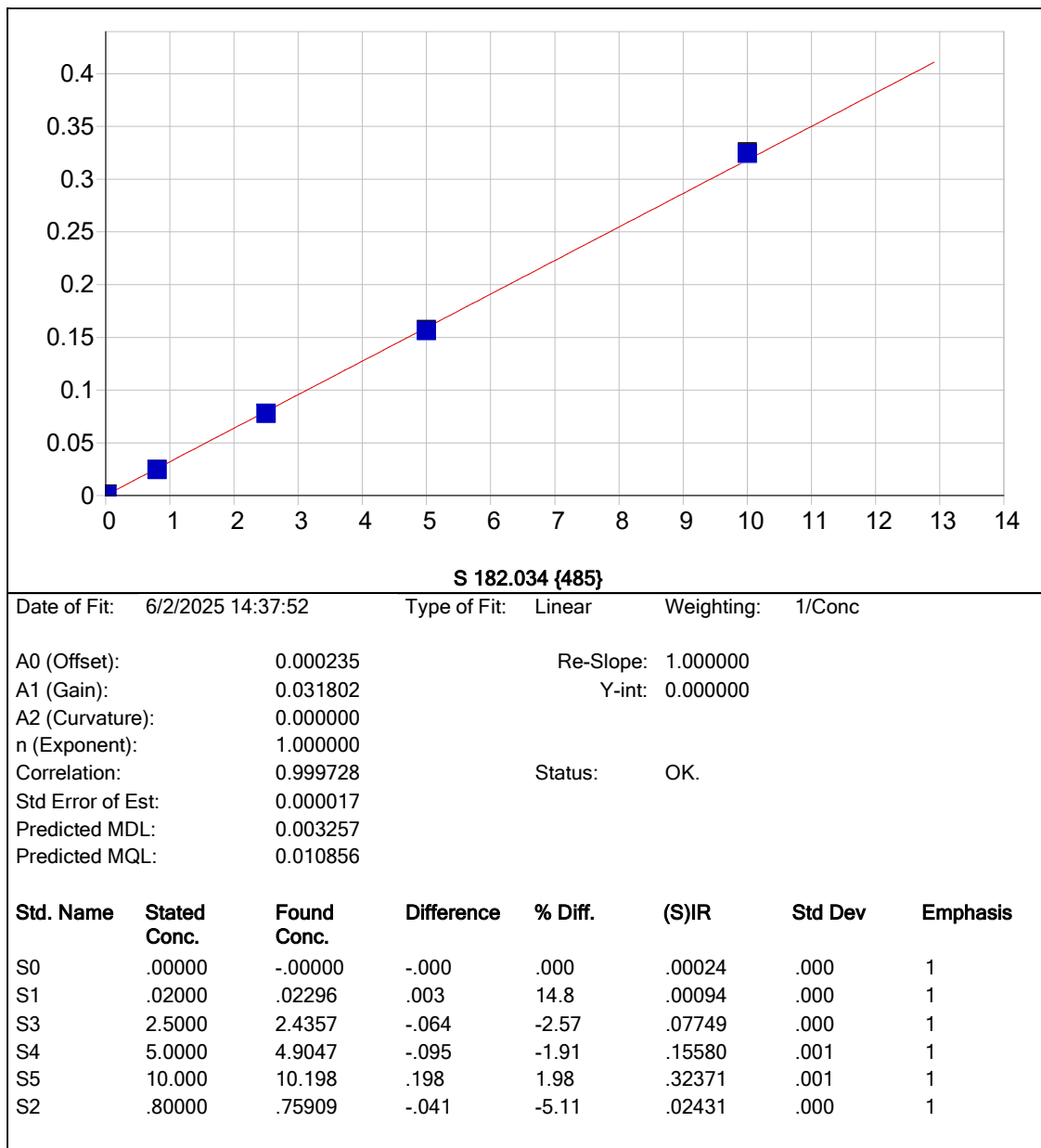


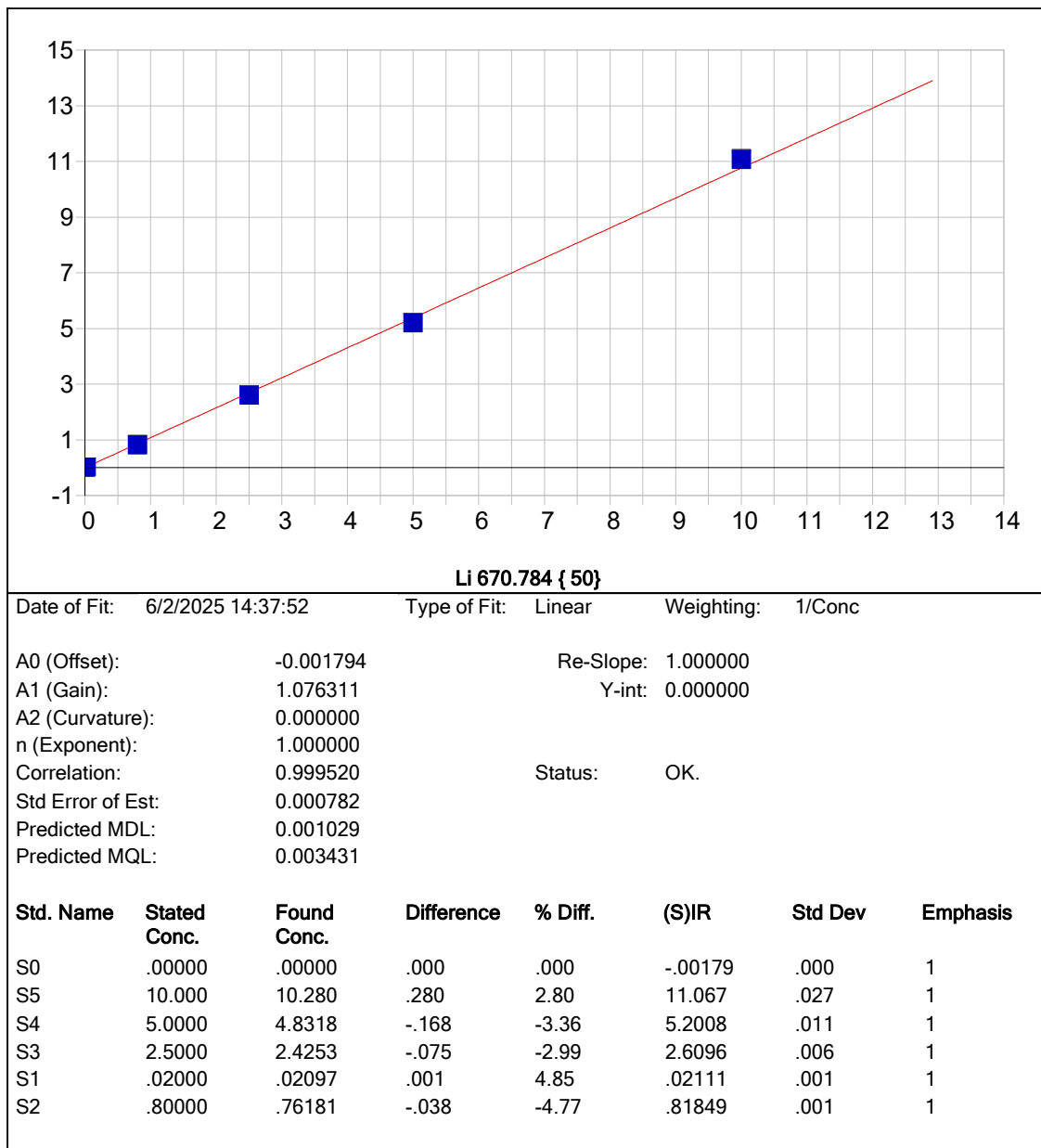


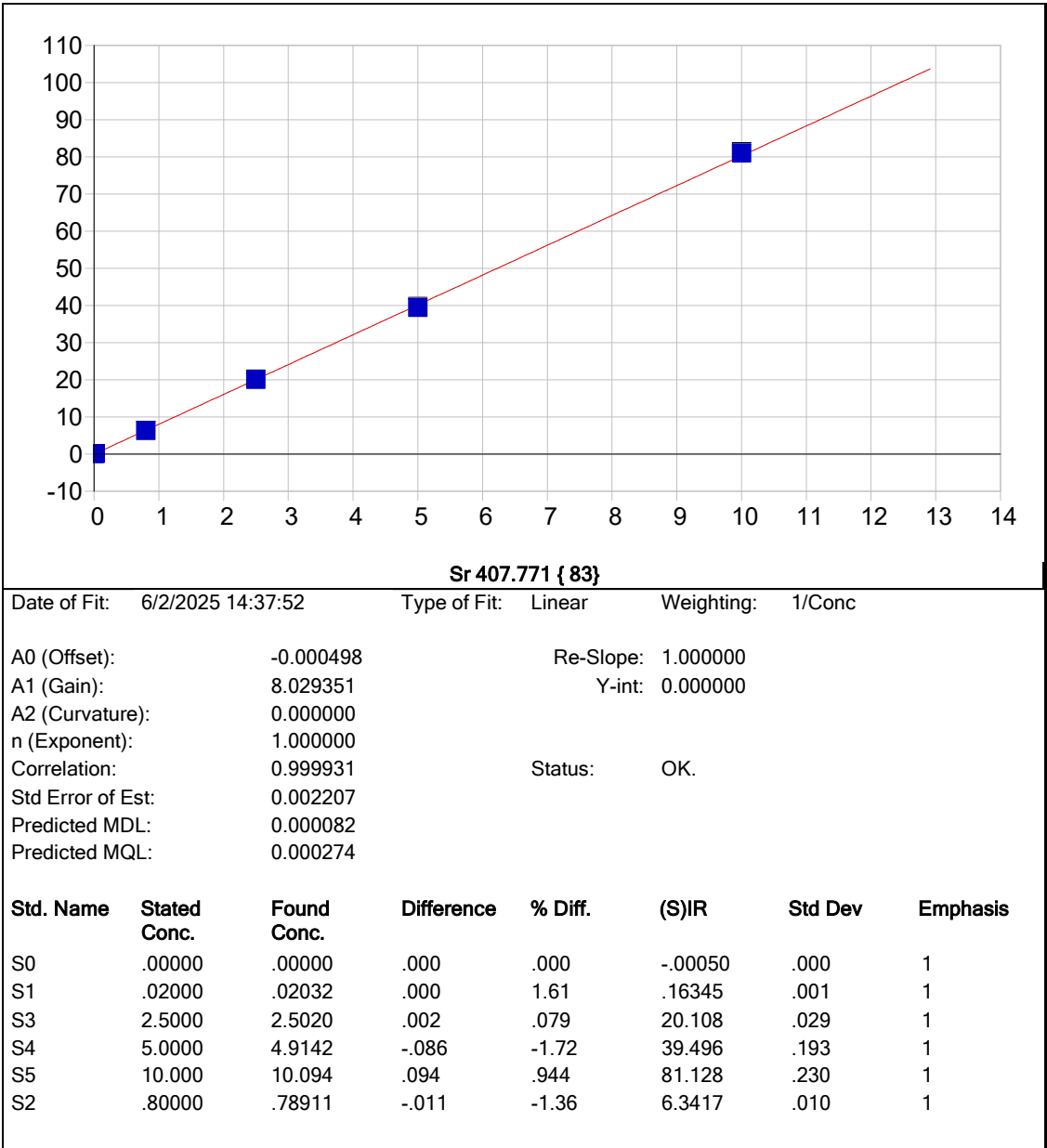


Date of Fit: 6/2/2025 14:37:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000942 Re-Slope: 1.000000
A1 (Gain): 0.042250 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999858 Status: OK.
Std Error of Est: 0.000017
Predicted MDL: 0.002671
Predicted MQL: 0.008903

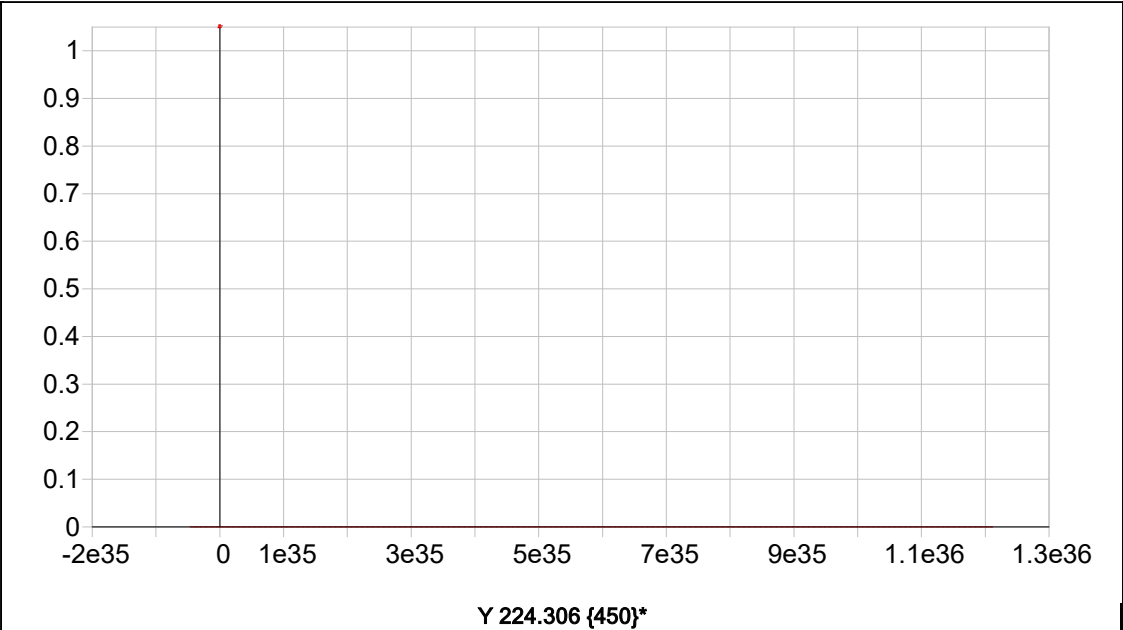






Date of Fit: 6/2/2025 14:37:52 Type of Fit: Linear Weighting: 1/Conc

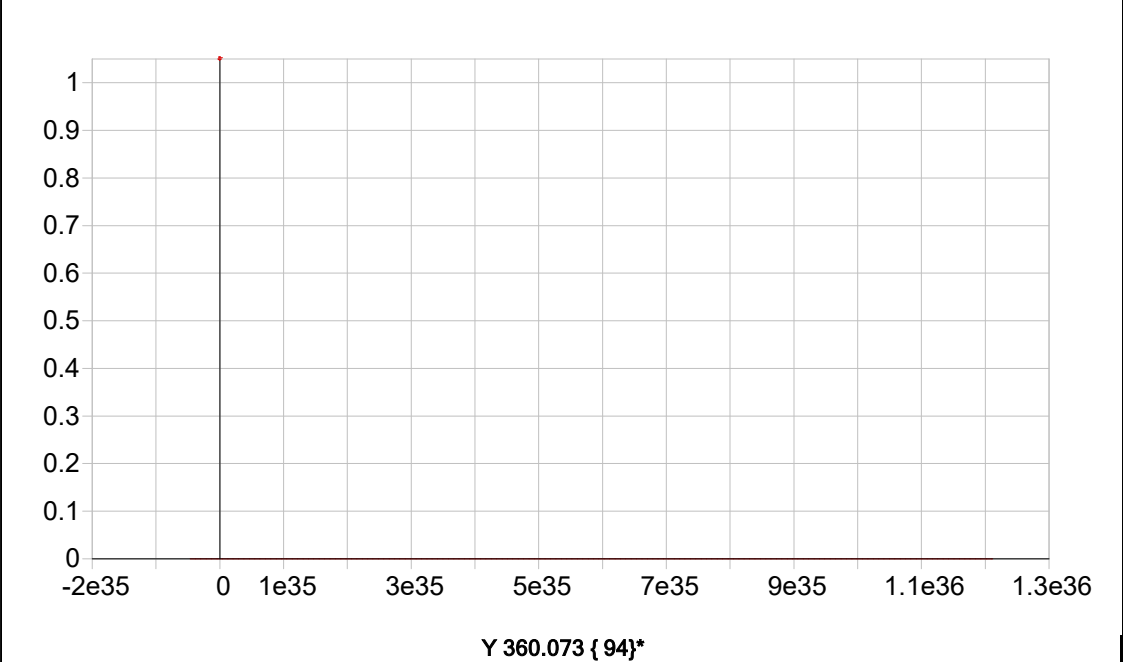
A0 (Offset): -0.000498 Re-Slope: 1.000000
A1 (Gain): 8.029351 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999931 Status: OK.
Std Error of Est: 0.002207
Predicted MDL: 0.000082
Predicted MQL: 0.000274



Date of Fit: 6/2/2025 14:37:52 Type of Fit: Linear Weighting: 1/Conc

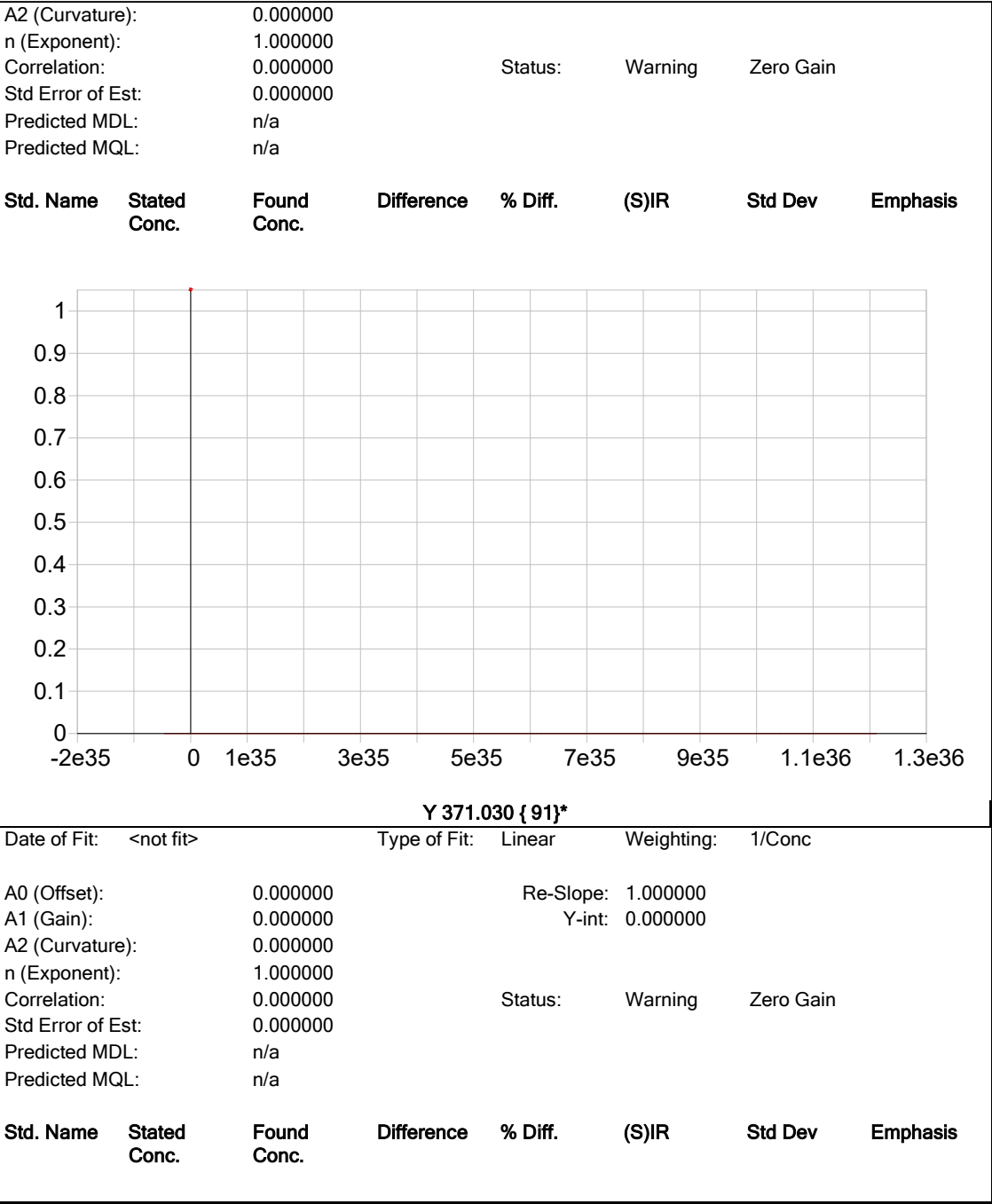
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

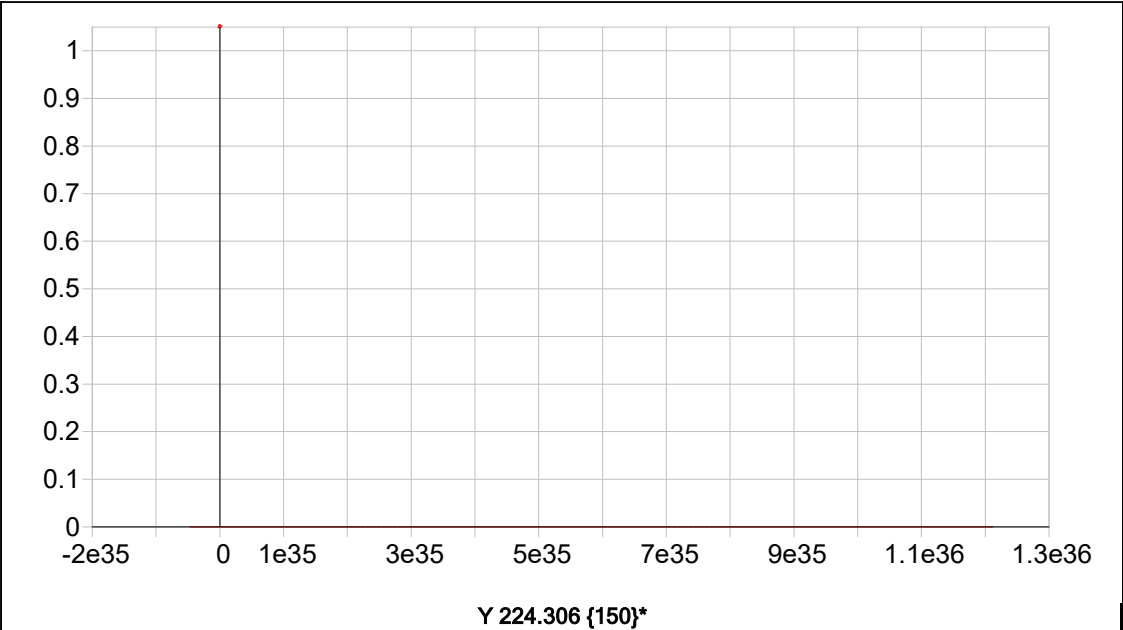
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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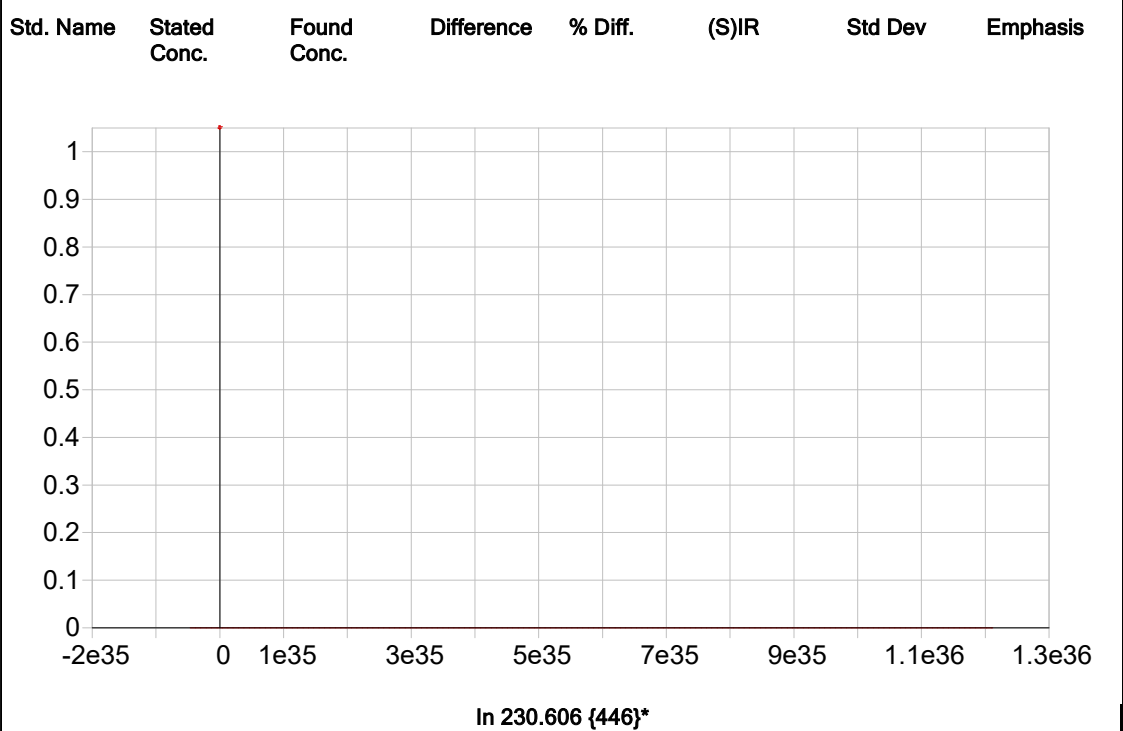
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000





Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				



Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		

A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 5/30/2025 14:16:43 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00012	.00038	.00006	.00028	.00017	-.00013	.04262	-.00037
Stddev	.00006	.00003	.00007	.00006	.00020	.00054	.00121	.00008
%RSD	45.918	8.8427	117.09	19.854	117.18	405.43	2.8288	20.858

#1	-.00013	.00034	.00012	.00028	-.00006	.00004	.04345	-.00041
#2	-.00006	.00039	-.00001	.00033	.00025	-.00073	.04124	-.00042
#3	-.00017	.00040	.00006	.00022	.00032	.00030	.04317	-.00028

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00011	.00033	.00009	.00003	-.00070	.00003	.00021	-.00010
Stddev	.00004	.00064	.00004	.00018	.00029	.00001	.00006	.00014
%RSD	34.172	190.74	44.710	670.62	41.074	31.614	28.339	141.41

#1	.00007	.00032	.00010	-.00008	-.00038	.00004	.00023	.00001
#2	.00012	.00098	.00012	-.00008	-.00080	.00003	.00026	-.00025
#3	.00014	-.00029	.00004	.00024	-.00093	.00002	.00014	-.00004

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00042	-.00053	.00126	.00012	.00319	.00013	.00062	.00024
Stddev	.00014	.00005	.00010	.00019	.00170	.00018	.00019	.00019
%RSD	33.295	9.5787	7.8411	159.97	53.281	135.85	31.294	79.368

#1	-.00035	-.00048	.00138	.00025	.00477	.00025	.00056	.00035
#2	-.00033	-.00053	.00120	.00021	.00139	.00022	.00083	.00034
#3	-.00058	-.00058	.00122	-.00010	.00341	-.00007	.00046	.00002

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00060	.00177	.00019	-.00094	.00024	-.00179	-.00050
Stddev	.00007	.00026	.00004	.00011	.00003	.00038	.00040
%RSD	11.426	14.484	19.937	11.456	12.420	21.295	81.262

#1	.00053	.00171	.00024	-.00093	.00023	-.00199	-.00005
#2	.00066	.00154	.00017	-.00084	.00021	-.00135	-.00083
#3	.00062	.00205	.00017	-.00106	.00027	-.00204	-.00061

Sample Name: S0 Acquired: 5/30/2025 14:16:43 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.1	61695.	11813.	2201.6	4063.5
Stddev	9.4	507.	45.	28.9	9.9
%RSD	.32257	.82251	.38228	1.3132	.24284
#1	2920.4	61337.	11766.	2180.1	4071.8
#2	2902.5	61471.	11856.	2190.2	4052.6
#3	2916.4	62275.	11815.	2234.5	4066.0

Sample Name: S1 Acquired: 5/30/2025 14:21:06 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00126	.00157	.00187	.00149	.00580	.00853	.26508	.02863
Stddev	.00007	.00006	.00017	.00004	.00036	.00035	.00172	.00035
%RSD	5.5565	4.0064	8.9925	2.9040	6.2743	4.1076	.64906	1.2320

#1	.00132	.00155	.00207	.00151	.00538	.00892	.26400	.02831
#2	.00118	.00151	.00178	.00152	.00599	.00843	.26706	.02856
#3	.00126	.00164	.00177	.00144	.00603	.00825	.26416	.02901

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01578	.11057	.00180	.02911	.01549	.00058	.00854	.02136
Stddev	.00021	.00009	.00002	.00024	.00019	.00003	.00017	.00017
%RSD	1.3134	.08325	1.2206	.82836	1.2287	5.3445	1.9793	.77855

#1	.01601	.11067	.00177	.02888	.01568	.00054	.00865	.02118
#2	.01562	.11051	.00181	.02909	.01530	.00060	.00861	.02151
#3	.01571	.11053	.00182	.02936	.01549	.00059	.00834	.02140

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02231	.00209	.02298	.00480	.15381	.01471	.03845	.15206
Stddev	.00023	.00001	.00005	.00005	.00244	.00012	.00036	.00032
%RSD	1.0087	.43952	.22908	.98344	1.5875	.83124	.92741	.20881

#1	.02233	.00210	.02292	.00485	.15639	.01458	.03820	.15185
#2	.02207	.00209	.02301	.00477	.15154	.01473	.03830	.15191
#3	.02252	.00209	.02300	.00478	.15350	.01482	.03886	.15243

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00619	.01689	.00200	-.00007	.00094	.02111	.16345
Stddev	.00011	.00038	.00002	.00003	.00011	.00112	.00134
%RSD	1.7144	2.2749	1.2467	47.586	11.334	5.3148	.81954

#1	.00607	.01686	.00202	-.00006	.00098	.02240	.16499
#2	.00628	.01728	.00198	-.00011	.00102	.02052	.16277
#3	.00621	.01652	.00200	-.00005	.00082	.02041	.16258

Sample Name: S1 Acquired: 5/30/2025 14:21:06 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2911.0	61849.	11533.	2166.5	4027.0
Stddev	9.8	86.	15.	13.3	8.2
%RSD	.33619	.13850	.13314	.61534	.20433
#1	2904.3	61760.	11533.	2151.1	4029.6
#2	2906.5	61856.	11517.	2175.0	4017.7
#3	2922.2	61931.	11548.	2173.3	4033.5

Sample Name: S2 Acquired: 5/30/2025 14:25:24 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05222	.02873	.13376	.04443	.09029	.12655	3.6770	.19679
Stddev	.00007	.00019	.00052	.00016	.00037	.00010	.0056	.00100
%RSD	.13913	.66326	.39128	.35214	.41436	.08185	.15102	.50638

#1	.05228	.02860	.13435	.04436	.08987	.12647	3.6773	.19574
#2	.05213	.02895	.13353	.04432	.09039	.12651	3.6713	.19692
#3	.05223	.02865	.13338	.04461	.09060	.12666	3.6823	.19772

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0225	.22347	.02827	.38880	.15501	.00441	.16285	.04249
Stddev	.0020	.00050	.00006	.00018	.00049	.00003	.00122	.00031
%RSD	.19139	.22258	.22812	.04733	.31426	.69576	.74626	.73819

#1	1.0247	.22305	.02821	.38896	.15450	.00441	.16172	.04213
#2	1.0214	.22402	.02834	.38860	.15505	.00444	.16270	.04260
#3	1.0213	.22335	.02827	.38883	.15548	.00438	.16413	.04273

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.22527	.05844	.04536	.05227	1.7006	.03078	.31909	.65551
Stddev	.00045	.00012	.00021	.00018	.0154	.00017	.00231	.00173
%RSD	.19935	.20657	.47354	.34734	.90277	.56378	.72451	.26364

#1	.22560	.05836	.04535	.05208	1.6941	.03089	.31680	.65421
#2	.22476	.05838	.04558	.05228	1.7181	.03088	.31906	.65486
#3	.22545	.05858	.04515	.05245	1.6895	.03058	.32142	.65747

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11928	.32049	.00449	.03154	.02431	.81849	6.3417
Stddev	.00045	.00061	.00005	.00008	.00007	.00135	.0097
%RSD	.37442	.19125	1.0845	.24409	.29852	.16543	.15228

#1	.11919	.31997	.00448	.03159	.02427	.81693	6.3383
#2	.11889	.32035	.00454	.03157	.02427	.81931	6.3343
#3	.11977	.32117	.00444	.03145	.02439	.81924	6.3526

Sample Name: S2 Acquired: 5/30/2025 14:25:24 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2899.3	60893.	11310.	2141.3	4012.4
Stddev	15.2	110.	60.	4.1	14.1
%RSD	.52548	.18072	.52858	.19305	.35177
#1	2904.8	61005.	11367.	2141.1	4012.6
#2	2911.0	60785.	11316.	2145.4	4026.4
#3	2882.1	60890.	11248.	2137.2	3998.1

Sample Name: S3 Acquired: 5/30/2025 14:29:27 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16270	.08949	.41918	.13688	.28391	.39671	11.656	.60312
Stddev	.00098	.00123	.00063	.00093	.00203	.00040	.011	.00423
%RSD	.60167	1.3799	.14946	.67971	.71609	.10066	.09816	.70152

#1	.16164	.08809	.41870	.13583	.28223	.39716	11.654	.59861
#2	.16287	.09041	.41894	.13720	.28333	.39651	11.645	.60378
#3	.16358	.08998	.41989	.13761	.28617	.39644	11.668	.60699

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1936	.69710	.08757	1.2131	.47929	.01396	.50711	.13343
Stddev	.0104	.00251	.00003	.0034	.00122	.00008	.00057	.00057
%RSD	.32713	.36035	.03723	.27801	.25460	.60793	.11232	.42395

#1	3.1869	.69940	.08755	1.2109	.47788	.01405	.50777	.13380
#2	3.1882	.69748	.08756	1.2115	.48006	.01394	.50681	.13370
#3	3.2056	.69442	.08761	1.2170	.47992	.01388	.50676	.13278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.70345	.18075	.14349	.16361	5.0160	.09738	.98648	2.0329
Stddev	.00215	.00012	.00072	.00106	.0250	.00042	.00673	.0097
%RSD	.30630	.06792	.50416	.64648	.49807	.43486	.68223	.47837

#1	.70166	.18078	.14432	.16330	4.9881	.09768	.97878	2.0235
#2	.70284	.18086	.14315	.16479	5.0363	.09690	.98937	2.0324
#3	.70584	.18062	.14300	.16275	5.0236	.09757	.99127	2.0429

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.37648	1.0064	.01388	.10292	.07749	2.6096	20.108	
Stddev	.00121	.0011	.00005	.00057	.00035	.0062	.029	
%RSD	.32165	.10824	.39137	.55673	.45547	.23861	.14324	

#1	.37509	1.0056	.01391	.10247	.07715	2.6094	20.089	
#2	.37710	1.0077	.01392	.10273	.07746	2.6035	20.094	
#3	.37726	1.0061	.01382	.10357	.07785	2.6160	20.141	

Sample Name: S3 Acquired: 5/30/2025 14:29:27 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.0	60879.	11384.	2115.2	3927.8
Stddev	7.3	314.	12.	19.1	8.9
%RSD	.25468	.51571	.10193	.90076	.22576
#1	2889.9	60555.	11380.	2093.2	3933.2
#2	2883.8	60901.	11374.	2124.8	3932.6
#3	2875.3	61182.	11397.	2127.5	3917.5

Sample Name: S4 Acquired: 5/30/2025 14:33:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32627	.17772	.83355	.27278	.56109	.79316	23.198	1.1818
Stddev	.00241	.00343	.00207	.00179	.00380	.00009	.167	.0028
%RSD	.73957	1.9273	.24831	.65793	.67639	.01093	.71789	.23816

#1	.32524	.17494	.83406	.27118	.55797	.79307	23.245	1.1806
#2	.32454	.17667	.83128	.27246	.55998	.79318	23.337	1.1797
#3	.32903	.18154	.83532	.27472	.56532	.79324	23.013	1.1850

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3692	1.3798	.17323	2.4199	.94565	.02797	.99808	.26622
Stddev	.0182	.0007	.00021	.0059	.00401	.00011	.00364	.00121
%RSD	.28594	.05074	.12139	.24184	.42359	.39393	.36449	.45395

#1	6.3756	1.3790	.17334	2.4203	.94323	.02799	.99451	.26503
#2	6.3486	1.3802	.17336	2.4138	.94345	.02808	1.0018	.26745
#3	6.3833	1.3803	.17298	2.4255	.95028	.02786	.99797	.26619

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3943	.35926	.29981	.32800	9.9242	.20140	1.9283	4.0240
Stddev	.0033	.00035	.00177	.00055	.0508	.00100	.0072	.0182
%RSD	.23751	.09816	.59148	.16822	.51225	.49601	.37429	.45248

#1	1.3933	.35899	.29960	.32771	9.9475	.20103	1.9274	4.0154
#2	1.3916	.35966	.30168	.32864	9.8659	.20253	1.9216	4.0117
#3	1.3979	.35913	.29815	.32766	9.9592	.20064	1.9360	4.0449

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.74842	1.9910	.02839	.20711	.15580	5.2008	39.496	
Stddev	.00345	.0032	.00009	.00143	.00113	.0107	.193	
%RSD	.46141	.16248	.33379	.68934	.72650	.20560	.48897	

#1	.74827	1.9902	.02835	.20615	.15517	5.1988	39.712	
#2	.74504	1.9945	.02850	.20642	.15512	5.2124	39.341	
#3	.75194	1.9882	.02832	.20875	.15711	5.1913	39.433	

Sample Name: S4 Acquired: 5/30/2025 14:33:33 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.7	59416.	11383.	2063.4	3803.4
Stddev	17.0	103.	33.	6.4	18.0
%RSD	.60017	.17338	.28662	.30778	.47322
#1	2831.7	59514.	11417.	2068.2	3807.2
#2	2838.9	59309.	11379.	2056.2	3819.2
#3	2806.6	59424.	11352.	2065.7	3783.8

Sample Name: S5 Acquired: 5/30/2025 14:37:45 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.65862	.35694	1.6893	.54626	1.1333	1.6569	48.230	2.3717
Stddev	.00193	.00259	.0062	.00294	.0047	.0045	.282	.0051
%RSD	.29233	.72453	.36654	.53795	.41668	.26966	.58368	.21603

#1	.65683	.35698	1.6858	.54410	1.1289	1.6608	48.178	2.3677
#2	.65837	.35434	1.6856	.54508	1.1326	1.6520	47.977	2.3775
#3	.66066	.35951	1.6964	.54961	1.1383	1.6578	48.533	2.3700

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.962	2.8689	.34130	4.9484	1.8789	.05526	2.0727	.55959
Stddev	.032	.0047	.00059	.0170	.0055	.00026	.0016	.00099
%RSD	.24818	.16290	.17221	.34413	.29353	.46320	.07709	.17694

#1	12.933	2.8718	.34196	4.9365	1.8744	.05546	2.0745	.56042
#2	12.956	2.8636	.34085	4.9407	1.8772	.05497	2.0714	.55849
#3	12.996	2.8715	.34109	4.9679	1.8850	.05535	2.0723	.55985

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8234	.70625	.61163	.68516	17.063	.39530	3.9292	8.0711
Stddev	.0094	.00184	.00338	.00231	.046	.00236	.0121	.0211
%RSD	.33386	.26060	.55227	.33665	.26960	.59670	.30909	.26099

#1	2.8155	.70773	.61526	.68783	17.021	.39740	3.9304	8.0513
#2	2.8209	.70683	.60859	.68390	17.112	.39275	3.9407	8.0686
#3	2.8339	.70419	.61104	.68377	17.055	.39575	3.9165	8.0933

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5211	4.1654	.05690	.42769	.32371	11.067	81.128
Stddev	.0048	.0066	.00027	.00147	.00140	.027	.230
%RSD	.31628	.15851	.47694	.34482	.43126	.24465	.28382

#1	1.5181	4.1725	.05696	.42652	.32288	11.098	81.246
#2	1.5186	4.1594	.05661	.42721	.32293	11.048	81.276
#3	1.5267	4.1645	.05714	.42935	.32532	11.055	80.863

Sample Name: S5 Acquired: 5/30/2025 14:37:45 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.7	60922.	11070.	2075.8	3643.6
Stddev	8.2	151.	28.	6.3	13.1
%RSD	.29577	.24800	.24952	.30206	.36024
#1	2774.4	60903.	11099.	2076.0	3650.6
#2	2774.5	61081.	11066.	2082.0	3651.7
#3	2760.3	60781.	11044.	2069.5	3628.4

Sample Name: ICV01 Acquired: 5/30/2025 15:13:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.031732	1.088597	1.007592	1.075281	1.023607	2.452131
Stddev	.005220	.006949	.003068	.004983	.005328	.009724
%RSD	.5059219	.6383407	.3045135	.4634313	.5205381	.3965394

#1	1.025766	1.083867	1.006254	1.070399	1.017785	2.449759
#2	1.033972	1.085348	1.005420	1.075084	1.024795	2.443813
#3	1.035458	1.096575	1.011102	1.080360	1.028241	2.462821

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901772	.4951007	.5183228	9.853692	.5391266	.5196601
Stddev	.0012685	.0030962	.0013000	.052827	.0022535	.0009921
%RSD	.2587888	.6253738	.2507992	.5361130	.4179822	.1909095

#1	.4905933	.4925549	.5194272	9.808395	.5374416	.5203551
#2	.4887529	.4941997	.5168902	9.840959	.5382520	.5185240
#3	.4911854	.4985475	.5186510	9.911721	.5416863	.5201013

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5347780	10.48881	.5035119	5.758451	.5242800	.2591482
Stddev	.0020872	.02124	.0031142	.062974	.0013764	.0014097
%RSD	.3902958	.2025112	.6184909	1.093593	.2625371	.5439742

#1	.5333990	10.47286	.5041402	5.708330	.5250608	.2579017
#2	.5337556	10.51292	.5001315	5.737887	.5226907	.2588647
#3	.5371793	10.48065	.5062640	5.829136	.5250885	.2606780

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.754165	.4844740	1.002867	10.09216	2.292238	2.517511
Stddev	.024097	.0026537	.001287	.02187	.014240	.006540
%RSD	.2470456	.5477589	.1283543	.2166930	.6212296	.2597910

#1	9.780248	.4840291	1.001863	10.11356	2.281244	2.511995
#2	9.732732	.4820709	1.002418	10.06985	2.287147	2.515802
#3	9.749515	.4873221	1.004318	10.09308	2.308324	2.524736

Sample Name: ICV01 Acquired: 5/30/2025 15:13:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.458536	2.343344	F 2.208133	F .0090891	F .0097543	2.462197
Stddev	.007741	.016523	.009260	.0019157	.0031765	.010649
%RSD	.3148430	.7050943	.4193811	21.07679	32.56490	.4325038

#1	2.462526	2.337145	2.207130	.0092201	.0133141	2.469733
#2	2.449614	2.330817	2.199416	.0071113	.0087398	2.450014
#3	2.463466	2.362070	2.217855	.0109359	.0072090	2.466843

Elem	Sr4077
Units	ppm
Avg	2.385075
Stddev	.010910
%RSD	.4574318

#1	2.393454
#2	2.389032
#3	2.372738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.899	60978.44	12234.98	2108.428	3967.740
Stddev	24.504	80.90	60.67	7.808	28.474
%RSD	.8502745	.1326679	.4958692	.3703348	.7176316

#1	2904.180	61070.98	12276.19	2113.771	3990.170
#2	2885.861	60921.10	12263.44	2099.467	3977.344
#3	2855.655	60943.25	12165.31	2112.047	3935.706

Sample Name: LLICV01 Acquired: 5/30/2025 15:21:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205095	.0332178	.0112999	.0212166	.0499982	.0982228	.0913392
Stddev	.0004099	.0038938	.0020556	.0044281	.0015615	.0039178	.0005970
%RSD	1.998572	11.72193	18.19105	20.87105	3.123089	3.988705	.6535693

#1	.0204475	.0294075	.0091051	.0237841	.0509117	.1025043	.0920246
#2	.0201342	.0371899	.0131799	.0237623	.0481952	.0948168	.0909330
#3	.0209469	.0330559	.0116148	.0161034	.0508877	.0973474	.0910600

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058890	.0060799	1.908921	.0102081	.0293149	.0214542	.1042007
Stddev	.0000796	.0000769	.002129	.0004198	.0001510	.0005182	.0039872
%RSD	1.351337	1.265564	.1115088	4.112929	.5151795	2.415212	3.826491

#1	.0059296	.0060425	1.907292	.0097270	.0294000	.0210919	.1040507
#2	.0059401	.0060288	1.911330	.0103972	.0291406	.0212230	.1002906
#3	.0057973	.0061684	1.908142	.0105003	.0294043	.0220477	.1082608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199189	1.918951	.0399641	.0101327	1.831041	.0369028	.0404910
Stddev	.0000649	.013993	.0002098	.0005370	.025589	.0004765	.0007656
%RSD	.3257177	.7291963	.5248864	5.299492	1.397512	1.291292	1.890913

#1	.0199763	1.931350	.0402064	.0102966	1.848611	.0365523	.0396117
#2	.0199320	1.921722	.0398449	.0095329	1.801682	.0374454	.0410106
#3	.0198485	1.903779	.0398412	.0105686	1.842829	.0367106	.0408506

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.917583	.0972951	.1904930	.0364349	.0368043	.3404015	.0187217
Stddev	.023379	.0011524	.0005107	.0005104	.0002325	.0009275	.0018735
%RSD	1.219166	1.184405	.2681002	1.400871	.6316145	.2724587	10.00734

#1	1.904544	.0975081	.1899036	.0367727	.0369317	.3398742	.0208292
#2	1.903632	.0983261	.1907690	.0366843	.0369452	.3414724	.0172450
#3	1.944573	.0960511	.1908062	.0358478	.0365360	.3398580	.0180907

Sample Name: LLICV01 Acquired: 5/30/2025 15:21:57 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0229365	.0211974	.0198663
Stddev	.0034138	.0008155	.0001405
%RSD	14.88354	3.847111	.7071006
#1	.0207058	.0216274	.0200270
#2	.0212372	.0217079	.0198053
#3	.0268664	.0202569	.0197667

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.207	61379.84	12183.42	2124.466	4128.873
Stddev	5.878	557.21	86.48	29.265	7.224
%RSD	.2001244	.9077985	.7098555	1.377502	.1749545
#1	2937.072	61860.26	12175.43	2148.491	4128.892
#2	2943.152	61510.26	12101.20	2133.032	4136.087
#3	2931.398	60768.99	12273.62	2091.874	4121.640

Sample Name: ICB01 Acquired: 5/30/2025 15:26:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001224	-.004306	.0004841	-.001446	.0002801	.0062722	-.000997
Stddev	.002303	.003340	.0010119	.003181	.0009562	.0064606	.000454
%RSD	188.2334	77.55337	209.0341	220.0566	341.3739	103.0044	45.54656

#1	.000935	-.002554	.0006332	.002188	.0011070	.0126856	-.001223
#2	-.003648	-.008157	.0014132	-.003730	.0005005	.0063654	-.000475
#3	-.000958	-.002207	-.000594	-.002795	-.000767	-.000235	-.001295

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000217	-.000043	.0087867	.0002381	.0001862	.0002063	.0023126
Stddev	.0000609	.000066	.0075219	.0004175	.0000865	.0000855	.0047152
%RSD	280.9711	153.5073	85.60497	175.3702	46.44059	41.43004	203.8871

#1	.0000363	-.000058	.0087010	.0005695	.0002324	.0003033	.0034726
#2	.0000740	.000029	.0013081	.0003755	.0000864	.0001736	.0063396
#3	-.000045	-.000101	.0163510	-.000231	.0002397	.0001420	-.002874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002687	-.015923	.0002325	.0004932	-.031375	-.000748	.0006974
Stddev	.0003394	.005870	.0003313	.0000571	.005680	.001019	.0000659
%RSD	126.3198	36.86447	142.4653	11.57421	18.10458	136.1487	9.452988

#1	-.000061	-.021946	.0005089	.0004541	-.030729	-.000582	.0006246
#2	.000617	-.010219	.0003235	.0004667	-.037351	.000177	.0007530
#3	.000249	-.015603	-.000135	.0005587	-.026046	-.001840	.0007146

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272291	.0022298	.0001025	.0019093	.0005750	.0022976	-.000024
Stddev	.0433053	.0006951	.0001063	.0005007	.0000598	.0033584	.001573
%RSD	159.0403	31.17362	103.7226	26.22234	10.39236	146.1722	6555.851

#1	-.003884	.0025831	.0000343	.0014756	.0005450	.0040869	.001767
#2	.076687	.0014290	.0002249	.0024572	.0005361	.0043825	-.001182
#3	.008884	.0026774	.0000481	.0017951	.0006438	-.001577	-.000657

Sample Name: ICB01 Acquired: 5/30/2025 15:26:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011396	.0000206	.0000310
Stddev	.0016028	.0001009	.0000770
%RSD	140.6383	489.5871	248.3317
#1	.0022164	.0000614	-.000055
#2	.0019048	.0000947	.000093
#3	-.000702	-.000094	.000055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.288	64420.89	11971.61	2163.544	4205.956
Stddev	3.066	228.28	35.66	7.914	4.573
%RSD	.1035354	.3543594	.2978824	.3657896	.1087229
#1	2962.280	64578.42	11936.57	2164.461	4209.593
#2	2963.734	64525.16	12007.86	2170.959	4200.822
#3	2957.848	64159.09	11970.38	2155.211	4207.453

Sample Name: CRI01 Acquired: 5/30/2025 15:30:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193392	.0299093	.0110134	.0215868	.0483894	.1014401	.0909552
Stddev	.0004746	.0004927	.0022322	.0044300	.0006197	.0075334	.0013680
%RSD	2.454196	1.647320	20.26809	20.52185	1.280541	7.426449	1.504030

#1	.0195585	.0302611	.0085411	.0208523	.0484282	.0928239	.0916810
#2	.0187946	.0301206	.0128808	.0263382	.0489887	.1047126	.0918073
#3	.0196645	.0293462	.0116183	.0175700	.0477513	.1067839	.0893773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059728	.0059040	1.912129	.0100784	.0290769	.0208542	.1019084
Stddev	.0000289	.0001040	.005921	.0001795	.0000396	.0002458	.0060180
%RSD	.4843633	1.761215	.3096566	1.781384	.1363422	1.178881	5.905315

#1	.0060005	.0058736	1.911086	.0099484	.0290312	.0206201	.1049142
#2	.0059751	.0060198	1.918503	.0102832	.0291013	.0208322	.1058314
#3	.0059428	.0058186	1.906799	.0100035	.0290983	.0211103	.0949796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193813	1.897290	.0392434	.0095546	1.806947	.0369126	.0403303
Stddev	.0005709	.031067	.0003398	.0001785	.004050	.0016876	.0007708
%RSD	2.945399	1.637420	.8659986	1.868529	.2241082	4.571981	1.911286

#1	.0188452	1.863742	.0388903	.0094511	1.810208	.0385025	.0399212
#2	.0199815	1.925066	.0395682	.0094520	1.808218	.0351418	.0412194
#3	.0193171	1.903063	.0392718	.0097608	1.802414	.0370936	.0398502

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.883737	.0958951	.1899424	.0362474	.0363849	.3365633	.0190463
Stddev	.015406	.0005594	.0004851	.0002090	.0000789	.0029950	.0010266
%RSD	.8178465	.5833758	.2554124	.5765461	.2168044	.8898696	5.390130

#1	1.894304	.0954459	.1902770	.0364587	.0364506	.3336184	.0190490
#2	1.866060	.0965217	.1901641	.0362426	.0362974	.3364655	.0200715
#3	1.890848	.0957177	.1893860	.0360408	.0364066	.3396059	.0180182

Sample Name: CRI01 Acquired: 5/30/2025 15:30:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0223795	.0202772	.0198948
Stddev	.0030753	.0005974	.0002121
%RSD	13.74172	2.946151	1.066160
#1	.0259273	.0208027	.0198252
#2	.0207382	.0196275	.0201330
#3	.0204731	.0204013	.0197264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.235	61520.46	11904.42	2124.665	4168.646
Stddev	4.076	58.82	71.33	3.810	11.307
%RSD	.1380040	.0956109	.5991745	.1793021	.2712386
#1	2955.987	61587.37	11893.09	2120.619	4181.232
#2	2948.553	61497.13	11839.44	2125.193	4159.346
#3	2955.164	61476.88	11980.74	2128.183	4165.360

Sample Name: ICSA01 Acquired: 5/30/2025 15:34:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079276	-.001620	-.003469	.0011641	-.010467	265.4145	.0055921
Stddev	.0024092	.002823	.000635	.0028283	.005427	3.3453	.0007406
%RSD	30.39053	174.2514	18.30833	242.9485	51.84563	1.260424	13.24307
#1	.0079588	-.003736	-.002991	-.000647	-.007540	268.8216	.0050992
#2	.0103211	.001586	-.003227	.004423	-.007132	262.1345	.0064437
#3	.0055029	-.002710	-.004190	-.000284	-.016729	265.2874	.0052333
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010788	.0009558	249.9011	.0505328	.0021398	.0110663	106.2587
Stddev	.0000819	.0002425	1.1897	.0003671	.0002303	.0008568	.5027
%RSD	7.591210	25.36771	.4760572	.7264157	10.76166	7.742776	.4731299
#1	.0011710	.0011304	251.1233	.0509410	.0019361	.0120125	106.6325
#2	.0010505	.0010580	249.8331	.0504275	.0020937	.0108434	106.4565
#3	.0010147	.0006789	248.7468	.0502299	.0023897	.0103429	105.6872
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103611	272.9013	.0026701	-.000969	.0156872	.0023164	-.008276
Stddev	.0002502	1.1550	.0004167	.000541	.0085505	.0019277	.000721
%RSD	2.415260	.4232176	15.60744	55.84152	54.50610	83.22108	8.706887
#1	.0106457	273.7992	.0029559	-.001579	.0240461	.0011699	-.009003
#2	.0102617	273.3063	.0021919	-.000780	.0069572	.0012373	-.008262
#3	.0101757	271.5983	.0028624	-.000547	.0160582	.0045420	-.007562
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822154	.0118534	.0005674	-.002312	-.000427	.0178236	.0075776
Stddev	.0355433	.0020745	.0002810	.000786	.000246	.0038342	.0023274
%RSD	43.23187	17.50153	49.52649	33.99970	57.64824	21.51187	30.71396
#1	.0463745	.0122515	.0008911	-.001591	-.000338	.0138259	.0074159
#2	.0828185	.0137001	.0004258	-.003151	-.000705	.0214701	.0053353
#3	.1174533	.0096087	.0003854	-.002196	-.000238	.0181748	.0099816

Sample Name: ICSA01 Acquired: 5/30/2025 15:34:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009629	.0138579	.0007063
Stddev	.002618	.0004269	.0003534
%RSD	27.18328	3.080464	50.03132

#1	-.007235	.0140299	.0010769
#2	-.012424	.0141721	.0003732
#3	-.009229	.0133719	.0006688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.201	56188.15	11404.77	1929.929	3485.797
Stddev	3.988	176.06	47.79	10.633	5.412
%RSD	.1491167	.3133351	.4190176	.5509670	.1552696

#1	2676.035	55993.25	11351.97	1917.658	3484.557
#2	2676.941	56235.55	11445.05	1935.693	3491.722
#3	2669.626	56335.66	11417.30	1936.435	3481.112

Sample Name: ICSAB01 Acquired: 5/30/2025 15:49:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1152373	.0862443	.0490397	.0535195	.6494342	249.0488
Stddev	.0027707	.0030496	.0022641	.0048188	.0064212	.3970
%RSD	2.404320	3.536012	4.616868	9.003773	.9887375	.1593955

#1	.1172510	.0862097	.0464264	.0518060	.6453528	248.8331
#2	.1120775	.0832122	.0504124	.0589609	.6461141	249.5069
#3	.1163835	.0893111	.0502802	.0497917	.6568358	248.8063

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4952599	.5449604	1.045902	231.2528	.5859549	.5300704
Stddev	.0013207	.0011041	.008635	.2830	.0024794	.0038030
%RSD	.2666582	.2026030	.8256062	.1223812	.4231465	.7174581

#1	.4952010	.5456454	1.042551	230.9321	.5868407	.5293815
#2	.4966090	.5455492	1.039445	231.3584	.5878697	.5266589
#3	.4939696	.5436867	1.055711	231.4678	.5831542	.5341707

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5387447	96.83925	.5036985	253.8275	1.046421	.2232793
Stddev	.0034495	.20363	.0012923	.5056	.008790	.0002477
%RSD	.6402918	.2102722	.2565538	.1991927	.8399621	.1109229

#1	.5364950	96.60564	.5028322	253.4315	1.042758	.2230839
#2	.5370228	96.97919	.5030796	253.6540	1.040056	.2231962
#3	.5427162	96.93290	.5051838	254.3970	1.056450	.2235578

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016646	.4982004	1.076827	.0506279	.9592695	1.015282
Stddev	.004995	.0012143	.009195	.0092429	.0018642	.006050
%RSD	30.00909	.2437316	.8539352	18.25648	.1943368	.5959199

#1	-.021463	.4983461	1.087410	.0413547	.9579041	1.012384
#2	-.011490	.4969198	1.072284	.0506888	.9613934	1.011225
#3	-.016986	.4993352	1.070788	.0598401	.9585111	1.022236

Sample Name: ICSAB01 Acquired: 5/30/2025 15:49:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.004148	.9411903	.9366049	F .0073603	F -.002190	.8583727
Stddev	.006765	.0018602	.0050281	.0037703	.002635	.0012504
%RSD	.6736890	.1976405	.5368410	51.22406	120.3402	.1456689

#1	1.002004	.9402622	.9329569	.0030588	-.002320	.8582915
#2	.998714	.9399768	.9423405	.0100922	.000508	.8596617
#3	1.011725	.9433319	.9345174	.0089300	-.004758	.8571649

Elem	Sr4077
Units	ppm
Avg	.9152528
Stddev	.0009924
%RSD	.1084277

#1	.9149750
#2	.9163545
#3	.9144289

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.331	54560.79	10922.61	1868.885	3414.389
Stddev	15.792	49.35	11.49	7.087	26.390
%RSD	.6087199	.0904451	.1051949	.3792236	.7729015

#1	2602.802	54614.41	10931.32	1875.282	3425.085
#2	2604.081	54517.28	10926.92	1870.106	3433.753
#3	2576.111	54550.70	10909.59	1861.266	3384.331

Sample Name: ICSADLX20 Acquired: 5/30/2025 15:53:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001202	-.006644	-.002144	.0001430	.0002166	11.03352	-.000779
Stddev	.002034	.002838	.000260	.0024693	.0005510	.02215	.000319
%RSD	169.2103	42.71477	12.13406	1726.320	254.4291	.2007579	40.95169

#1	-.001315	-.006238	-.001845	.0012789	.0007463	11.02803	-.000439
#2	-.003177	-.004030	-.002268	-.002690	-.000354	11.05790	-.001071
#3	.000886	-.009662	-.002318	.001840	.000257	11.01464	-.000827

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000956	.0000059	10.80624	.0023281	.0002027	.0012323	4.510927
Stddev	.0000331	.0000200	.02945	.0002191	.0000548	.0002654	.012476
%RSD	34.59972	336.3351	.2725378	9.411259	27.04220	21.53358	.2765719

#1	.0001294	-.000014	10.79767	.0021035	.0001723	.0010637	4.523745
#2	.0000942	.000026	10.83902	.0025413	.0002660	.0015382	4.510213
#3	.0000633	.000006	10.78202	.0023396	.0001699	.0010950	4.498824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007180	11.17609	.0002818	-.000048	-.076244	.0000382	.0084072
Stddev	.0002735	.05693	.0003456	.000156	.022283	.0017991	.0003391
%RSD	38.09053	.5093954	122.6251	327.2515	29.22593	4704.310	4.034019

#1	.0008586	11.13942	.0000617	-.000067	-.058076	-.001591	.0080292
#2	.0008926	11.24167	.0001036	-.000193	-.069549	-.000263	.0086850
#3	.0004028	11.14718	.0006801	.000117	-.101107	.001969	.0085073

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000244	.0026228	.0004328	-.001267	.0009238	-.002229	-.000006
Stddev	.003631	.0001123	.0001385	.000374	.0011267	.004045	.001077
%RSD	1485.349	4.283594	31.99945	29.50504	121.9637	181.4867	18689.97

#1	.000266	.0027104	.0005255	-.001668	.0013951	-.001814	-.000490
#2	-.004103	.0026618	.0002736	-.000929	.0017382	.001593	.001228
#3	.003104	.0024961	.0004992	-.001205	-.000362	-.006465	-.000756

Sample Name: ICSADLX20 Acquired: 5/30/2025 15:53:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012842	.0013918	.0001763
Stddev	.0002074	.0005732	.0000935
%RSD	16.15152	41.18683	53.04572
#1	.0012984	.0011722	.0002790
#2	.0014841	.0009608	.0000962
#3	.0010700	.0020424	.0001537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.692	60556.63	11675.16	2099.873	4029.305
Stddev	5.184	220.98	33.20	5.954	7.854
%RSD	.1791483	.3649145	.2843844	.2835249	.1949151
#1	2897.865	60359.58	11664.80	2093.001	4030.857
#2	2895.322	60514.75	11648.38	2103.476	4036.267
#3	2887.889	60795.55	11712.31	2103.143	4020.791

Sample Name: ICSABDLX20 Acquired: 5/30/2025 15:58:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053060	.0003954	.0018035	.0046652	.0317139	12.15920	.0249230
Stddev	.0012836	.0028068	.0004097	.0038274	.0004112	.03672	.0007440
%RSD	24.19102	709.8745	22.71512	82.04074	1.296725	.3019633	2.985087

#1	.0050928	.0035186	.0017623	.0042107	.0321864	12.19902	.0253338
#2	.0041424	-.001916	.0022322	.0010854	.0314361	12.12668	.0240642
#3	.0066829	-.000416	.0014160	.0086996	.0315194	12.15189	.0253710

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266770	.0534087	12.00170	.0297996	.0266635	.0288293	5.134344
Stddev	.0001188	.0002282	.02909	.0006911	.0001887	.0001908	.034378
%RSD	.4451427	.4272117	.2423566	2.319083	.7077003	.6617791	.6695618

#1	.0266953	.0531558	12.03000	.0296552	.0265179	.0286248	5.143509
#2	.0265502	.0535993	11.97188	.0305514	.0265959	.0288606	5.163210
#3	.0267856	.0534709	12.00321	.0291920	.0268767	.0290025	5.096312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0278754	12.33916	.0531278	.0108811	-.075375	.0257154	.0942709
Stddev	.0003000	.04338	.0002765	.0002950	.008604	.0018369	.0010891
%RSD	1.076225	.3515649	.5203814	2.711261	11.41521	7.143166	1.155277

#1	.0275440	12.33453	.0529143	.0107885	-.065618	.0250540	.0940602
#2	.0281284	12.29828	.0530289	.0106436	-.078632	.0243007	.0954500
#3	.0279538	12.38467	.0534401	.0112114	-.081876	.0277913	.0933026

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188241	.0502095	.0524790	.0494303	.0504115	.0433646	-.000059
Stddev	.0269766	.0002726	.0003156	.0007993	.0010767	.0081905	.001049
%RSD	143.3090	.5428626	.6014149	1.616966	2.135824	18.88762	1786.831

#1	.0419406	.0505134	.0522827	.0498419	.0515116	.0513254	-.001113
#2	.0253478	.0501283	.0528431	.0485091	.0493598	.0438063	.000986
#3	-.010816	.0499866	.0523112	.0499397	.0503633	.0349622	-.000049

Sample Name: ICSABDLX20 Acquired: 5/30/2025 15:58:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0026276	.0395320	.0465089
Stddev	.0014974	.0005931	.0002059
%RSD	56.98619	1.500229	.4428155
#1	.0035608	.0394147	.0466278
#2	.0009005	.0390063	.0466278
#3	.0034216	.0401749	.0462711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.788	60846.32	12046.93	2096.486	4015.642
Stddev	9.120	309.47	49.96	11.951	13.795
%RSD	.3163634	.5086080	.4147239	.5700309	.3435253
#1	2890.033	60742.76	12004.08	2087.979	4030.523
#2	2872.547	60601.92	12101.81	2091.330	4003.281
#3	2885.784	61194.29	12034.91	2110.149	4013.122

Sample Name: CCV01 Acquired: 5/30/2025 16:02:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.114770	5.188629	5.013956	5.162637	5.091130	9.756070	9.885509
Stddev	.011141	.039360	.006428	.013680	.006358	.022198	.125535
%RSD	.2178116	.7585845	.1281958	.2649885	.1248932	.2275299	1.269894

#1	5.122378	5.214061	5.013969	5.161828	5.088068	9.730589	9.744867
#2	5.101983	5.143292	5.007522	5.149380	5.086882	9.771219	9.986228
#3	5.119949	5.208534	5.020377	5.176705	5.098440	9.766401	9.925432

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2345953	2.503353	24.43455	1.019284	2.497657	1.276393	5.423889
Stddev	.0013976	.004630	.10338	.003012	.002850	.001101	.020493
%RSD	.5957480	.1849686	.4230711	.2955175	.1140963	.0862560	.3778341

#1	.2331129	2.502905	24.34420	1.017213	2.498941	1.275223	5.440101
#2	.2347841	2.498962	24.41218	1.022740	2.494391	1.277409	5.430712
#3	.2358889	2.508191	24.54728	1.017900	2.499639	1.276547	5.400855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.430228	24.07437	2.506746	1.276669	26.67480	2.461008	2.681380
Stddev	.010474	.13885	.003522	.002014	.09991	.005695	.003775
%RSD	.4309719	.5767539	.1405043	.1577601	.3745545	.2314247	.1408017

#1	2.422380	24.03422	2.507878	1.275110	26.69537	2.455570	2.679001
#2	2.426182	23.96001	2.502797	1.278943	26.76282	2.460525	2.679405
#3	2.442120	24.22887	2.509563	1.275954	26.56620	2.466930	2.685733

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.03437	4.642449	5.093340	5.035781	4.879180	5.324242	4.898331
Stddev	.15362	.022577	.007583	.009229	.021641	.018970	.007167
%RSD	.5682433	.4863065	.1488775	.1832621	.4435301	.3563025	.1463078

#1	27.11044	4.619807	5.096798	5.037223	4.855605	5.344444	4.905215
#2	27.13511	4.642580	5.084645	5.025917	4.883795	5.321475	4.898865
#3	26.85756	4.664959	5.098578	5.044204	4.898142	5.306807	4.890912

Sample Name: CCV01 Acquired: 5/30/2025 16:02:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.015163	4.788130	4.965970
Stddev	.015461	.012872	.095998
%RSD	.3082940	.2688305	1.933113
#1	5.021318	4.775346	4.864104
#2	4.997571	4.801088	4.979045
#3	5.026598	4.787957	5.054760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2797.649	59420.51	12194.67	2031.052	3784.813
Stddev	9.706	147.76	72.79	4.732	11.916
%RSD	.3469245	.2486715	.5968779	.2329783	.3148261
#1	2792.657	59492.73	12272.35	2035.776	3779.244
#2	2791.455	59250.53	12183.63	2026.312	3776.701
#3	2808.834	59518.28	12128.03	2031.069	3798.493

Sample Name: CCB01 Acquired: 5/30/2025 16:06:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008886	-.004862	-.000251	.0015699	.0006132	.0087920	-.001239
Stddev	.0013135	.001510	.001204	.0024211	.0018826	.0067960	.000542
%RSD	147.8169	31.05234	480.3935	154.2169	307.0160	77.29766	43.72795
#1	.0023678	-.005353	.001136	-.000894	.0011806	.0110300	-.001671
#2	.0004393	-.006066	-.001028	.001658	-.001488	.0141867	-.001416
#3	-.000141	-.003168	-.000859	.003946	.002147	.0011592	-.000631
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000363	-.000004	.0073548	.0013984	.0001292	-.000257	.0032330
Stddev	.0000478	.000022	.0046651	.0004032	.0001416	.000034	.0034172
%RSD	131.5987	518.0538	63.42930	28.83089	109.5804	13.21783	105.6994
#1	.0000849	.000013	.0025290	.0013094	.0002578	-.000286	-.000548
#2	.0000347	.000004	.0076948	.0010471	.0001525	-.000220	.006100
#3	-.000011	-.000029	.0118406	.0018386	-.000023	-.000265	.004147
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009285	-.017363	.0014265	.0001018	-.071741	-.000629	.0006755
Stddev	.0001768	.016853	.0002908	.0003048	.004167	.001937	.0003115
%RSD	19.04817	97.06808	20.38800	299.2869	5.808935	307.8208	46.10865
#1	.0007724	-.023978	.0016826	-.000227	-.071184	.000956	.0007790
#2	.0011205	-.029905	.0014866	.000159	-.067880	-.000055	.0009220
#3	.0008925	.001795	.0011104	.000374	-.076159	-.002788	.0003254
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145219	.0117204	.0005027	.0028827	.0007210	.0084731	.0011779
Stddev	.0112632	.0005935	.0000740	.0006766	.0004882	.0046816	.0004428
%RSD	77.56040	5.063425	14.73081	23.47183	67.71454	55.25268	37.58840
#1	.0266590	.0112661	.0005806	.0023574	.0010955	.0098954	.0008156
#2	.0044062	.0123918	.0004943	.0026444	.0001688	.0122786	.0010467
#3	.0125005	.0115032	.0004332	.0036461	.0008987	.0032453	.0016714

Sample Name: CCB01 Acquired: 5/30/2025 16:06:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001950	-.000485	.0000670
Stddev	.0030686	.000916	.0000167
%RSD	1573.570	188.8937	24.94808
#1	.0017682	-.001541	.0000817
#2	.0021581	.000011	.0000705
#3	-.003341	.000076	.0000488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2955.992	62846.09	12187.99	2145.299	4177.778
Stddev	17.584	123.41	30.26	6.316	17.300
%RSD	.5948752	.1963628	.2482864	.2944057	.4140861
#1	2976.120	62709.18	12191.55	2140.249	4197.702
#2	2948.246	62948.76	12216.31	2152.381	4169.062
#3	2943.611	62880.34	12156.10	2143.267	4166.571

Sample Name: Q2127-11 Acquired: 5/30/2025 16:10:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872739	-.030636	.7239969	.0048271	-.008146	107.1125	.4513403
Stddev	.0024211	.003494	.0020269	.0020490	.001209	.3570	.0032640
%RSD	2.774088	11.40335	.2799643	42.44818	14.84661	.3333204	.7231861
#1	.0860300	-.034582	.7220864	.0029288	-.007155	107.4985	.4530957
#2	.0857276	-.027939	.7237812	.0045533	-.009493	107.0448	.4533510
#3	.0900640	-.029386	.7261230	.0069993	-.007789	106.7941	.4475742
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073018	.0049759	48.91815	.1593178	.0817261	.1964147	199.8648
Stddev	.0000172	.0001060	.22624	.0007133	.0005879	.0013571	1.0780
%RSD	.2348072	2.130406	.4624934	.4477074	.7193547	.6909244	.5393554
#1	.0072942	.0049670	49.15062	.1589207	.0816511	.1973528	199.9851
#2	.0072897	.0048746	48.90513	.1588914	.0811793	.1948586	200.8776
#3	.0073214	.0050860	48.69869	.1601412	.0823479	.1970326	198.7318
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653320	14.41982	.1246757	-.002237	3.316899	.2471073	.5241794
Stddev	.009079	.06548	.0003111	.000346	.036937	.0049804	.0057164
%RSD	.5491327	.4540988	.2494927	15.46650	1.113611	2.015497	1.090547
#1	1.662149	14.48367	.1249269	-.002402	3.303427	.2510922	.5205444
#2	1.653799	14.42297	.1243277	-.001839	3.358681	.2487059	.5212255
#3	1.644010	14.35283	.1247723	-.002470	3.288589	.2415239	.5307685
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.533079	.0143453	.0045978	.0125770	.9949585	7.023828	3.744075
Stddev	.019513	.0083268	.0002789	.0006342	.0043272	.024198	.013529
%RSD	.2286779	58.04542	6.066567	5.042884	.4349149	.3445105	.3613517
#1	8.520679	.0142496	.0049146	.0120745	.9986843	7.022246	3.739225
#2	8.555571	.0227196	.0043888	.0132896	.9959790	7.048779	3.733639
#3	8.522986	.0060668	.0044902	.0123669	.9902123	7.000461	3.759360

Sample Name: Q2127-11 Acquired: 5/30/2025 16:10:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.364003	.1736152	.0171291
Stddev	.017636	.0013115	.0007658
%RSD	.5242581	.7553920	4.470634
#1	3.383922	.1742875	.0179082
#2	3.357713	.1744542	.0163774
#3	3.350375	.1721039	.0171017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.876	67289.28	13164.63	2256.261	3835.768
Stddev	5.119	84.42	48.94	9.871	5.315
%RSD	.1644485	.1254564	.3717707	.4374758	.1385767
#1	3110.581	67362.33	13117.64	2248.272	3839.732
#2	3118.741	67196.86	13215.31	2267.295	3837.844
#3	3109.305	67308.67	13160.95	2253.215	3829.728

Sample Name: Q2127-11DUP Acquired: 5/30/2025 16:15:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0890924	-.028066	.7210599	.0078343	-.007538	106.9027	.4602584
Stddev	.0014931	.005899	.0017776	.0059518	.004453	.2873	.0029160
%RSD	1.675845	21.01821	.2465239	75.97152	59.07512	.2687499	.6335567

#1	.0887882	-.034743	.7228147	.0075127	-.011970	106.5902	.4571016
#2	.0907142	-.023562	.7192603	.0020497	-.003064	106.9624	.4628511
#3	.0877749	-.025892	.7211046	.0139403	-.007580	107.1554	.4608227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072621	.0038027	49.12146	.1598050	.0830605	.1929258	209.7197
Stddev	.0001112	.0002154	.10255	.0005431	.0002183	.0002133	.2100
%RSD	1.531769	5.664992	.2087612	.3398186	.2628460	.1105407	.1001480

#1	.0071630	.0036644	49.01491	.1591780	.0831557	.1927443	209.7130
#2	.0073824	.0040509	49.21946	.1601245	.0832150	.1931607	209.5130
#3	.0072408	.0036927	49.13001	.1601125	.0828107	.1928724	209.9329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.683489	14.31792	.1252907	-.000116	3.576010	.2469068	.5416571
Stddev	.008979	.02161	.0003371	.000162	.006131	.0019151	.0018444
%RSD	.5333738	.1508950	.2690750	139.5294	.1714477	.7756356	.3405021

#1	1.674061	14.32941	.1253093	-.000074	3.576888	.2447340	.5398205
#2	1.691940	14.33135	.1256181	-.000295	3.581655	.2483493	.5416418
#3	1.684465	14.29300	.1249447	.000021	3.569488	.2476370	.5435091

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.936945	.0377364	.0045406	.0141624	1.000954	7.194865	3.852429
Stddev	.074414	.0047595	.0002579	.0001378	.003579	.022531	.003748
%RSD	.8326601	12.61252	5.679350	.9733532	.3575246	.3131573	.0972986

#1	8.905611	.0420036	.0042574	.0143115	.997167	7.201511	3.856756
#2	9.021902	.0326034	.0047619	.0140396	1.004280	7.169758	3.850173
#3	8.883322	.0386022	.0046024	.0141361	1.001415	7.213326	3.850357

Sample Name: Q2127-11DUP Acquired: 5/30/2025 16:15:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.474171	.1786615	.0113459
Stddev	.011100	.0005653	.0012135
%RSD	.3194911	.3164082	10.69518
#1	3.481215	.1790504	.0101446
#2	3.479923	.1780130	.0125712
#3	3.461376	.1789211	.0113218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3051.800	64471.85	13109.65	2229.476	3757.089
Stddev	1.421	62.63	41.82	9.878	6.092
%RSD	.0465755	.0971461	.3190167	.4430536	.1621506
#1	3053.440	64404.67	13147.72	2223.635	3764.124
#2	3050.936	64528.62	13064.89	2240.880	3753.569
#3	3051.024	64482.26	13116.34	2223.911	3753.575

Sample Name: Q2127-11LX5 Acquired: 5/30/2025 16:19:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151892	-.005888	.1676102	.0007649	-.002965	22.23340	.0942443
Stddev	.0012919	.003778	.0010162	.0013339	.002510	.00089	.0004436
%RSD	8.505396	64.16120	.6062942	174.3862	84.67147	.0040125	.4706638

#1	.0140279	-.009527	.1682012	.0002414	-.001075	22.23408	.0937427
#2	.0149590	-.001986	.1681925	-.000228	-.005813	22.23239	.0944055
#3	.0165808	-.006151	.1664367	.002281	-.002006	22.23372	.0945848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015434	.0003856	10.10894	.0335052	.0146284	.0448717	39.51365
Stddev	.0000675	.0000498	.01279	.0003891	.0000831	.0003451	.17598
%RSD	4.371336	12.92482	.1265297	1.161330	.5680028	.7690718	.4453626

#1	.0016054	.0004431	10.11216	.0339524	.0145361	.0452456	39.31382
#2	.0015532	.0003566	10.11982	.0332440	.0146517	.0448041	39.64548
#3	.0014715	.0003571	10.09485	.0333193	.0146973	.0445655	39.58166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3328744	3.042823	.0250294	-.000341	.5374714	.0515377	.1253235
Stddev	.0012101	.006994	.0002731	.000230	.0130813	.0024729	.0017248
%RSD	.3635353	.2298426	1.091079	67.30257	2.433864	4.798169	1.376262

#1	.3327309	3.042602	.0251789	-.000348	.5264182	.0520801	.1236139
#2	.3317424	3.049925	.0251951	-.000567	.5519138	.0488387	.1270631
#3	.3341498	3.035943	.0247142	-.000108	.5340822	.0536943	.1252934

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.678403	-.002702	.0009465	.0029183	.2197801	1.837156	.7371596
Stddev	.016927	.000747	.0000313	.0007337	.0009791	.003211	.0037362
%RSD	1.008506	27.63242	3.304759	25.14121	.4454828	.1747607	.5068334

#1	1.676185	-.003525	.0009228	.0032420	.2196205	1.833602	.7406549
#2	1.696329	-.002068	.0009348	.0034345	.2208292	1.839846	.7376021
#3	1.662694	-.002514	.0009820	.0020784	.2188906	1.838019	.7332220

Sample Name: Q2127-11LX5 Acquired: 5/30/2025 16:19:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5226632	.0354152	.0045521
Stddev	.0010279	.0014332	.0002082
%RSD	.1966705	4.046786	4.573372
#1	.5238144	.0343190	.0047916
#2	.5218372	.0370370	.0044147
#3	.5223380	.0348897	.0044499

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.822	64764.98	12116.30	2200.637	4002.011
Stddev	17.083	102.28	35.54	11.400	13.390
%RSD	.5812862	.1579306	.2933151	.5180312	.3345831
#1	2955.963	64870.35	12080.35	2206.629	4011.246
#2	2921.798	64666.09	12117.12	2207.790	3986.655
#3	2938.704	64758.50	12151.42	2187.490	4008.134

Sample Name: Q2127-11MS Acquired: 5/30/2025 16:23:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7703562	1.788870	2.443430	1.639608	.3100372	138.0489	.6817399
Stddev	.0019996	.022241	.004461	.000782	.0027528	.3050	.0037091
%RSD	.2595676	1.243310	.1825705	.0477031	.8878928	.2209231	.5440669

#1	.7725471	1.782221	2.448149	1.638937	.3116966	138.3003	.6815399
#2	.7686297	1.813677	2.442859	1.640467	.3068596	138.1368	.6855449
#3	.7698916	1.770711	2.439282	1.639420	.3115554	137.7096	.6781348

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1789235	.1949440	84.92527	.5623598	.2803173	.4891445	227.3989
Stddev	.0005165	.0003103	.19419	.0022323	.0008974	.0006865	.7961
%RSD	.2886819	.1591740	.2286552	.3969507	.3201451	.1403519	.3501100

#1	.1791669	.1952307	85.01550	.5609306	.2808703	.4885763	226.9118
#2	.1792733	.1946145	85.05792	.5649321	.2792818	.4889499	228.3176
#3	.1783302	.1949869	84.70238	.5612167	.2807996	.4899074	226.9672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.200012	32.18427	.6294279	.0655539	6.037406	.5974619	.7958943
Stddev	.008237	.15966	.0006434	.0003027	.039787	.0010032	.0048923
%RSD	.3744088	.4960820	.1022277	.4617530	.6590000	.1679113	.6146927

#1	2.199301	32.34861	.6293780	.0657413	6.036449	.5983667	.7944175
#2	2.208581	32.17445	.6288108	.0657158	6.077662	.5976359	.8013549
#3	2.192153	32.02974	.6300948	.0652047	5.998106	.5963831	.7919106

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.07069	.2002182	.3461077	.6554851	1.257302	12.66776	10.02230
Stddev	.08128	.0020011	.0004857	.0015594	.002064	.04164	.03120
%RSD	.4262109	.9994500	.1403199	.2378966	.1641635	.3286813	.3112661

#1	19.01142	.2008605	.3462169	.6570806	1.257897	12.62302	10.01427
#2	19.16335	.2018193	.3465294	.6554102	1.259003	12.70537	10.05673
#3	19.03731	.1979748	.3455767	.6539645	1.255005	12.67489	9.99591

Sample Name: Q2127-11MS Acquired: 5/30/2025 16:23:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.765367	.3981932	.2547850
Stddev	.002760	.0018513	.0010983
%RSD	.0997919	.4649260	.4310635
#1	2.768539	.3989150	.2555221
#2	2.764048	.3995748	.2553101
#3	2.763515	.3960897	.2535227

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.347	66273.76	13021.45	2247.646	3721.580
Stddev	2.555	104.37	25.52	10.912	7.349
%RSD	.0831355	.1574820	.1960173	.4854838	.1974596
#1	3073.745	66309.48	12995.78	2247.041	3715.230
#2	3070.616	66156.22	13021.74	2237.049	3719.881
#3	3075.680	66355.58	13046.82	2258.848	3729.630

Sample Name: Q2127-11MSD Acquired: 5/30/2025 16:27:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7826612	1.859947	1.493202	1.670503	.3183636	136.0165	.7140336
Stddev	.0022615	.046227	.004104	.003678	.0027736	.1279	.0027198
%RSD	.2889515	2.485402	.2748709	.2201641	.8711893	.0940641	.3809021
#1	.7821818	1.859310	1.493271	1.672634	.3191740	135.9376	.7141324
#2	.7851240	1.814042	1.497271	1.672619	.3152751	135.9478	.7112659
#3	.7806779	1.906490	1.489063	1.666256	.3206417	136.1641	.7167027
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1809286	.1990673	57.31676	.5371707	.2830202	.4569302	251.8515
Stddev	.0010349	.0005820	.08676	.0008540	.0010209	.0008821	.8909
%RSD	.5720135	.2923855	.1513651	.1589736	.3607291	.1930454	.3537416
#1	.1818597	.1990192	57.36138	.5376370	.2825189	.4577776	250.8663
#2	.1798143	.1996719	57.21677	.5361851	.2841949	.4569958	252.6004
#3	.1811118	.1985108	57.37212	.5376900	.2823469	.4560171	252.0880
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.039105	17.64522	.6413305	.0697888	6.514210	.5350538	.7724568
Stddev	.007178	.06609	.0017617	.0001426	.028768	.0027213	.0044105
%RSD	.2361784	.3745344	.2746954	.2043124	.4416149	.5086101	.5709660
#1	3.043781	17.56897	.6397821	.0699509	6.484011	.5342755	.7706760
#2	3.030840	17.68598	.6432473	.0696827	6.517327	.5380795	.7774793
#3	3.042693	17.68070	.6409620	.0697328	6.541292	.5328064	.7692152
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.47989	.2403044	.3550809	.6860662	1.157680	11.43976	10.02744
Stddev	.06527	.0034454	.0008919	.0009848	.001151	.06859	.01831
%RSD	.3350556	1.433771	.2511935	.1435381	.0994644	.5995793	.1825933
#1	19.40631	.2368059	.3540552	.6869528	1.157356	11.36467	10.02026
#2	19.50257	.2436941	.3555135	.6862395	1.156726	11.49912	10.01380
#3	19.53080	.2404133	.3556741	.6850063	1.158959	11.45548	10.04825

Sample Name: Q2127-11MSD Acquired: 5/30/2025 16:27:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.889390	.4135208	.2042498
Stddev	.018959	.0011179	.0019898
%RSD	.6561613	.2703326	.9742130
#1	2.875971	.4131038	.2058554
#2	2.881119	.4126714	.2020236
#3	2.911079	.4147873	.2048702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3110.038	65559.97	13311.26	2269.350	3743.093
Stddev	2.390	42.11	48.01	1.471	4.496
%RSD	.0768487	.0642365	.3607076	.0648038	.1201154
#1	3109.858	65606.97	13263.47	2268.368	3742.520
#2	3107.742	65525.66	13359.49	2268.642	3738.911
#3	3112.512	65547.29	13310.82	2271.041	3747.848

Sample Name: Q2127-11A Acquired: 5/30/2025 16:31:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7645480	1.933020	1.748608	1.691495	.6991162	108.9289	.6274413
Stddev	.0037159	.015967	.005649	.009748	.0041407	.2136	.0008113
%RSD	.4860278	.8260151	.3230720	.5762789	.5922688	.1960679	.1292983

#1	.7684088	1.948042	1.755127	1.700905	.7038481	108.9036	.6280239
#2	.7642388	1.916252	1.745154	1.681441	.6973432	108.7291	.6265147
#3	.7609963	1.934767	1.745543	1.692139	.6961572	109.1540	.6277852

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1828070	.1941432	48.09348	.5200912	.2679722	.4607093	195.0228
Stddev	.0003936	.0001099	.03646	.0012022	.0005908	.0013817	.1564
%RSD	.2152834	.0566002	.0758153	.2311541	.2204847	.2998990	.0801738

#1	.1827663	.1941777	48.05599	.5208755	.2686543	.4622192	194.9841
#2	.1824354	.1940202	48.09561	.5187071	.2676422	.4595081	195.1949
#3	.1832193	.1942318	48.12882	.5206909	.2676201	.4604006	194.8895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722951	16.14229	.6053186	.0670855	5.783471	.5049310	.7451442
Stddev	.001872	.03510	.0015692	.0006603	.008451	.0016747	.0046057
%RSD	.1086551	.2174112	.2592430	.9842040	.1461282	.3316685	.6180919

#1	1.723042	16.10537	.6063074	.0663774	5.789960	.5066158	.7483525
#2	1.721035	16.14627	.6061393	.0676842	5.786539	.5049107	.7398668
#3	1.724776	16.17522	.6035092	.0671948	5.773915	.5032666	.7472132

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.83234	.2539413	.3702904	.6811230	1.221679	10.23367	9.103075
Stddev	.03716	.0026423	.0007860	.0011575	.002547	.00469	.035704
%RSD	.2083950	1.040512	.2122716	.1699382	.2084512	.0458359	.3922137

#1	17.86016	.2509083	.3707647	.6820729	1.221066	10.22893	9.140823
#2	17.79014	.2551706	.3693831	.6814623	1.219495	10.23378	9.069847
#3	17.84672	.2557450	.3707234	.6798337	1.224476	10.23831	9.098555

Sample Name: Q2127-11A Acquired: 5/30/2025 16:31:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.613977	.3581164	.1903291
Stddev	.006862	.0003651	.0006337
%RSD	.2625036	.1019566	.3329548
#1	2.618866	.3582683	.1908095
#2	2.606133	.3576998	.1896109
#3	2.616932	.3583811	.1905668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3134.240	65715.24	12854.94	2258.099	3857.267
Stddev	3.160	180.72	37.04	8.299	5.828
%RSD	.1008073	.2750071	.2881523	.3675320	.1510970
#1	3132.137	65685.91	12851.59	2248.546	3853.642
#2	3132.710	65908.82	12893.54	2263.534	3854.168
#3	3137.873	65550.97	12819.68	2262.217	3863.990

Sample Name: PB168179BL Acquired: 5/30/2025 16:35:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.003125	-.001012	.0042535	-.001425	.0000988	-.002445
Stddev	.001010	.000560	.001022	.0019468	.002418	.0059788	.000711
%RSD	13504.59	17.90632	101.0218	45.76974	169.7216	6053.945	29.09621
#1	-.001173	-.003734	-.000313	.0027747	.001245	-.003684	-.002365
#2	.000526	-.003009	-.000537	.0064592	-.003467	.006992	-.001777
#3	.000625	-.002633	-.002185	.0035266	-.002053	-.003011	-.003193
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000031	-.000033	-.004659	-.000068	-.000007	-.000202	.0040433
Stddev	.0000336	.000029	.005884	.000060	.000141	.000201	.0052850
%RSD	1067.388	86.44076	126.3014	88.74842	2063.774	99.37776	130.7088
#1	-.000018	-.000020	.002017	-.000131	.000011	-.000178	.0095268
#2	.000042	-.000067	-.009090	-.000060	.000125	-.000014	-.001018
#3	-.000015	-.000014	-.006902	-.000012	-.000156	-.000413	.003621
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000263	-.016079	-.000049	.0000909	-.081156	.0000512	.0002121
Stddev	.000353	.015491	.000070	.0000464	.007775	.0016387	.0001364
%RSD	133.9292	96.34310	144.8523	51.03546	9.579743	3197.478	64.32228
#1	-.000290	.001680	-.000120	.0001342	-.076163	-.001030	.0003660
#2	-.000602	-.026815	.000020	.0000420	-.090114	-.000752	.0001063
#3	.000102	-.023102	-.000046	.0000965	-.077192	.001937	.0001639
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041021	.0021673	.0000381	-.000560	.0007299	.0122435	.0022683
Stddev	.0057942	.0001144	.0002751	.000533	.0000744	.0084724	.0024316
%RSD	141.2489	5.279920	722.4709	95.17617	10.19216	69.19897	107.2015
#1	.0090792	.0022728	-.000161	-.000230	.0008142	.0210762	.0050753
#2	-.002259	.0020457	.000352	-.000275	.0006734	.0041845	.0009228
#3	.005486	.0021836	-.000077	-.001174	.0007020	.0114698	.0008068

Sample Name: PB168179BL Acquired: 5/30/2025 16:35:17 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010197	.0001489	.0000154
Stddev	.0007843	.0005072	.0000990
%RSD	76.91194	340.6146	643.2829
#1	.0002641	.0007128	-.000060
#2	.0018298	.0000042	-.000021
#3	.0009652	-.000270	.000127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.464	63256.23	11881.39	2173.770	4119.133
Stddev	35.432	268.01	44.87	12.155	48.200
%RSD	1.207045	.4236970	.3776238	.5591750	1.170150
#1	2894.981	63058.24	11931.47	2159.916	4063.827
#2	2960.838	63149.23	11844.88	2178.746	4152.183
#3	2950.571	63561.22	11867.81	2182.647	4141.390

Sample Name: PB168179BS Acquired: 5/30/2025 16:39:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7839865	2.006554	.9568509	1.993425	.8223763	1.898795
Stddev	.0032898	.008230	.0023124	.011544	.0079427	.023295
%RSD	.4196249	.4101404	.2416647	.5790831	.9658170	1.226839

#1	.7809849	2.004366	.9545314	1.980140	.8135471	1.872349
#2	.7875036	1.999639	.9591561	2.001006	.8289403	1.907760
#3	.7834710	2.015656	.9568654	1.999129	.8246413	1.916275

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1834582	.1960795	.1953880	.9973278	.4080184	.1962209
Stddev	.0018985	.0011790	.0003535	.0147303	.0022329	.0007421
%RSD	1.034819	.6012620	.1809148	1.476979	.5472497	.3782000

#1	.1814120	.1953477	.1950084	.9845300	.4105005	.1956660
#2	.1838002	.1954514	.1957078	.9940238	.4073818	.1970638
#3	.1851624	.1974396	.1954477	1.013430	.4061729	.1959329

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3094290	3.021964	.1947050	1.873055	.4930918	.0740862
Stddev	.0019000	.016790	.0009227	.030962	.0011901	.0001611
%RSD	.6140299	.5556104	.4739024	1.653008	.2413614	.2174721

#1	.3075369	3.003810	.1936725	1.837602	.4917481	.0741747
#2	.3113368	3.036935	.1949934	1.886785	.4940133	.0741836
#3	.3094133	3.025148	.1954490	1.894777	.4935139	.0739002

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.794993	.2891246	.1937706	9.361750	.2835447	.4165380
Stddev	.011610	.0025523	.0023250	.058777	.0035801	.0018188
%RSD	.4153917	.8827800	1.199886	.6278398	1.262611	.4366530

#1	2.799806	.2864446	.1959052	9.325037	.2815137	.4144381
#2	2.803422	.2915266	.1912932	9.429542	.2814420	.4176184
#3	2.781750	.2894025	.1941132	9.330672	.2876784	.4175575

Sample Name: PB168179BS Acquired: 5/30/2025 16:39:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7080315	.1928259	.8623081	5.599605	F -.003239	.1901231
Stddev	.0006015	.0020848	.0110773	.014739	.000031	.0011472
%RSD	.0849495	1.081195	1.284615	.2632105	.9651225	.6034177

#1	.7073549	.1904584	.8498090	5.585866	-.003250	.1888250
#2	.7082345	.1936317	.8662043	5.615172	-.003204	.1910009
#3	.7085053	.1943875	.8709109	5.597776	-.003263	.1905435

Elem	Sr4077
Units	ppm
Avg	.1853902
Stddev	.0018742
%RSD	1.010939

#1	.1832264
#2	.1865007
#3	.1864437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2916.049	62431.94	12149.11	2169.983	4086.055
Stddev	18.232	146.55	123.76	10.419	16.986
%RSD	.6252434	.2347321	1.018710	.4801499	.4157058

#1	2934.801	62488.09	12261.40	2176.291	4102.819
#2	2898.385	62542.11	12169.51	2175.700	4068.855
#3	2914.962	62265.62	12016.41	2157.956	4086.491

Sample Name: PB168167BL Acquired: 5/30/2025 16:43:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009176	-.003561	-.000863	.0035334	-.000802	.0061087	-.000010
Stddev	.0022417	.001688	.000445	.0014722	.000399	.0017690	.000144
%RSD	244.3009	47.40389	51.60275	41.66458	49.76896	28.95920	1458.400

#1	-.001612	-.004546	-.000521	.0045945	-.001177	.0060057	.000145
#2	.002659	-.004525	-.001367	.0018527	-.000848	.0043933	-.000141
#3	.001705	-.001612	-.000702	.0041530	-.000382	.0079269	-.000033

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000316	.0000200	.0083315	.0030647	.0000637	.0001685	.0055966
Stddev	.0000224	.0000453	.0031029	.0000568	.0001386	.0002982	.0046675
%RSD	70.90460	226.8498	37.24323	1.852945	217.4704	176.9805	83.39717

#1	.0000259	-.000032	.0053862	.0030160	-.000003	.0002812	.0099147
#2	.0000562	.000044	.0115710	.0030509	-.000028	-.000170	.0062306
#3	.0000126	.000048	.0080372	.0031271	.000223	.000394	.0006446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004441	-.015563	.0015127	.0000381	-.084400	-.000464	.0004180
Stddev	.0002903	.009589	.0000807	.0001589	.007691	.002843	.0000661
%RSD	65.36512	61.61284	5.334638	417.1546	9.112422	613.2712	15.80142

#1	.0001131	-.026426	.0015396	.0001864	-.093080	-.003478	.0003577
#2	.0005639	-.008278	.0014219	.0000575	-.081687	.002169	.0004078
#3	.0006553	-.011984	.0015764	-.000130	-.078433	-.000081	.0004886

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240506	.0012263	.0001630	-.000452	.0008292	-.001045	.0008863
Stddev	.0111867	.0002336	.0001793	.000486	.0002835	.005085	.0016577
%RSD	46.51295	19.05099	109.9956	107.6075	34.18777	486.7053	187.0314

#1	.0111973	.0014671	.0002533	-.000698	.0011062	-.004617	.0026954
#2	.0293655	.0012112	-.000043	-.000767	.0008419	.004777	-.000560
#3	.0315890	.0010006	.000279	.000108	.0005396	-.003293	.000523

Sample Name: PB168167BL Acquired: 5/30/2025 16:43:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022176	.0004254	.0000861
Stddev	.0014525	.0000970	.0000254
%RSD	65.49947	22.79770	29.47816
#1	.0006934	.0005067	.0000764
#2	.0035858	.0003181	.0000671
#3	.0023736	.0004515	.0001150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.850	63556.79	12088.05	2204.000	4074.085
Stddev	11.378	276.90	89.95	19.140	8.638
%RSD	.3911601	.4356688	.7441637	.8684034	.2120223
#1	2918.516	63695.37	12032.42	2215.412	4081.115
#2	2911.723	63737.03	12039.89	2214.684	4076.699
#3	2896.310	63237.96	12191.83	2181.903	4064.443

Sample Name: PB168167BS Acquired: 5/30/2025 16:47:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8062717	2.049965	.9763817	2.050754	.7954257	1.962123
Stddev	.0054201	.025925	.0024081	.006596	.0014769	.012968
%RSD	.6722359	1.264676	.2466314	.3216373	.1856728	.6609016

#1	.8018842	2.020589	.9738832	2.048975	.7944364	1.973296
#2	.8046003	2.059664	.9786878	2.045230	.7947174	1.947903
#3	.8123306	2.069643	.9765739	2.058057	.7971234	1.965169

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1884494	.2060691	.1991565	1.006550	.4125270	.1999824
Stddev	.0005420	.0009439	.0002535	.008425	.0008113	.0001616
%RSD	.2876360	.4580626	.1272735	.8370531	.1966655	.0808241

#1	.1887756	.2071558	.1992875	1.015111	.4121152	.2000764
#2	.1878237	.2054534	.1988643	.998268	.4120042	.1997957
#3	.1887489	.2055980	.1993176	1.006270	.4134616	.2000750

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3160764	3.005678	.1979118	1.918494	.5014979	.0755342
Stddev	.0009074	.004717	.0006464	.039092	.0007450	.0003764
%RSD	.2870895	.1569489	.3266229	2.037643	.1485620	.4982709

#1	.3152633	3.002151	.1982619	1.956412	.5021917	.0759344
#2	.3159108	3.003846	.1971659	1.920745	.5015915	.0754811
#3	.3170553	3.011036	.1983077	1.878325	.5007105	.0751873

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.724523	.2963858	.1939197	9.455836	.2970566	.4012595
Stddev	.013989	.0017259	.0008865	.023103	.0021738	.0009634
%RSD	.5134454	.5823277	.4571287	.2443254	.7317800	.2400858

#1	2.713111	.2983433	.1944635	9.430382	.2995666	.4002817
#2	2.720329	.2950832	.1943989	9.461645	.2958125	.4012892
#3	2.740130	.2957307	.1928968	9.475479	.2957905	.4022077

Sample Name: PB168167BS Acquired: 5/30/2025 16:47:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6748887	.1881607	.8098876	5.704173	F -.004602	.1994868
Stddev	.0017513	.0003056	.0049036	.012408	.001701	.0017591
%RSD	.2594947	.1624006	.6054671	.2175209	36.97621	.8818389

#1	.6743689	.1878688	.8155183	5.690980	-.006138	.1977321
#2	.6734561	.1884783	.8065558	5.705929	-.002773	.1994779
#3	.6768410	.1881351	.8075888	5.715609	-.004894	.2012504

Elem	Sr4077
Units	ppm
Avg	.1910288
Stddev	.0009828
%RSD	.5145007

#1	.1912628
#2	.1899501
#3	.1918735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.824	62016.11	11749.28	2138.740	4066.770
Stddev	14.383	64.11	28.57	2.833	13.367
%RSD	.4963316	.1033717	.2431553	.1324445	.3286912

#1	2911.340	62053.09	11718.06	2141.066	4078.492
#2	2899.424	61942.09	11755.68	2139.570	4069.606
#3	2882.708	62053.16	11774.11	2135.586	4052.213

Sample Name: CCV02 Acquired: 5/30/2025 16:52:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.139242	5.159418	5.030485	5.207186	5.131631	10.01016	9.860084
Stddev	.008572	.043254	.004336	.025679	.026004	.03177	.038755
%RSD	.1667939	.8383574	.0861914	.4931369	.5067373	.3174148	.3930541

#1	5.137358	5.193465	5.028350	5.190455	5.105517	10.03686	9.829020
#2	5.131768	5.110747	5.027630	5.194351	5.131853	10.01861	9.847720
#3	5.148599	5.174041	5.035474	5.236751	5.157523	9.97502	9.903513

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486778	2.511917	24.64111	1.024337	2.510087	1.289578	5.254417
Stddev	.0012238	.002845	.05653	.001545	.003223	.005010	.027668
%RSD	.4921241	.1132411	.2294172	.1507997	.1284080	.3884802	.5265752

#1	.2480213	2.509765	24.66454	1.023868	2.507391	1.286633	5.257420
#2	.2500898	2.510843	24.68215	1.026061	2.509214	1.286739	5.225369
#3	.2479224	2.515142	24.57663	1.023080	2.513657	1.295362	5.280461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.453445	24.50898	2.513611	1.287944	25.95737	2.490886	2.607867
Stddev	.004767	.05115	.003511	.002116	.14892	.006088	.027116
%RSD	.1943133	.2086900	.1396692	.1642554	.5737018	.2444136	1.039787

#1	2.449821	24.49895	2.510405	1.285945	25.98374	2.489101	2.580712
#2	2.458846	24.56441	2.513066	1.290159	25.79704	2.497667	2.634944
#3	2.451669	24.46360	2.517362	1.287728	26.09135	2.485890	2.607946

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.39750	4.895536	5.123056	5.045768	4.914998	5.256929	4.927028
Stddev	.13021	.029189	.013403	.011710	.007600	.014874	.009580
%RSD	.4932628	.5962469	.2616143	.2320746	.1546308	.2829497	.1944343

#1	26.44968	4.874313	5.114487	5.042095	4.914196	5.255800	4.933259
#2	26.24929	4.928824	5.116181	5.036335	4.922967	5.242651	4.915997
#3	26.49353	4.883471	5.138501	5.058874	4.907830	5.272335	4.931829

Sample Name: CCV02 Acquired: 5/30/2025 16:52:00 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.061087	4.948132	4.990874
Stddev	.008249	.006894	.046223
%RSD	.1629834	.1393352	.9261521

#1	5.052848	4.955544	4.955251
#2	5.061069	4.946943	5.043107
#3	5.069345	4.941910	4.974264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2808.749	59803.20	11784.12	2044.813	3801.970
Stddev	9.860	68.82	54.84	6.905	7.937
%RSD	.3510569	.1150854	.4653734	.3376762	.2087696

#1	2816.443	59881.30	11797.59	2051.229	3807.190
#2	2812.171	59776.85	11723.80	2037.506	3805.885
#3	2797.634	59751.43	11830.97	2045.703	3792.836

Sample Name: CCB02 Acquired: 5/30/2025 16:56:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001235	-.002173	-.000708	.0024012	-.000935	.0118136	-.001764
Stddev	.000967	.002300	.000844	.0023637	.001340	.0061475	.000505
%RSD	78.27957	105.8395	119.2393	98.43510	143.2655	52.03765	28.64192

#1	-.002258	.000474	-.001160	.0043657	-.000203	.0068663	-.002294
#2	-.001109	-.003316	.000266	-.000222	-.002482	.0186958	-.001288
#3	-.000337	-.003676	-.001230	.003060	-.000121	.0098788	-.001711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000366	.0000262	.0057858	.0004110	.0003063	.0002102	.0041964
Stddev	.0000164	.0000504	.0013130	.0002710	.0001337	.0000556	.0036231
%RSD	44.83642	192.2573	22.69411	65.94887	43.65826	26.47386	86.33665

#1	.0000408	-.000026	.0042732	.0007179	.0004081	.0002111	.0057565
#2	.0000185	.000074	.0064521	.0002046	.0001548	.0002653	.0000547
#3	.0000505	.000031	.0066320	.0003105	.0003559	.0001541	.0067782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007229	-.026540	.0006815	.0002057	-.083972	-.000013	.0026224
Stddev	.0003917	.003250	.0001094	.0005692	.011880	.001112	.0002208
%RSD	54.18405	12.24585	16.05538	276.7611	14.14815	8284.391	8.419694

#1	.0008882	-.027380	.0006241	-.000451	-.095882	-.001223	.0023924
#2	.0002757	-.029288	.0006128	.000526	-.083913	.000218	.0028326
#3	.0010049	-.022953	.0008077	.000543	-.072121	.000964	.0026422

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012005	.0097794	.0005847	.0032116	.0006093	.0074334	.0001999
Stddev	.024774	.0004326	.0002567	.0003284	.0002865	.0052109	.0026429
%RSD	206.3722	4.423367	43.89803	10.22586	47.01013	70.10121	1321.914

#1	.001097	.0094321	.0005723	.0033784	.0008382	.0072034	.0009972
#2	-.040579	.0102639	.0008473	.0028333	.0007017	.0127555	.0023525
#3	.003467	.0096420	.0003345	.0034231	.0002881	.0023413	-.002750

Sample Name: CCB02 Acquired: 5/30/2025 16:56:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008359	-.000660	.0000607
Stddev	.0015890	.000470	.0000839
%RSD	190.0960	71.17250	138.1777
#1	-.000827	-.000270	.0001561
#2	.002339	-.000529	-.000001
#3	.000995	-.001181	.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.426	62963.38	12034.65	2148.403	4159.536
Stddev	4.563	358.37	17.61	11.362	6.728
%RSD	.1554535	.5691744	.1463081	.5288764	.1617480
#1	2934.383	63376.95	12053.69	2161.518	4159.058
#2	2940.420	62768.85	12031.34	2141.523	4166.490
#3	2931.474	62744.34	12018.94	2142.168	4153.060

Sample Name: PB168117BL Acquired: 5/30/2025 17:00:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009357	-.003029	-.001488	.0020573	-.000311	.0061285	-.001665
Stddev	.0007400	.000540	.000938	.0006279	.000811	.0034324	.000826
%RSD	79.08311	17.82563	63.04163	30.52149	260.6043	56.00796	49.61113

#1	.0001473	-.002804	-.001456	.0022971	.000111	.0087546	-.001728
#2	.0010447	-.002638	-.002441	.0025299	-.001246	.0073863	-.000809
#3	.0016152	-.003646	-.000566	.0013448	.000202	.0022446	-.002457

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000470	-.000058	.0079388	.0000521	.0000218	-.000022	.0056618
Stddev	.0000344	.000061	.0040233	.0002397	.0001422	.000073	.0014349
%RSD	73.17890	104.8913	50.67932	460.0678	652.1959	334.7747	25.34247

#1	.0000581	-.000038	.0054052	-.000170	-.000104	-.000034	.0069716
#2	.0000084	-.000126	.0125779	.000306	.000176	.000057	.0041282
#3	.0000744	-.000010	.0058332	.000019	-.000006	-.000088	.0058857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000270	-.024525	.0000906	-.000004	-.063391	-.000301	.0003730
Stddev	.000229	.017627	.0002154	.000278	.002764	.002064	.0000557
%RSD	84.86023	71.87511	237.6329	7758.703	4.359898	686.1319	14.93968

#1	-.000006	-.038008	.0000109	-.000240	-.063704	.002002	.0003091
#2	-.000417	-.030989	-.000073	.000302	-.065986	-.000918	.0003981
#3	-.000388	-.004578	.000335	-.000074	-.060485	-.001987	.0004118

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176343	.0060219	.0001369	.0000738	.0003666	.0032079	.0005198
Stddev	.0123289	.0005441	.0001313	.0002653	.0001008	.0079763	.0028897
%RSD	69.91447	9.035322	95.86037	359.3356	27.49926	248.6473	555.9014

#1	.0076590	.0066033	.0001074	.0003376	.0002716	.0110763	.0003172
#2	.0314181	.0055250	.0000230	.0000769	.0003560	-.004872	-.002263
#3	.0138257	.0059375	.0002805	-.000193	.0004724	.003420	.003505

Sample Name: PB168117BL Acquired: 5/30/2025 17:00:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004703	.0001381	.0000126
Stddev	.0016401	.0007922	.0001107
%RSD	348.7046	573.7217	878.9787
#1	-.001408	-.000489	.0000677
#2	.001617	.001028	-.000115
#3	.001202	-.000125	.000085

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2939.962	62139.24	12470.00	2123.830	4170.319
Stddev	13.141	258.58	24.73	10.051	12.822
%RSD	.4469726	.4161282	.1983145	.4732468	.3074513
#1	2945.941	62071.37	12455.60	2114.196	4175.820
#2	2949.050	61921.36	12455.85	2123.043	4179.472
#3	2924.895	62424.98	12498.56	2134.251	4155.664

Sample Name: PB168117BS Acquired: 5/30/2025 17:04:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8382094	2.106872	1.002738	2.143467	.8552971	1.938663
Stddev	.0017469	.015878	.007742	.013362	.0060942	.012228
%RSD	.2084059	.7536344	.7721324	.6233628	.7125281	.6307216

#1	.8393001	2.109740	1.000615	2.138558	.8517150	1.926714
#2	.8361946	2.089755	.996278	2.133255	.8518426	1.951151
#3	.8391336	2.121120	1.011320	2.158589	.8623338	1.938123

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927354	.1941777	.2058527	1.011019	.4177497	.2048572
Stddev	.0012032	.0001861	.0009705	.002368	.0010645	.0009633
%RSD	.6243029	.0958361	.4714574	.2342047	.2548232	.4702331

#1	.1917421	.1941148	.2061750	1.008440	.4166315	.2050223
#2	.1940734	.1940312	.2047620	1.011524	.4187508	.2038220
#3	.1923907	.1943871	.2066210	1.013095	.4178668	.2057273

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3248323	3.255260	.1975876	1.908384	.5182016	.0760954
Stddev	.0013065	.019584	.0007673	.020239	.0026477	.0001970
%RSD	.4022160	.6016128	.3883287	1.060526	.5109383	.2589483

#1	.3241363	3.269272	.1981454	1.888677	.5191434	.0762665
#2	.3240211	3.263625	.1979047	1.929116	.5152117	.0761397
#3	.3263395	3.232882	.1967126	1.907359	.5202496	.0758800

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.984169	.2947058	.1993235	10.15877	.2852544	.4261151
Stddev	.014725	.0006608	.0025747	.07578	.0003739	.0029507
%RSD	.4934237	.2242248	1.291728	.7459298	.1310635	.6924628

#1	2.970725	.2939674	.1967225	10.08520	.2855182	.4249104
#2	2.999905	.2949084	.1993768	10.23658	.2848266	.4239573
#3	2.981876	.2952416	.2018711	10.15454	.2854184	.4294775

Sample Name: PB168117BS Acquired: 5/30/2025 17:04:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7259489	.1970539	.9130501	6.033357	F -.002913	.1969146
Stddev	.0029852	.0008425	.0126442	.035827	.003874	.0009339
%RSD	.4112087	.4275257	1.384834	.5938144	132.9917	.4742742

#1	.7276751	.1967715	.9100758	6.027736	-.006204	.1958365
#2	.7225019	.1980012	.9021582	6.000673	.001356	.1974302
#3	.7276697	.1963888	.9269163	6.071662	-.003891	.1974770

Elem	Sr4077
Units	ppm
Avg	.1931157
Stddev	.0005308
%RSD	.2748500

#1	.1926029
#2	.1936628
#3	.1930814

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.972	61248.48	12540.00	2124.677	3916.779
Stddev	14.056	44.71	12.86	5.436	19.317
%RSD	.4988080	.0730040	.1025208	.2558336	.4931858

#1	2828.834	61237.75	12528.81	2124.823	3924.346
#2	2822.985	61210.10	12554.04	2119.170	3931.166
#3	2802.096	61297.58	12537.15	2130.038	3894.824

Sample Name: Q2101-01 Acquired: 5/30/2025 17:08:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885590	-.050101	.1493586	.0069980	.0683618	59.24233
Stddev	.0014583	.003549	.0007877	.0041202	.0015069	.08804
%RSD	1.646650	7.082930	.5274169	58.87731	2.204278	.1486083

#1	.0869293	-.048003	.1490142	.0030092	.0696679	59.25310
#2	.0897407	-.048101	.1502598	.0067466	.0687044	59.32449
#3	.0890071	-.054198	.1488016	.0112382	.0667131	59.14940

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1611084	.0104069	.0027752	8.027859	.1202569	.0722317
Stddev	.0011694	.0000215	.0001648	.011910	.0002363	.0000284
%RSD	.7258644	.2064058	5.938177	.1483576	.1964769	.0392918

#1	.1621099	.0104210	.0028923	8.019789	.1204304	.0722566
#2	.1613919	.0103822	.0028466	8.022251	.1203525	.0722008
#3	.1598232	.0104176	.0025868	8.041538	.1199878	.0722377

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1912714	263.9262	.9396191	8.147196	.0915115	.0000863
Stddev	.0012941	1.2582	.0021663	.034494	.0002673	.0000933
%RSD	.6765657	.4767304	.2305518	.4233825	.2920980	108.1170

#1	.1927646	263.7155	.9377813	8.123696	.0918045	.0000668
#2	.1904747	262.7867	.9420076	8.186796	.0914493	.0000043
#3	.1905750	265.2765	.9390683	8.131094	.0912808	.0001878

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.455115	.3111757	.2629995	6.283248	.0618627	.0011958
Stddev	.005180	.0008588	.0014300	.032433	.0095134	.0001916
%RSD	.2109913	.2759707	.5437435	.5161786	15.37825	16.02048

#1	2.449552	.3103051	.2616679	6.265251	.0631711	.0010552
#2	2.455991	.3120221	.2645110	6.263805	.0517628	.0011183
#3	2.459800	.3111998	.2628196	6.320689	.0706542	.0014140

Sample Name: Q2101-01 Acquired: 5/30/2025 17:08:53 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070918	2.266577	F 16.14253	4.024960	1.579877	.1842331
Stddev	.0006391	.003704	.10869	.011956	.003252	.0009464
%RSD	9.011793	.1634081	.6733439	.2970555	.2058348	.5136854

#1	.0077937	2.266963	16.14383	4.037918	1.581257	.1834838
#2	.0069383	2.270073	16.03319	4.022610	1.582211	.1839188
#3	.0065435	2.262696	16.25057	4.014354	1.576162	.1852966

Elem	Sr4077
Units	ppm
Avg	-.208982
Stddev	.001315
%RSD	.6291890

#1	-.208833
#2	-.207748
#3	-.210365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3096.249	67405.08	13422.72	2289.416	3845.323
Stddev	11.964	158.74	59.43	5.554	8.630
%RSD	.3864160	.2355001	.4427937	.2425829	.2244285

#1	3082.434	67524.52	13450.67	2285.089	3836.299
#2	3103.022	67465.77	13354.46	2295.679	3846.173
#3	3103.289	67224.95	13463.03	2287.480	3853.496

Sample Name: Q2101-01DUP Acquired: 5/30/2025 17:12:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1083446	-.071652	.1226612	.0012194	.0073703	87.87941
Stddev	.0024771	.003741	.0025808	.0020725	.0006059	.15856
%RSD	2.286308	5.220647	2.103984	169.9604	8.221516	.1804247

#1	.1062221	-.075189	.1214569	.0027049	.0078495	87.99649
#2	.1110664	-.067736	.1256240	.0021015	.0066892	87.69898
#3	.1077454	-.072031	.1209027	-.001148	.0075723	87.94277

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2463226	.0177830	.0098423	9.669433	.1919682	.2048606
Stddev	.0012032	.0000642	.0002516	.020396	.0008141	.0009069
%RSD	.4884857	.3609671	2.556225	.2109330	.4240884	.4426797

#1	.2464014	.0177301	.0098919	9.687104	.1910345	.2049661
#2	.2450818	.0178544	.0095696	9.647115	.1923406	.2039056
#3	.2474845	.0177646	.0100654	9.674081	.1925295	.2057101

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2535218	374.9656	2.256422	14.52237	.1691475	-.002982
Stddev	.0004220	1.0193	.004797	.05036	.0008252	.000468
%RSD	.1664686	.2718426	.2125882	.3467952	.4878628	15.69271

#1	.2537776	373.9849	2.261925	14.57749	.1690062	-.003519
#2	.2530347	376.0196	2.254218	14.47876	.1684021	-.002762
#3	.2537531	374.8922	2.253124	14.51085	.1700343	-.002664

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.008556	.4142443	.3450426	8.660933	.0444988	.0007527
Stddev	.021659	.0028433	.0015196	.051507	.0035108	.0001125
%RSD	1.078341	.6863843	.4404091	.5947032	7.889558	14.95004

#1	1.986062	.4144049	.3435460	8.607780	.0405889	.0008000
#2	2.029270	.4113241	.3449974	8.664401	.0455264	.0006243
#3	2.010337	.4170039	.3465842	8.710618	.0473810	.0008339

Sample Name: Q2101-01DUP Acquired: 5/30/2025 17:12:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047421	3.352438	F 17.23520	7.755795	.8000120	.2717485
Stddev	.0015910	.006095	.06367	.011481	.0020544	.0012565
%RSD	33.55110	.1818029	.3693985	.1480375	.2567914	.4623639

#1	.0065780	3.356291	17.20496	7.748072	.8000361	.2712249
#2	.0038822	3.345411	17.30835	7.750325	.8020542	.2731821
#3	.0037660	3.355612	17.19229	7.768989	.7979457	.2708385

Elem	Sr4077
Units	ppm
Avg	-.311568
Stddev	.001079
%RSD	.3462644

#1	-.310614
#2	-.312739
#3	-.311352

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.290	71383.76	14267.35	2457.322	3739.378
Stddev	5.956	261.93	42.64	6.725	8.141
%RSD	.1790993	.3669354	.2988946	.2736816	.2177078

#1	3331.043	71458.05	14222.06	2464.700	3741.520
#2	3325.676	71092.71	14273.25	2451.535	3746.234
#3	3319.151	71600.53	14306.74	2455.732	3730.380

Sample Name: Q2101-01LX5 Acquired: 5/30/2025 17:17:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187637	-.011705	.0287886	.0014822	.0128068	12.54370	.0343944
Stddev	.0012357	.003159	.0010945	.0015770	.0013407	.02113	.0001191
%RSD	6.585828	26.98594	3.802023	106.3923	10.46899	.1684154	.3462276

#1	.0196591	-.012595	.0275254	.0029032	.0127474	12.54665	.0344692
#2	.0192781	-.014322	.0293839	-.000214	.0114968	12.56320	.0344568
#3	.0173538	-.008196	.0294565	.001758	.0141763	12.52126	.0342571

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024042	-.000411	1.719134	.0267125	.0140169	.0423567	55.85380
Stddev	.0000267	.000096	.002958	.0000960	.0001392	.0003453	.55805
%RSD	1.108687	23.47321	.1720563	.3594329	.9928828	.8151879	.9991269

#1	.0024325	-.000356	1.721203	.0268150	.0140867	.0420000	55.56567
#2	.0024004	-.000522	1.715746	.0266978	.0138567	.0423809	56.49703
#3	.0023796	-.000354	1.720452	.0266247	.0141074	.0426893	55.49872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2011241	1.745996	.0179406	-.000390	.4398343	.0672091	.0679747
Stddev	.0007122	.029582	.0001504	.000195	.0081262	.0010182	.0006847
%RSD	.3541046	1.694293	.8382447	50.05698	1.847558	1.515040	1.007243

#1	.2019011	1.731978	.0178276	-.000271	.4491624	.0660342	.0682219
#2	.2005024	1.779981	.0178829	-.000616	.4342902	.0678354	.0685015
#3	.2009688	1.726029	.0181113	-.000284	.4360501	.0677577	.0672008

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.262875	.0090408	.0001396	.0001288	.4802041	3.364248	.8101784
Stddev	.013829	.0034383	.0000938	.0007706	.0014554	.054792	.0113289
%RSD	1.095054	38.03118	67.17407	598.1456	.3030848	1.628646	1.398320

#1	1.250223	.0074373	.0000987	-.000302	.4813164	3.332175	.8020336
#2	1.277638	.0129880	.0000732	-.000330	.4807390	3.427514	.8053855
#3	1.260765	.0066971	.0002469	.001018	.4785569	3.333055	.8231159

Sample Name: Q2101-01LX5 Acquired: 5/30/2025 17:17:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3133466	.0381275	-.044287
Stddev	.0031467	.0009742	.000556
%RSD	1.004220	2.555113	1.254805
#1	.3168764	.0375225	-.043937
#2	.3108353	.0392513	-.044927
#3	.3123282	.0376086	-.043996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2998.561	63590.28	12393.72	2215.132	4065.371
Stddev	7.309	380.62	63.15	12.640	5.785
%RSD	.2437652	.5985528	.5095627	.5706070	.1422898
#1	3000.224	63616.02	12343.90	2209.221	4065.586
#2	3004.895	63197.44	12464.75	2206.530	4071.045
#3	2990.563	63957.38	12372.50	2229.644	4059.482

Sample Name: Q2101-01MS Acquired: 5/30/2025 17:21:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7805376	1.924354	1.078837	1.580636	.3887477	95.44276	.3781030
Stddev	.0010608	.007475	.004542	.004832	.0024625	.07501	.0018048
%RSD	.1359093	.3884336	.4210081	.3056690	.6334313	.0785933	.4773209

#1	.7795747	1.919239	1.083476	1.576836	.3897086	95.45806	.3772392
#2	.7803632	1.920891	1.074399	1.578999	.3905848	95.50895	.3801773
#3	.7816748	1.932933	1.078635	1.586074	.3859496	95.36128	.3768925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1914633	.2125321	10.26127	.5703796	.3223749	.5100838	353.2802
Stddev	.0003446	.0001450	.02410	.0019137	.0005971	.0001750	1.5178
%RSD	.1799823	.0682358	.2348274	.3355143	.1852091	.0343015	.4296359

#1	.1916866	.2125051	10.26426	.5688524	.3216940	.5098967	353.0237
#2	.1916370	.2126888	10.28374	.5697600	.3228091	.5101111	351.9069
#3	.1910665	.2124026	10.23582	.5725263	.3226217	.5102435	354.9099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.329292	13.31361	.6759223	.0591704	4.463095	.6918252	.5030629
Stddev	.003898	.03351	.0009292	.0004547	.034791	.0044856	.0058222
%RSD	.2932588	.2516635	.1374679	.7684180	.7795173	.6483746	1.157346

#1	1.327023	13.35160	.6749758	.0594013	4.438620	.6960182	.4965968
#2	1.333793	13.30098	.6768331	.0586467	4.447746	.6923621	.5047022
#3	1.327059	13.28826	.6759581	.0594633	4.502921	.6870953	.5078897

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.99129	.1695739	.3390499	.7015417	3.302424	6.716047	13.09348
Stddev	.07826	.0061122	.0010499	.0025841	.006059	.036281	.03215
%RSD	.4894180	3.604452	.3096720	.3683476	.1834770	.5402146	.2455634

#1	15.96137	.1715503	.3381048	.6999265	3.298489	6.745221	13.06665
#2	15.93240	.1627180	.3388647	.7001765	3.309401	6.675422	13.08468
#3	16.08010	.1744533	.3401801	.7045221	3.299381	6.727497	13.12912

Sample Name: Q2101-01MS Acquired: 5/30/2025 17:21:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9433330	.4428946	-.122779
Stddev	.0052747	.0010153	.001492
%RSD	.5591543	.2292458	1.215449
#1	.9434871	.4424262	-.123058
#2	.9379829	.4421980	-.121167
#3	.9485289	.4440595	-.124112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3341.089	71839.13	13588.14	2446.651	3776.522
Stddev	6.456	161.09	58.92	7.377	2.547
%RSD	.1932333	.2242382	.4336128	.3015333	.0674387
#1	3347.219	71727.13	13561.37	2447.960	3778.707
#2	3341.697	72023.75	13547.36	2453.286	3773.725
#3	3334.350	71766.52	13655.69	2438.706	3777.133

Sample Name: Q2101-01MSD Acquired: 5/30/2025 17:25:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7783033	1.899262	1.050051	1.592201	.3013307	92.61908
Stddev	.0030198	.011230	.003099	.008430	.0028157	.14463
%RSD	.3879939	.5912924	.2951020	.5294835	.9344335	.1561533

#1	.7756832	1.902110	1.049559	1.583208	.2985246	92.78385
#2	.7816059	1.886882	1.047228	1.593473	.3013117	92.51311
#3	.7776207	1.908794	1.053366	1.599924	.3041559	92.56029

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3709787	.1685364	.2008842	9.664592	.5077499	.3057774
Stddev	.0010442	.0001547	.0010549	.024428	.0025923	.0011967
%RSD	.2814628	.0918192	.5251040	.2527586	.5105544	.3913767

#1	.3721838	.1684487	.1997456	9.691485	.5052758	.3046523
#2	.3704099	.1687151	.2010786	9.658515	.5104462	.3056452
#3	.3703425	.1684454	.2018283	9.643776	.5075278	.3070348

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4835259	365.3514	1.184805	11.90968	.6497085	.0692295
Stddev	.0017176	.7014	.006146	.02820	.0020733	.0005016
%RSD	.3552164	.1919922	.5187516	.2367974	.3191056	.7246099

#1	.4820819	366.1610	1.190552	11.87745	.6479617	.0697997
#2	.4830705	364.9681	1.185537	11.92982	.6491641	.0688562
#3	.4854252	364.9251	1.178325	11.92178	.6519996	.0690325

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.705767	.6837697	.4844059	16.76995	.3565090	.3220789
Stddev	.019237	.0041442	.0020521	.04373	.0016775	.0008478
%RSD	.4087915	.6060791	.4236399	.2607428	.4705247	.2632365

#1	4.727081	.6837206	.4866405	16.81539	.3549480	.3212937
#2	4.689693	.6879383	.4839714	16.72816	.3562964	.3219650
#3	4.700527	.6796503	.4826059	16.76631	.3582827	.3229779

Sample Name: Q2101-01MSD Acquired: 5/30/2025 17:25:19 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6840129	3.242348	F 17.61183	12.61768	.9899764	.4288899
Stddev	.0012811	.012104	.03118	.04685	.0051027	.0005492
%RSD	.1872897	.3733059	.1770279	.3712749	.5154310	.1280542

#1	.6827595	3.256001	17.64520	12.58043	.9869860	.4295147
#2	.6839592	3.238109	17.58344	12.60234	.9870750	.4284838
#3	.6853200	3.232933	17.60686	12.67028	.9958682	.4286710

Elem	Sr4077
Units	ppm
Avg	-.136501
Stddev	.000288
%RSD	.2112599

#1	-.136172
#2	-.136710
#3	-.136622

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.708	70500.33	14862.35	2389.554	3715.121
Stddev	7.276	96.33	3.61	8.524	10.111
%RSD	.2257744	.1366358	.0242814	.3567026	.2721601

#1	3228.701	70577.96	14860.92	2381.826	3723.655
#2	3224.811	70530.51	14859.67	2388.140	3717.753
#3	3214.612	70392.53	14866.45	2398.697	3703.954

Sample Name: Q2101-01A Acquired: 5/30/2025 17:29:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7950092	1.885505	1.374110	1.728229	.8001377	60.01809
Stddev	.0042895	.013177	.000594	.005114	.0024423	.40579
%RSD	.5395491	.6988498	.0431966	.2958882	.3052309	.6761070

#1	.7913488	1.888348	1.373604	1.726730	.8010303	60.22444
#2	.7939496	1.871139	1.373961	1.724032	.7973746	60.27922
#3	.7997291	1.897028	1.374763	1.733924	.8020080	59.55059

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3323565	.1824304	.1965444	9.119412	.4967376	.2694662
Stddev	.0020025	.0008408	.0005029	.054511	.0050267	.0003009
%RSD	.6025265	.4609112	.2558919	.5977468	1.011942	.1116763

#1	.3329594	.1826715	.1964688	9.120754	.4964427	.2691345
#2	.3339884	.1831243	.1960835	9.173239	.5019052	.2695424
#3	.3301218	.1814953	.1970808	9.064241	.4918648	.2697217

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4587480	266.7519	1.103669	9.878592	.7092795	.0714910
Stddev	.0027112	2.8673	.006529	.061934	.0004518	.0007765
%RSD	.5909935	1.074887	.5915886	.6269562	.0636972	1.086146

#1	.4605721	266.4017	1.104231	9.882393	.7097316	.0713511
#2	.4556326	269.7782	1.109899	9.938538	.7088280	.0723279
#3	.4600394	264.0758	1.096877	9.814844	.7092789	.0707940

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.181023	.5718346	5.446268	18.83850	.3294417	.3819491
Stddev	.052316	.0050421	.068592	.22751	.0045743	.0003672
%RSD	1.009763	.8817382	1.259433	1.207709	1.388499	.0961369

#1	5.178296	.5763272	5.411941	18.84995	.3257628	.3822724
#2	5.234648	.5727953	5.525247	19.06007	.3345634	.3815499
#3	5.130123	.5663812	5.401616	18.60547	.3279988	.3820249

Sample Name: Q2101-01A Acquired: 5/30/2025 17:29:18 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7046146	2.410126	F 16.95314	9.487653	1.581870	.3652626
Stddev	.0013918	.014120	.21229	.030502	.005733	.0037699
%RSD	.1975267	.5858744	1.252195	.3214913	.3624236	1.032096

#1	.7030208	2.415573	16.94194	9.520826	1.576403	.3660884
#2	.7052324	2.420711	17.17080	9.481318	1.581370	.3685510
#3	.7055905	2.394093	16.74667	9.460817	1.587836	.3611482

Elem	Sr4077
Units	ppm
Avg	-.036218
Stddev	.001502
%RSD	4.147589

#1	-.035092
#2	-.037923
#3	-.035638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3126.563	66490.93	13343.59	2274.215	3867.535
Stddev	3.025	594.01	59.98	20.529	4.835
%RSD	.0967634	.8933684	.4494768	.9026960	.1250209

#1	3123.540	66575.59	13316.37	2285.920	3869.471
#2	3126.557	65859.14	13302.06	2250.510	3862.031
#3	3129.591	67038.07	13412.36	2286.215	3871.102

Sample Name: Q2100-01 Acquired: 5/30/2025 17:33:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1213534	-.179602	.1111763	-.013917	-.048184	53.82763	.1161690
Stddev	.0007742	.001905	.0012250	.002652	.003852	.15222	.0006034
%RSD	.6380103	1.060519	1.101878	19.05868	7.993579	.2827929	.5194504

#1	.1220707	-.177644	.1097917	-.015816	-.052172	53.72768	.1166897
#2	.1214568	-.179713	.1116183	-.015049	-.047894	54.00282	.1155077
#3	.1205326	-.181449	.1121191	-.010887	-.044485	53.75239	.1163095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167261	.0211290	14.24764	.2935315	.0631490	.5057370	952.0145
Stddev	.0001517	.0008409	.12150	.0014722	.0003141	.0025726	6.9991
%RSD	.9070766	3.979686	.8527656	.5015427	.4973935	.5086920	.7351851

#1	.0168971	.0203512	14.35942	.2920527	.0628138	.5043697	958.3378
#2	.0166736	.0210146	14.26517	.2935450	.0631970	.5041367	953.2115
#3	.0166076	.0220212	14.11832	.2949969	.0634365	.5087046	944.4941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.645942	1.988667	.0890032	-.028582	5.033617	.6401552	.4622810
Stddev	.014033	.001691	.0010977	.002360	.019719	.0040155	.0029864
%RSD	.5303696	.0850079	1.233315	8.255241	.3917436	.6272748	.6460035

#1	2.654524	1.987009	.0877358	-.026709	5.053816	.6441274	.4607357
#2	2.653556	1.990388	.0896548	-.027805	5.032617	.6402407	.4603839
#3	2.629748	1.988604	.0896188	-.031232	5.014417	.6360977	.4657234

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.366420	^ *****	-.005755	.0146993	1.214392	12.13328	4.520608
Stddev	.032934	-----	.000408	.0007639	.003034	.05768	.022064
%RSD	.9783225	-----	7.096131	5.196750	.2498621	.4753734	.4880703

#1	3.346702	^ -----	-.005953	.0155760	1.215082	12.14577	4.514313
#2	3.404441	^ -----	-.006025	.0141772	1.217022	12.07038	4.545134
#3	3.348118	^ -----	-.005285	.0143447	1.211073	12.18369	4.502375

Sample Name: Q2100-01 Acquired: 5/30/2025 17:33:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.775008	.4868194	-.852455
Stddev	.010897	.0031923	.006532
%RSD	.6139378	.6557488	.7662530
#1	1.763095	.4894747	-.858434
#2	1.777455	.4877059	-.853447
#3	1.784474	.4832775	-.845484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.250	65566.11	12758.46	2239.009	3683.110
Stddev	6.840	187.88	25.99	17.392	5.136
%RSD	.2276662	.2865568	.2037081	.7767559	.1394456
#1	2998.764	65400.10	12752.05	2225.256	3679.335
#2	3011.914	65770.07	12736.28	2258.559	3681.036
#3	3002.074	65528.15	12787.06	2233.213	3688.958

Sample Name: Q2100-02 Acquired: 5/30/2025 17:37:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1272863	-.130139	.3315631	-.007254	-.036593	71.88630	.3009372
Stddev	.0036028	.004765	.0034013	.002901	.002596	.12041	.0003041
%RSD	2.830436	3.661308	1.025836	39.98971	7.094432	.1675013	.1010506
#1	.1265330	-.135473	.3350249	-.009428	-.033613	71.80715	.3011608
#2	.1312061	-.126304	.3282257	-.003960	-.038364	71.82687	.3005909
#3	.1241197	-.128640	.3314388	-.008375	-.037802	72.02487	.3010598
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137044	.0157079	30.72698	.1670335	.0626361	.3442357	731.2907
Stddev	.0001146	.0005342	.02564	.0018963	.0003089	.0017736	4.9333
%RSD	.8359766	3.400944	.0834456	1.135307	.4932286	.5152206	.6746036
#1	.0137841	.0158113	30.72451	.1680050	.0625641	.3451738	733.3629
#2	.0135731	.0161830	30.70267	.1682472	.0623696	.3453433	725.6592
#3	.0137561	.0151296	30.75377	.1648482	.0629747	.3421901	734.8499
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.886843	10.36445	.0596998	-.019539	12.64250	.4181544	.2773942
Stddev	.003201	.05541	.0004136	.001486	.09435	.0021741	.0016582
%RSD	.1108863	.5346409	.6928059	7.607078	.7462949	.5199239	.5977777
#1	2.890130	10.39745	.0597330	-.018961	12.67203	.4186385	.2785521
#2	2.886665	10.30047	.0592705	-.021228	12.71855	.4157790	.2781358
#3	2.883735	10.39543	.0600958	-.018429	12.53692	.4200455	.2754946
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.918718	^ *****	-.002315	.0216707	.4441725	9.712024	3.184421
Stddev	.048229	-----	.000220	.0002816	.0015877	.029864	.020959
%RSD	.6970772	-----	9.519262	1.299649	.3574422	.3074972	.6581798
#1	6.882895	^ -----	-.002313	.0213732	.4442706	9.734875	3.202811
#2	6.973556	^ -----	-.002095	.0219332	.4457088	9.722964	3.188853
#3	6.899703	^ -----	-.002536	.0217058	.4425381	9.678233	3.161601

Sample Name: Q2100-02 Acquired: 5/30/2025 17:37:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.427527	.4167492	-.582707
Stddev	.024461	.0026169	.004853
%RSD	.2902478	.6279391	.8328669
#1	8.455722	.4179964	-.584815
#2	8.414884	.4137420	-.577156
#3	8.411975	.4185092	-.586150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2978.672	64936.83	12837.50	2223.960	3637.393
Stddev	3.485	22.78	46.89	6.345	3.698
%RSD	.1170016	.0350740	.3652863	.2852816	.1016770
#1	2982.533	64911.59	12866.92	2221.377	3634.375
#2	2977.726	64955.83	12862.16	2231.188	3641.519
#3	2975.759	64943.08	12783.43	2219.314	3636.286

Sample Name: CCV03 Acquired: 5/30/2025 17:41:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.077431	4.984298	5.023836	5.125501	5.110601	10.23577	9.790620
Stddev	.040783	.072191	.033373	.047933	.040371	.11773	.158196
%RSD	.8032193	1.448369	.6642926	.9351885	.7899425	1.150180	1.615788
#1	5.062690	4.964847	5.008765	5.094042	5.077986	10.18415	9.669484
#2	5.046068	4.923825	5.000656	5.101792	5.098063	10.37049	9.969596
#3	5.123535	5.064222	5.062086	5.180668	5.155753	10.15267	9.732779
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2719466	2.507768	25.29868	1.031438	2.511760	1.279045	4.906901
Stddev	.0027523	.014546	.31078	.001881	.013102	.009640	.036814
%RSD	1.012086	.5800527	1.228431	.1824110	.5216154	.7536503	.7502570
#1	.2715552	2.499950	25.19723	1.032750	2.504589	1.270843	4.867743
#2	.2748736	2.498801	25.64750	1.029282	2.503809	1.276629	4.940808
#3	.2694109	2.524551	25.05130	1.032281	2.526882	1.289662	4.912153
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.513888	25.61314	2.507409	1.291206	24.07635	2.528434	2.512583
Stddev	.027158	.40870	.015183	.001987	.17726	.023733	.021407
%RSD	1.080326	1.595654	.6055335	.1539120	.7362496	.9386491	.8519733
#1	2.510458	25.42507	2.500114	1.290633	24.18862	2.522899	2.488605
#2	2.542598	26.08202	2.497250	1.289568	23.87200	2.554446	2.529772
#3	2.488607	25.33234	2.524863	1.293417	24.16843	2.507958	2.519372
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.24841	5.387876	5.139450	5.024923	4.996181	4.984302	4.830607
Stddev	.14629	.057215	.034034	.035891	.041036	.016419	.033395
%RSD	.6032967	1.061923	.6622192	.7142509	.8213497	.3294069	.6913147
#1	24.29571	5.369083	5.117249	5.010853	4.986737	4.965624	4.815298
#2	24.08432	5.452124	5.122467	4.998199	5.041116	4.990825	4.807611
#3	24.36520	5.342421	5.178634	5.065717	4.960690	4.996456	4.868911

Sample Name: CCV03 Acquired: 5/30/2025 17:41:39 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.950823	5.118305	4.961234
Stddev	.040907	.027474	.061616
%RSD	.8262763	.5367705	1.241941
#1	4.926631	5.116468	4.918151
#2	4.927783	5.146651	5.031810
#3	4.998054	5.091796	4.933742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.886	60051.38	10769.46	2057.923	3856.373
Stddev	16.946	259.87	120.70	12.302	22.563
%RSD	.5969410	.4327539	1.120750	.5977883	.5850897
#1	2851.129	60324.53	10822.74	2071.844	3868.771
#2	2845.984	60022.41	10631.29	2048.513	3870.020
#3	2819.544	59807.21	10854.35	2053.414	3830.329

Sample Name: CCB03 Acquired: 5/30/2025 17:45:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000656	-.003866	-.000063	.0031545	.0010283	.0058998	-.000028
Stddev	.000847	.001421	.000606	.0034078	.0023510	.0060773	.000494
%RSD	129.1676	36.76676	966.1020	108.0280	228.6303	103.0083	1776.804
#1	.000317	-.005099	-.000540	.0027764	.0027421	-.000570	.000125
#2	-.001227	-.002311	-.000268	.0067356	-.001652	.011489	.000372
#3	-.001057	-.004186	.000620	-.000048	.001995	.006780	-.000580
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000196	.0000397	.0000907	.0002702	.0001902	.0009413	.0080941
Stddev	.0000500	.0000712	.0009485	.0002388	.0001650	.0003428	.0044389
%RSD	255.5814	179.4939	1045.860	88.36234	86.74299	36.41824	54.84214
#1	.0000512	-.000042	.0010454	.0001015	.0000977	.0010803	.0064264
#2	-.000038	.000089	-.000851	.0005434	.0003807	.0005508	.0131253
#3	.000046	.000072	.000078	.0001657	.0000922	.0011928	.0047304
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002254	-.008248	.0004736	.0000804	-.080366	.0002412	.0024155
Stddev	.0001705	.013931	.0003192	.0004569	.012583	.0007136	.0004340
%RSD	75.67226	168.9015	67.40078	568.3508	15.65727	295.8826	17.96539
#1	.0002796	-.003130	.0001201	.0006080	-.074255	-.000331	.0022026
#2	.0000343	.002400	.0007407	-.000185	-.072007	.000014	.0021290
#3	.0003621	-.024013	.0005600	-.000182	-.094838	.001041	.0029147
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302378	.0097100	.0007354	.0041580	.0006602	.0062157	.0008852
Stddev	.0116097	.0001105	.0003319	.0004103	.0004696	.0101716	.0021143
%RSD	38.39455	1.138349	45.13085	9.867030	71.12634	163.6423	238.8582
#1	.0335597	.0096375	.0004194	.0046290	.0011243	.0162281	-.000652
#2	.0398245	.0096552	.0010812	.0039665	.0006708	-.004108	.000011
#3	.0173293	.0098372	.0007055	.0038784	.0001854	.006527	.003296

Sample Name: CCB03 Acquired: 5/30/2025 17:45:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018173	-.000010	.0000938
Stddev	.0006076	.000386	.0000748
%RSD	33.43564	3921.694	79.76316
#1	.0015668	.000234	.0000581
#2	.0025101	-.000455	.0000434
#3	.0013749	.000191	.0001797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2961.472	62094.43	12283.05	2170.877	4130.106
Stddev	2.023	292.35	45.23	12.214	1.222
%RSD	.0682960	.4708075	.3682404	.5626153	.0295933
#1	2959.778	62431.77	12290.27	2182.090	4129.265
#2	2960.928	61914.94	12234.64	2172.679	4131.508
#3	2963.712	61936.58	12324.24	2157.863	4129.544

Sample Name: Q2100-03 Acquired: 5/30/2025 17:50:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1757858	-.110251	.4042232	.0010155	-.027389	56.72491	.3135909
Stddev	.0021035	.004015	.0023675	.0026976	.002361	.41709	.0038773
%RSD	1.196647	3.641706	.5856957	265.6384	8.618710	.7352888	1.236403
#1	.1737383	-.114219	.4060395	-.001609	-.024827	57.19291	.3178213
#2	.1756779	-.110342	.4050845	.000876	-.027862	56.58939	.3127452
#3	.1779413	-.106191	.4015456	.003780	-.029477	56.39243	.3102064
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093309	.0133489	33.41611	.2081092	.0463687	.3356246	473.3060
Stddev	.0000838	.0003971	.23280	.0015903	.0003487	.0021647	2.0865
%RSD	.8981742	2.974680	.6966564	.7641777	.7520178	.6449897	.4408332
#1	.0094169	.0129993	33.68166	.2072773	.0464241	.3331276	475.5506
#2	.0092495	.0137806	33.31943	.2099429	.0466864	.3369715	471.4255
#3	.0093264	.0132669	33.24722	.2071073	.0459956	.3367748	472.9418
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7518194	5.665152	.0445302	-.005998	13.53590	.4725817	.1957577
Stddev	.0044931	.060604	.0001453	.000493	.08516	.0051114	.0035144
%RSD	.5976239	1.069763	.3263721	8.225178	.6291216	1.081581	1.795294
#1	.7570071	5.734116	.0446285	-.005446	13.54834	.4784216	.1949463
#2	.7491714	5.640954	.0443633	-.006395	13.61415	.4689215	.1996069
#3	.7492797	5.620386	.0445989	-.006153	13.44520	.4704021	.1927200
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.530120	.0320707	-.000742	.0192954	.2628036	9.367918	2.185916
Stddev	.021321	.0037572	.000251	.0005027	.0017995	.064520	.003525
%RSD	.3265096	11.71542	33.86890	2.605143	.6847334	.6887293	.1612774
#1	6.515362	.0277408	-.000973	.0193386	.2645353	9.364902	2.182173
#2	6.554565	.0339991	-.000474	.0187725	.2629323	9.433892	2.189174
#3	6.520433	.0344721	-.000780	.0197750	.2609432	9.304959	2.186401

Sample Name: Q2100-03 Acquired: 5/30/2025 17:50:10 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.006766	.2774941	-.202294
Stddev	.004048	.0014597	.001473
%RSD	.1346346	.5260155	.7279874
#1	3.002095	.2790572	-.201928
#2	3.008938	.2761666	-.201039
#3	3.009264	.2772585	-.203916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.072	71704.16	14201.69	2491.005	3693.498
Stddev	7.708	148.59	121.53	1.427	4.970
%RSD	.2304204	.2072257	.8557558	.0572860	.1345557
#1	3351.323	71658.99	14064.61	2489.427	3693.923
#2	3336.460	71583.40	14296.26	2492.205	3688.329
#3	3347.433	71870.10	14244.19	2491.382	3698.241

Sample Name: Q2100-04 Acquired: 5/30/2025 17:54:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1401096	-.102102	.1835512	-.002136	-.028225	54.16123	.2393048
Stddev	.0036866	.004699	.0023672	.005895	.000300	.08384	.0013662
%RSD	2.631210	4.602597	1.289648	275.9211	1.064189	.1548024	.5708855

#1	.1436574	-.099598	.1810969	-.008641	-.028571	54.16817	.2405056
#2	.1362984	-.107524	.1837362	.002853	-.028034	54.07413	.2378185
#3	.1403729	-.099186	.1858204	-.000621	-.028070	54.24138	.2395903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088763	.0117544	11.62211	.1803318	.0296299	.2672080	544.6590
Stddev	.0001702	.0004306	.02293	.0001939	.0000918	.0014840	2.6231
%RSD	1.917104	3.662936	.1972920	.1075286	.3098577	.5553707	.4815950

#1	.0089820	.0117153	11.63190	.1801189	.0295694	.2660602	545.9708
#2	.0086800	.0113447	11.59592	.1803781	.0297355	.2666801	546.3674
#3	.0089668	.0122032	11.63853	.1804984	.0295847	.2688838	541.6388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8152962	5.521871	.0306253	-.008341	4.941866	.3368835	.1622896
Stddev	.0018714	.021067	.0005181	.000757	.010558	.0004254	.0020236
%RSD	.2295316	.3815245	1.691803	9.072852	.2136484	.1262617	1.246920

#1	.8157214	5.509619	.0307573	-.008064	4.943311	.3373212	.1638564
#2	.8132488	5.546197	.0300539	-.007761	4.930659	.3368576	.1600049
#3	.8169184	5.509796	.0310645	-.009197	4.951626	.3364717	.1630074

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.461129	-.005786	-.004647	.0142531	.1925037	9.866849	1.090428
Stddev	.006626	.008738	.000292	.0009323	.0005878	.004523	.006267
%RSD	.1025460	151.0126	6.279519	6.541120	.3053360	.0458398	.5747646

#1	6.457117	-.004495	-.004472	.0132356	.1930100	9.861988	1.097331
#2	6.457494	.002234	-.004984	.0144573	.1918591	9.870934	1.088861
#3	6.468777	-.015098	-.004485	.0150664	.1926418	9.867624	1.085094

Sample Name: Q2100-04 Acquired: 5/30/2025 17:54:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.389337	.3119299	-.434306
Stddev	.000618	.0014405	.002842
%RSD	.0445013	.4618112	.6544118
#1	1.389251	.3131079	-.435674
#2	1.389993	.3123578	-.436205
#3	1.388765	.3103238	-.431039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3316.007	69954.79	13743.56	2426.517	3811.288
Stddev	5.509	177.44	39.21	13.697	.455
%RSD	.1661245	.2536434	.2852662	.5644567	.0119384
#1	3321.510	70141.67	13774.38	2435.538	3810.775
#2	3310.492	69934.07	13756.88	2433.256	3811.447
#3	3316.019	69788.62	13699.44	2410.756	3811.642

Sample Name: Q2130-01 Acquired: 5/30/2025 17:58:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475771	-.052532	.1688802	.0040188	-.008035	100.3443	.4311491
Stddev	.0047081	.001086	.0012737	.0016116	.003046	.2475	.0012552
%RSD	9.895627	2.066952	.7542227	40.10209	37.90731	.2466962	.2911259

#1	.0437655	-.053340	.1676697	.0054503	-.008021	100.5680	.4325971
#2	.0461259	-.052958	.1702089	.0043329	-.011087	100.3866	.4303691
#3	.0528399	-.051298	.1687620	.0022733	-.004996	100.0783	.4304813

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076982	.0042138	48.10943	.1284116	.1389907	.5806697	257.1481
Stddev	.0000789	.0001713	.02378	.0002100	.0004756	.0032799	.6517
%RSD	1.025595	4.065416	.0494227	.1634971	.3421823	.5648470	.2534336

#1	.0076158	.0040310	48.08292	.1282582	.1386686	.5768825	257.6431
#2	.0077731	.0043706	48.11648	.1286509	.1387666	.5825926	256.4097
#3	.0077059	.0042399	48.12888	.1283257	.1395370	.5825339	257.3914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.522955	49.76544	.2448099	.0014464	6.295359	.4720431	.4182908
Stddev	.004153	.08610	.0010947	.0001281	.042502	.0023188	.0039707
%RSD	.1646232	.1730063	.4471772	8.857192	.6751343	.4912318	.9492783

#1	2.526282	49.68887	.2435845	.0013333	6.344099	.4718975	.4167537
#2	2.524283	49.74881	.2456913	.0015855	6.275963	.4698004	.4153184
#3	2.518300	49.85864	.2451538	.0014204	6.266015	.4744312	.4228003

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.864272	.5799548	.0036799	-.008807	6.976862	2.619154	4.815475
Stddev	.048126	.0037936	.0003617	.000964	.013885	.018326	.004912
%RSD	.8206598	.6541246	9.828369	10.94545	.1990083	.6997020	.1020103

#1	5.917808	.5807653	.0040936	-.008002	6.988988	2.635060	4.820724
#2	5.850407	.5758214	.0034235	-.009875	6.979882	2.599114	4.810989
#3	5.824600	.5832776	.0035227	-.008544	6.961716	2.623289	4.814712

Sample Name: Q2130-01 Acquired: 5/30/2025 17:58:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.297307	.2567734	.0393323
Stddev	.002726	.0007701	.0013292
%RSD	.1186695	.2998980	3.379434
#1	2.299864	.2575453	.0398010
#2	2.297619	.2560052	.0403637
#3	2.294438	.2567696	.0378322

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3102.751	66511.99	13605.28	2287.241	3675.280
Stddev	16.335	159.32	26.04	11.026	11.372
%RSD	.5264665	.2395300	.1913739	.4820853	.3094318
#1	3121.538	66329.41	13599.96	2284.410	3688.397
#2	3091.908	66583.85	13582.31	2277.905	3668.169
#3	3094.806	66622.73	13633.56	2299.406	3669.275

Sample Name: Q2136-01 Acquired: 5/30/2025 18:02:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823213	-.045574	.1745738	.0140329	-.015350	197.9173	.6066360
Stddev	.0027391	.003855	.0004528	.0022912	.002033	.1407	.0035156
%RSD	3.327348	8.459673	.2593703	16.32692	13.24528	.0710949	.5795307

#1	.0825715	-.048840	.1740639	.0114211	-.013167	198.0795	.6081831
#2	.0794656	-.041321	.1749290	.0157036	-.017189	197.8281	.6026121
#3	.0849267	-.046560	.1747285	.0149741	-.015694	197.8444	.6091127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092908	.0013513	8.725099	.1908690	.1269482	.2547451	345.7342
Stddev	.0000062	.0000978	.010057	.0008046	.0002733	.0009648	1.0369
%RSD	.0670086	7.235335	.1152626	.4215632	.2152591	.3787261	.2999070

#1	.0092943	.0012400	8.714187	.1904870	.1266333	.2539111	346.5246
#2	.0092836	.0014235	8.727114	.1903265	.1271222	.2558017	344.5602
#3	.0092945	.0013902	8.733995	.1917935	.1270892	.2545227	346.1178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.602146	38.31301	.2322617	.0067173	2.256724	.3392513	.4867936
Stddev	.008298	.20214	.0008017	.0003137	.024703	.0014749	.0046717
%RSD	.2303620	.5276018	.3451595	4.670336	1.094657	.4347577	.9596788

#1	3.601934	38.14626	.2313505	.0064863	2.253315	.3409525	.4869125
#2	3.593957	38.53783	.2325758	.0065911	2.233903	.3384706	.4820637
#3	3.610548	38.25493	.2328588	.0070745	2.282955	.3383308	.4914048

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.195986	.2147984	.0032468	.0062503	2.449557	4.017564	6.889234
Stddev	.019378	.0018193	.0003266	.0009977	.005986	.018112	.022778
%RSD	.3127528	.8469723	10.05944	15.96220	.2443718	.4508154	.3306382

#1	6.216799	.2167622	.0030097	.0053757	2.452368	4.029337	6.871191
#2	6.192698	.2131705	.0036193	.0073370	2.442683	3.996708	6.881683
#3	6.178463	.2144624	.0031113	.0060382	2.453620	4.026647	6.914830

Sample Name: Q2136-01 Acquired: 5/30/2025 18:02:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9352146	.3449050	-.259334
Stddev	.0033594	.0015254	.000593
%RSD	.3592089	.4422629	.2286182
#1	.9352912	.3461439	-.259925
#2	.9318176	.3432013	-.258739
#3	.9385351	.3453699	-.259337

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.951	67713.05	14851.36	2380.306	3800.582
Stddev	3.193	214.12	36.22	8.313	6.236
%RSD	.0971898	.3162174	.2438567	.3492574	.1640768
#1	3286.711	67581.87	14882.01	2371.295	3801.785
#2	3286.877	67960.14	14860.68	2381.946	3806.129
#3	3281.266	67597.15	14811.39	2387.677	3793.833

Sample Name: Q2137-01 Acquired: 5/30/2025 18:07:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826638	-.092659	.2173736	-.001561	-.003839	10.88136
Stddev	.0016346	.000800	.0014917	.002584	.000908	.00718
%RSD	1.977383	.8635285	.6862453	165.4616	23.65546	.0660269

#1	.0807822	-.091920	.2161639	-.003501	-.002822	10.88713
#2	.0837336	-.092548	.2169165	-.002554	-.004126	10.88362
#3	.0834756	-.093509	.2190404	.001371	-.004569	10.87331

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.26906	.0072064	.0046165	59.24007	2.296622	.0772321
Stddev	.12631	.0001268	.0007769	.30192	.006299	.0003112
%RSD	.4631829	1.760005	16.82857	.5096516	.2742602	.4029418

#1	27.12863	.0073193	.0039246	59.53057	2.299692	.0770599
#2	27.30518	.0072308	.0044680	58.92790	2.300797	.0775914
#3	27.37337	.0070692	.0054570	59.26172	2.289377	.0770452

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.371830	682.4000	3.471865	11.02122	1.035334	-.003497
Stddev	.014457	3.1003	.020407	.06244	.003025	.001096
%RSD	.4287689	.4543266	.5877769	.5665446	.2921984	31.35617

#1	3.371507	685.9800	3.489975	11.07113	1.037223	-.002235
#2	3.357537	680.6055	3.449754	10.95120	1.031845	-.004215
#3	3.386446	680.6146	3.475865	11.04132	1.036935	-.004041

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.69569	.1093230	6.595779	7.496862	.3454199	.4015806
Stddev	.10753	.0015218	.024310	.052982	.0120433	.0021562
%RSD	.5196006	1.392050	.3685696	.7067169	3.486571	.5369281

#1	20.81567	.1101574	6.622758	7.551992	.3581545	.4020423
#2	20.66342	.1102451	6.589005	7.492268	.3438915	.3992309
#3	20.60799	.1075665	6.575576	7.446327	.3342138	.4034685

Sample Name: Q2137-01 Acquired: 5/30/2025 18:07:01 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1823712	.5101307	3.252322	5.925889	F 42.30501	.4077260
Stddev	.0026632	.0027081	.011046	.017458	.10274	.0022552
%RSD	1.460302	.5308732	.3396384	.2946105	.2428558	.5531250

#1	.1843995	.5132377	3.260296	5.913828	42.27429	.4103293
#2	.1793553	.5082708	3.256957	5.917930	42.22113	.4064820
#3	.1833589	.5088835	3.239714	5.945908	42.41960	.4063668

Elem	Sr4077
Units	ppm
Avg	-.033522
Stddev	.002244
%RSD	6.692735

#1	-.036006
#2	-.032918
#3	-.031643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.883	58464.88	11640.25	1970.272	3724.231
Stddev	9.675	84.22	7.35	3.513	8.570
%RSD	.3580855	.1440491	.0631537	.1782925	.2301141

#1	2700.104	58414.00	11648.00	1967.919	3722.818
#2	2712.324	58418.54	11633.37	1968.586	3733.420
#3	2693.221	58562.09	11639.38	1974.309	3716.455

Sample Name: Q2138-01 Acquired: 5/30/2025 18:11:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645816	-.028254	.0698495	-.006538	.0020410	85.95077
Stddev	.0019863	.004525	.0007625	.003386	.0022747	.15050
%RSD	3.075598	16.01424	1.091688	51.78975	111.4468	.1751030

#1	.0627933	-.030114	.0701225	-.006511	.0019152	85.78394
#2	.0642320	-.023096	.0689880	-.009936	.0043760	85.99202
#3	.0667195	-.031552	.0704379	-.003165	-.000168	86.07634

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4188594	.0066160	.0015724	659.8500	.1402120	.0456640
Stddev	.0002006	.0001753	.0001956	3.2169	.0003691	.0003565
%RSD	.0478934	2.649989	12.44224	.4875131	.2632148	.7807648

#1	.4188148	.0064301	.0017465	660.3535	.1398428	.0459956
#2	.4186849	.0066395	.0013607	656.4111	.1402121	.0457096
#3	.4190786	.0067784	.0016101	662.7854	.1405809	.0452869

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850947	189.9169	1.223984	57.97474	.1015876	.0035572
Stddev	.0006808	1.2452	.002843	.19249	.0000911	.0011248
%RSD	.8000983	.6556393	.2322398	.3320168	.0896625	31.61995

#1	.0858612	188.4825	1.226671	57.75274	.1015457	.0025503
#2	.0845601	190.5485	1.221008	58.09502	.1015250	.0047711
#3	.0848628	190.7198	1.224272	58.07647	.1016921	.0033502

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4775061	.1419836	.2605215	4.366964	.2653437	.0035418
Stddev	.0242353	.0026083	.0020532	.012142	.0050167	.0000991
%RSD	5.075384	1.837074	.7880942	.2780418	1.890628	2.798901

#1	.4500786	.1397420	.2608919	4.371200	.2602891	.0034980
#2	.4864091	.1448464	.2583084	4.353271	.2703216	.0036553
#3	.4960307	.1413622	.2623642	4.376420	.2654202	.0034721

Sample Name: Q2138-01 Acquired: 5/30/2025 18:11:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000453	2.801221	F 14.14801	4.200172	F 33.47727	.0383052
Stddev	.000914	.004738	.12864	.011600	.07506	.0000688
%RSD	201.5699	.1691325	.9092192	.2761750	.2242057	.1796115

#1	.000558	2.802057	13.99949	4.204212	33.52419	.0382366
#2	-.000697	2.796121	14.22395	4.187093	33.39071	.0383742
#3	-.001221	2.805486	14.22060	4.209213	33.51693	.0383048

Elem	Sr4077
Units	ppm
Avg	.9983009
Stddev	.0016916
%RSD	.1694519

#1	1.000167
#2	.996869
#3	.997867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.991	57630.12	12965.34	2002.246	3336.064
Stddev	19.348	349.24	46.16	27.660	15.377
%RSD	.7160678	.6060082	.3560121	1.381429	.4609368

#1	2718.379	57978.88	12941.69	2029.105	3346.511
#2	2706.947	57631.08	13018.53	2003.782	3343.275
#3	2680.647	57280.40	12935.80	1973.850	3318.407

Sample Name: Q2139-01 Acquired: 5/30/2025 18:15:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001435	-.011974	.0381009	.0053137	.0014859	5.469682	.1080824
Stddev	.001740	.002721	.0011223	.0010454	.0016424	.001621	.0005906
%RSD	121.2977	22.72219	2.945573	19.67292	110.5336	.0296430	.5464078

#1	-.001718	-.014345	.0390817	.0062241	-.000399	5.467935	.1079325
#2	-.003016	-.009003	.0383442	.0055451	.002608	5.471139	.1087335
#3	.000430	-.012573	.0368770	.0041721	.002249	5.469971	.1075813

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021609	.0206058	10.94508	.0322340	.0104445	.9705105	5.896047
Stddev	.0000598	.0009125	.03403	.0006100	.0004191	.0051637	.052098
%RSD	2.769786	4.428275	.3108960	1.892363	4.012663	.5320579	.8836119

#1	.0020954	.0198897	10.95758	.0323567	.0100610	.9764010	5.868852
#2	.0022126	.0216332	10.97110	.0327733	.0108919	.9667654	5.956116
#3	.0021748	.0202945	10.90657	.0315720	.0103805	.9683650	5.863174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3310436	7.990578	.0136517	.0000698	.5046807	.0248340	.8980556
Stddev	.0032329	.039731	.0000642	.0000891	.0102394	.0002234	.0105449
%RSD	.9765764	.4972197	.4701192	127.6770	2.028880	.8996688	1.174187

#1	.3320327	7.953207	.0137257	.0000944	.5036318	.0250549	.8896911
#2	.3336663	8.032309	.0136112	-.000029	.5154042	.0246081	.9099008
#3	.3274317	7.986218	.0136181	.000144	.4950062	.0248389	.8945750

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9944666	.0102735	.0037224	.0079360	.0891292	2.057722	3.439209
Stddev	.0292564	.0003497	.0002847	.0003986	.0008950	.009229	.117170
%RSD	2.941921	3.404177	7.648368	5.022125	1.004110	.4485129	3.406881

#1	1.017187	.0099723	.0034817	.0076227	.0896340	2.059512	3.354874
#2	.961455	.0106571	.0036487	.0083845	.0896578	2.065926	3.572997
#3	1.004757	.0101912	.0040367	.0078006	.0880959	2.047729	3.389755

Sample Name: Q2139-01 Acquired: 5/30/2025 18:15:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.775216	.0039585	.0160591
Stddev	.132587	.0002060	.0001522
%RSD	2.295789	5.204706	.9479179
#1	5.687151	.0039976	.0162105
#2	5.927704	.0041423	.0160606
#3	5.710793	.0037358	.0159061

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.537	62652.57	11853.14	2134.266	4122.738
Stddev	177.716	487.20	48.36	21.476	151.763
%RSD	5.816198	.7776185	.4080201	1.006234	3.681128
#1	2907.751	62904.12	11847.86	2144.758	3995.071
#2	3252.728	62091.02	11807.64	2109.561	4290.533
#3	3006.132	62962.59	11903.93	2148.478	4082.610

Sample Name: Q2141-01 Acquired: 5/30/2025 18:19:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.201920	-.087846	.2613526	-.024702	.0055350	214.9461
Stddev	.006777	.004109	.0016571	.004684	.0057690	2.0613
%RSD	.5638764	4.677001	.6340522	18.96243	104.2284	.9589998

#1	1.202543	-.086698	.2599382	-.021293	.0121915	215.5612
#2	1.194852	-.084434	.2631758	-.030043	.0019848	212.6473
#3	1.208363	-.092407	.2609436	-.022770	.0024286	216.6299

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.126455	.0122591	.0361046	1632.602	.9894313	.1637658
Stddev	.003282	.0000771	.0001047	3.694	.0065436	.0003060
%RSD	.2913412	.6287307	.2901032	.2262470	.6613474	.1868457

#1	1.130133	.0122539	.0361566	1636.576	.9875113	.1635209
#2	1.123824	.0121848	.0359840	1631.956	.9840625	.1641088
#3	1.125408	.0123387	.0361731	1629.274	.9967201	.1636677

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7989738	317.0736	4.746799	81.24436	.5528395	-.006155
Stddev	.0008228	1.7261	.009816	.15019	.0019111	.000396
%RSD	.1029855	.5443953	.2067920	.1848640	.3456932	6.426677

#1	.7982643	316.5383	4.754323	81.37804	.5506327	-.006273
#2	.7987812	315.6786	4.735695	81.27320	.5539292	-.006478
#3	.7998758	319.0040	4.750377	81.08184	.5539564	-.005713

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.78007	.6380909	2.384559	13.72540	1.743048	.0253745
Stddev	.07376	.0015064	.011852	.06808	.005400	.0002253
%RSD	.5771378	.2360796	.4970506	.4960262	.3097787	.8877366

#1	12.75587	.6397884	2.383706	13.70679	1.742345	.0254590
#2	12.72145	.6369132	2.373157	13.66856	1.738035	.0251192
#3	12.86289	.6375712	2.396816	13.80085	1.748765	.0255453

Sample Name: Q2141-01 Acquired: 5/30/2025 18:19:46 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023446	12.00234	2.580545	14.47442	F 81.24988	.2137709
Stddev	.0021890	.01684	.016331	.03150	.12374	.0016147
%RSD	2.138812	.1403318	.6328374	.2176027	.1523012	.7553474
#1	.1048586	12.01991	2.583078	14.48550	81.33323	.2120477
#2	.1013140	11.98634	2.563096	14.43888	81.10769	.2140161
#3	.1008611	12.00075	2.595462	14.49888	81.30872	.2152491

Elem	Sr4077
Units	ppm
Avg	4.437234
Stddev	.027166
%RSD	.6122207
#1	4.467510
#2	4.429201
#3	4.414991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.301	69007.02	13481.44	2329.787	2934.900
Stddev	6.168	324.64	24.54	4.445	2.149
%RSD	.1935134	.4704478	.1820069	.1907726	.0732125
#1	3183.836	69067.06	13456.40	2325.320	2932.551
#2	3194.422	69297.45	13505.45	2329.833	2936.767
#3	3183.645	68656.55	13482.47	2334.209	2935.381

Sample Name: PB168199BL Acquired: 5/30/2025 18:24:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001037	-.001547	.0004066	.0026407	-.001766	.0148441	-.002139
Stddev	.0020249	.002041	.0013516	.0033162	.002530	.0063039	.000215
%RSD	1952.353	131.9094	332.4116	125.5804	143.2226	42.46758	10.05730

#1	-.000195	.000576	-.001148	-.000879	.000995	.0206262	-.002384
#2	.002261	-.001723	.001069	.003094	-.003971	.0081235	-.001985
#3	-.001755	-.003493	.001299	.005707	-.002323	.0157827	-.002046

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000026	.0775846	-.000016	-.000044	.0001859	.0164990
Stddev	.000003	.000083	.0018264	.000199	.000244	.0001330	.0030377
%RSD	27.94748	318.1370	2.354110	1242.822	556.3682	71.55538	18.41164

#1	-.000011	-.000045	.0782396	-.000155	-.000305	.0002792	.0129933
#2	-.000011	-.000098	.0755209	-.000105	-.000005	.0000336	.0183535
#3	-.000006	.000065	.0789931	.000212	.000178	.0002450	.0181501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	-.014713	.0001464	.0001504	-.096100	-.001487	.0015304
Stddev	.000294	.016207	.0001642	.0003076	.022518	.001598	.0002704
%RSD	8464.796	110.1550	112.1899	204.5017	23.43224	107.4670	17.67113

#1	-.000259	-.007848	.0000903	-.000009	-.098018	-.003059	.0017709
#2	-.000069	-.003068	.0003313	.000505	-.117598	.000135	.0015827
#3	.000318	-.033222	.0000175	-.000045	-.072684	-.001537	.0012376

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005495	.0048560	.0001166	-.000494	.0014300	.0006557	.0016370
Stddev	.032759	.0000868	.0000940	.000291	.0002089	.0039040	.0013284
%RSD	596.1599	1.786915	80.57784	58.93021	14.60833	595.3689	81.15104

#1	-.042997	.0049346	.0002000	-.000829	.0015712	.0040210	.0031612
#2	.017541	.0048704	.0001352	-.000360	.0015288	.0015707	.0010238
#3	.008970	.0047629	.0000148	-.000295	.0011900	-.003625	.0007259

Sample Name: PB168199BL Acquired: 5/30/2025 18:24:14 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0078911	-.000054	.0002635
Stddev	.0030192	.000735	.0000491
%RSD	38.26015	1353.669	18.62465
#1	.0075834	.000771	.0002350
#2	.0050376	-.000636	.0002353
#3	.0110523	-.000298	.0003201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2900.134	61101.74	11731.74	2108.262	4080.750
Stddev	6.045	183.97	53.59	3.745	13.649
%RSD	.2084530	.3010911	.4567633	.1776173	.3344680
#1	2906.291	61169.80	11686.20	2109.303	4095.456
#2	2899.905	61241.98	11790.79	2111.377	4078.302
#3	2894.207	60893.43	11718.24	2104.108	4068.490

Sample Name: CCV04 Acquired: 5/30/2025 18:28:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119961	5.113785	4.979901	5.204699	5.116882	9.760127	9.933563
Stddev	.020693	.008546	.017747	.020973	.022283	.005478	.012210
%RSD	.4041664	.1671081	.3563766	.4029569	.4354865	.0561261	.1229168

#1	5.109474	5.117869	4.976092	5.203713	5.098428	9.766452	9.945542
#2	5.106611	5.119522	4.964368	5.184237	5.110580	9.757013	9.934013
#3	5.143798	5.103964	4.999244	5.226148	5.141638	9.756916	9.921134

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2385007	2.487254	24.25293	1.014535	2.487210	1.280583	5.322383
Stddev	.0016793	.007900	.08410	.000831	.009604	.005517	.009180
%RSD	.7040982	.3176212	.3467730	.0819015	.3861255	.4308545	.1724735

#1	.2391823	2.483548	24.28777	1.015325	2.483795	1.278182	5.317536
#2	.2397321	2.481888	24.31400	1.014611	2.479780	1.276674	5.316642
#3	.2365878	2.496326	24.15700	1.013669	2.498054	1.286894	5.332970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.425702	24.00320	2.487417	1.278929	26.44694	2.456468	2.512495
Stddev	.007245	.20879	.009781	.002629	.18073	.009143	.010922
%RSD	.2986949	.8698371	.3932378	.2055710	.6833867	.3721936	.4347220

#1	2.431951	24.14875	2.485073	1.278331	26.37892	2.458822	2.514210
#2	2.427395	24.09688	2.479020	1.281806	26.31008	2.464204	2.522458
#3	2.417760	23.76398	2.498157	1.276651	26.65181	2.446378	2.500816

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.17463	4.729643	5.096995	4.995300	4.878466	5.342941	4.896237
Stddev	.19685	.039959	.014884	.009639	.006394	.039398	.011756
%RSD	.7520641	.8448543	.2920138	.1929611	.1310623	.7373846	.2401065

#1	26.09197	4.735790	5.086638	4.988518	4.876568	5.330161	4.900519
#2	26.03258	4.766171	5.090296	4.991047	4.885594	5.311520	4.882940
#3	26.39933	4.686966	5.114051	5.006334	4.873236	5.387143	4.905252

Sample Name: CCV04 Acquired: 5/30/2025 18:28:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.019476	4.845068	4.965928
Stddev	.008995	.005390	.012666
%RSD	.1791946	.1112392	.2550511
#1	5.009903	4.841935	4.953398
#2	5.020772	4.841977	4.965662
#3	5.027752	4.851291	4.978725

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2802.594	59475.29	12087.21	2031.004	3806.183
Stddev	8.895	164.66	63.49	8.134	10.578
%RSD	.3173715	.2768550	.5252512	.4004853	.2779112
#1	2806.861	59371.03	12039.18	2032.641	3809.305
#2	2808.550	59665.12	12063.26	2038.195	3814.848
#3	2792.369	59389.74	12159.19	2022.176	3794.395

Sample Name: CCB04 Acquired: 5/30/2025 18:32:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016025	-.001388	.0007026	.0016007	.0002784	.0133303	-.003616
Stddev	.0004972	.002221	.0008063	.0005109	.0018633	.0023772	.000983
%RSD	31.02357	159.9823	114.7591	31.91884	669.1803	17.83287	27.19119

#1	.0019005	-.002764	.0016316	.0010694	-.000245	.0106750	-.003344
#2	.0010286	.001174	.0001847	.0016443	.002347	.0140556	-.002797
#3	.0018785	-.002574	.0002915	.0020885	-.001267	.0152604	-.004706

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000056	.0000177	.0151568	.0000932	-.000168	.0010290	.0159765
Stddev	.0000293	.0000498	.0021694	.0002180	.000067	.0002541	.0031799
%RSD	523.5008	281.7589	14.31320	234.0415	40.11989	24.69448	19.90331

#1	-.000011	.0000337	.0138510	-.000132	-.000237	.0008450	.0186870
#2	.000039	.0000575	.0139582	.000109	-.000102	.0009230	.0124762
#3	-.000011	-.000038	.0176610	.000303	-.000165	.0013189	.0167663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002809	.0019639	.0001943	.0000101	-.081798	.0014636	.0024227
Stddev	.0001404	.0038192	.0001477	.0001415	.013653	.0007469	.0001596
%RSD	49.98304	194.4703	76.02165	1400.127	16.69083	51.03310	6.587603

#1	.0004234	.0031430	.0000831	.0001363	-.066530	.0022900	.0022637
#2	.0002764	.0050546	.0003620	.0000368	-.092833	.0008367	.0025829
#3	.0001428	-.002306	.0001380	-.000143	-.086032	.0012641	.0024216

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000700	.0089623	.0006565	.0055847	.0010489	.0009579	.0029270
Stddev	.015365	.0002409	.0000977	.0000761	.0004732	.0037190	.0015711
%RSD	2195.298	2.687927	14.87907	1.362127	45.11895	388.2211	53.67561

#1	.017028	.0088769	.0006579	.0056534	.0006191	.0036985	.0047149
#2	-.010183	.0092343	.0005582	.0055029	.0015560	.0024508	.0022993
#3	-.008945	.0087758	.0007535	.0055978	.0009715	-.003276	.0017668

Sample Name: CCB04 Acquired: 5/30/2025 18:32:45 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0039071	.0003420	.0001604
Stddev	.0003497	.0006149	.0000262
%RSD	8.950406	179.7654	16.30273
#1	.0036347	.0003279	.0001783
#2	.0043014	-.000266	.0001726
#3	.0037850	.000964	.0001304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2905.657	62002.06	12974.04	2116.940	4091.046
Stddev	6.950	139.81	29.55	9.364	6.195
%RSD	.2391750	.2254988	.2277802	.4423559	.1514267
#1	2898.285	62018.45	12984.48	2111.461	4086.395
#2	2912.089	61854.77	12940.68	2111.605	4098.078
#3	2906.597	62132.95	12996.95	2127.753	4088.666

Sample Name: Q1872-10 Acquired: 5/30/2025 18:37:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.529852	5.563525	2.606585	2.915617	1.722122	276.0322
Stddev	.008696	.016779	.003545	.005862	.002777	1.4257
%RSD	.2463472	.3015839	.1360057	.2010428	.1612642	.5165069

#1	3.519970	5.546263	2.610285	2.909181	1.719135	276.5330
#2	3.536334	5.579775	2.606252	2.917022	1.722604	274.4236
#3	3.533251	5.564537	2.603219	2.920649	1.724626	277.1399

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.20304	2.763005	F 5.983085	337.5435	4.093887	1.905553
Stddev	.13652	.003250	.004749	.5761	.004779	.001909
%RSD	.9611884	.1176435	.0793808	.1706880	.1167427	.1001582

#1	14.04936	2.762400	5.980183	338.1342	4.099113	1.903356
#2	14.24951	2.766515	5.988566	337.5133	4.092810	1.906496
#3	14.31027	2.760099	5.980505	336.9831	4.089738	1.906806

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.901032	238.2597	21.37205	353.9659	5.282722	.5204957
Stddev	.010221	.7917	.06912	2.0973	.003863	.0017397
%RSD	.1732053	.3322683	.3234329	.5925122	.0731169	.3342361

#1	5.891692	238.7201	21.35068	356.0644	5.280911	.5221124
#2	5.899453	238.7133	21.44933	353.9635	5.287158	.5207201
#3	5.911950	237.3456	21.31613	351.8698	5.280098	.5186548

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.71859	2.100662	7.906076	234.2008	1.452513	.6037803
Stddev	.30421	.007592	.023738	1.1826	.006395	.0009574
%RSD	.6511559	.3613969	.3002481	.5049690	.4402947	.1585735

#1	46.55282	2.104487	7.878744	234.0448	1.457698	.6027261
#2	47.06968	2.105580	7.921532	235.4536	1.454474	.6040189
#3	46.53327	2.091919	7.917952	233.1038	1.445366	.6045959

Sample Name: Q1872-10 Acquired: 5/30/2025 18:37:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.306534	8.508447	F 18.31465	15.54570	9.295832	7.707396
Stddev	.005324	.040677	.13366	.04217	.026405	.055436
%RSD	.2308247	.4780771	.7297990	.2712879	.2840567	.7192538

#1	2.300648	8.503285	18.40529	15.54915	9.297321	7.672938
#2	2.311014	8.551459	18.37750	15.58605	9.321462	7.771344
#3	2.307941	8.470598	18.16115	15.50192	9.268714	7.677907

Elem	Sr4077
Units	ppm
Avg	5.116887
Stddev	.033241
%RSD	.6496267

#1	5.087595
#2	5.110052
#3	5.153014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3030.481	66896.34	13464.43	2219.183	3181.003
Stddev	3.357	136.39	4.50	3.107	2.063
%RSD	.1107808	.2038866	.0334385	.1400121	.0648609

#1	3032.756	66741.09	13460.94	2221.095	3179.323
#2	3032.062	66996.90	13469.51	2215.597	3180.382
#3	3026.625	66951.04	13462.85	2220.855	3183.306

Sample Name: Q1872-10RE Acquired: 5/30/2025 18:41:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.408297	5.241831	2.523089	2.811480	1.883039	259.8847
Stddev	.001216	.010147	.003599	.006671	.003024	1.3302
%RSD	.0356906	.1935851	.1426246	.2372674	.1605909	.5118495

#1	3.409263	5.230159	2.526356	2.804577	1.884912	259.8226
#2	3.408698	5.248558	2.523679	2.817891	1.879551	258.5866
#3	3.406931	5.246776	2.519232	2.811972	1.884654	261.2448

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08434	2.507390	F 5.787747	325.3853	3.988541	1.830150
Stddev	.06037	.006697	.004321	2.3842	.010298	.002141
%RSD	.4286140	.2670773	.0746535	.7327311	.2582015	.1170091

#1	14.02824	2.499739	5.792591	326.1606	4.000415	1.832575
#2	14.07656	2.510240	5.786360	322.7099	3.982041	1.828519
#3	14.14822	2.512189	5.784291	327.2853	3.983166	1.829356

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.674118	246.9073	20.69439	338.4837	5.077194	.5450866
Stddev	.004093	.6560	.06740	.8311	.004908	.0022562
%RSD	.0721381	.2657007	.3256880	.2455423	.0966751	.4139078

#1	5.678599	247.4610	20.62590	338.9122	5.082587	.5474878
#2	5.670576	246.1827	20.69663	337.5258	5.076005	.5430108
#3	5.673180	247.0781	20.76064	339.0131	5.072989	.5447611

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.70813	2.035652	7.772313	245.9648	1.432475	.5996020
Stddev	.09320	.008647	.043609	.6194	.002112	.0007652
%RSD	.1874875	.4247739	.5610822	.2518060	.1474326	.1276089

#1	49.66042	2.025859	7.734045	246.3260	1.433958	.6003971
#2	49.64845	2.038865	7.819792	245.2496	1.430057	.5995380
#3	49.81552	2.042233	7.763104	246.3187	1.433409	.5988709

Sample Name: Q1872-10RE Acquired: 5/30/2025 18:41:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.324462	7.980536	F 15.30750	14.75139	9.083351	7.357879
Stddev	.004541	.031821	.06760	.01780	.012474	.039131
%RSD	.1953759	.3987270	.4416183	.1206358	.1373237	.5318269
#1	2.328412	7.951340	15.38374	14.77159	9.077159	7.317496
#2	2.325475	7.975813	15.25487	14.73803	9.075184	7.360517
#3	2.319500	8.014454	15.28388	14.74455	9.097709	7.395625

Elem	Sr4077
Units	ppm
Avg	4.925731
Stddev	.097711
%RSD	1.983682
#1	4.828728
#2	4.924330
#3	5.024134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.809	65866.18	14403.78	2170.501	3221.991
Stddev	2.523	299.40	37.89	3.610	1.137
%RSD	.0828277	.4545634	.2630566	.1663184	.0353008
#1	3048.061	65583.33	14416.99	2166.342	3221.444
#2	3043.083	66179.76	14433.30	2172.345	3221.231
#3	3046.283	65835.45	14361.06	2172.817	3223.299

Sample Name: Q1872-10DLX5 Acquired: 5/30/2025 18:46:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7907862	1.155920	.5303306	.6718768	.3739011	61.21237	3.269395
Stddev	.0049882	.017285	.0016024	.0042308	.0035917	.14551	.020888
%RSD	.6307866	1.495315	.3021500	.6296934	.9606130	.2377097	.6388855

#1	.7866258	1.137182	.5285920	.6671650	.3701830	61.09817	3.247312
#2	.7894167	1.159339	.5306516	.6731152	.3741690	61.16274	3.272038
#3	.7963160	1.171241	.5317482	.6753501	.3773515	61.37620	3.288836

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6386144	1.211883	78.80006	1.012713	.3818309	1.429664	58.36875
Stddev	.0018425	.004943	.14691	.020109	.0015866	.004064	1.10067
%RSD	.2885214	.4078635	.1864337	1.985699	.4155139	.2842346	1.885722

#1	.6365020	1.206843	78.64938	.996273	.3800172	1.425360	57.40277
#2	.6394511	1.212084	78.80792	1.035135	.3825143	1.430197	59.56703
#3	.6398902	1.216723	78.94288	1.006731	.3829613	1.433434	58.13645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.057594	79.42403	1.079634	.1174178	9.738567	.4927152	1.976759
Stddev	.017842	.18301	.004550	.0026182	.179343	.0012082	.042593
%RSD	.3527666	.2304181	.4214587	2.229821	1.841573	.2452105	2.154676

#1	5.041400	79.22908	1.075972	.1153855	9.556231	.4940403	1.940455
#2	5.054661	79.45088	1.078203	.1203723	9.914759	.4916748	2.023646
#3	5.076720	79.59213	1.084728	.1164954	9.744710	.4924307	1.966177

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.60332	.3738683	.1402879	.4500510	1.994212	4.395919	2.980604
Stddev	.96510	.0026794	.0008836	.0024084	.008188	.068936	.023028
%RSD	1.907180	.7166670	.6298758	.5351423	.4105833	1.568191	.7725929

#1	49.70957	.3711009	.1392688	.4472821	1.985937	4.330031	2.954651
#2	51.62667	.3764500	.1408402	.4516593	1.994388	4.467545	2.998593
#3	50.47371	.3740539	.1407547	.4512117	2.002310	4.390182	2.988567

Sample Name: Q1872-10DLX5 Acquired: 5/30/2025 18:46:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.717486	1.629820	1.191235
Stddev	.007912	.008382	.006719
%RSD	.4606782	.5143176	.5640651
#1	1.710455	1.622175	1.184836
#2	1.715948	1.628501	1.190634
#3	1.726054	1.638783	1.198234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.908	60086.33	12340.30	2052.586	3707.894
Stddev	6.882	1099.51	7.35	35.034	9.596
%RSD	.2382063	1.829880	.0595659	1.706804	.2587981
#1	2893.169	60960.59	12348.28	2083.104	3716.000
#2	2892.585	58851.91	12333.81	2014.331	3710.382
#3	2880.969	60446.48	12338.81	2060.323	3697.299

Sample Name: Q1872-10DLREX5 Acquired: 5/30/2025 18:50:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8006639	1.142345	.5271881	.6795449	.4088117	59.19346	3.231148
Stddev	.0051527	.011377	.0002499	.0043779	.0039093	.40750	.018447
%RSD	.6435587	.9959310	.0473962	.6442437	.9562580	.6884259	.5709050

#1	.8010546	1.133923	.5273600	.6839635	.4083511	59.18299	3.237531
#2	.7953269	1.137824	.5269015	.6752088	.4051531	59.60609	3.245556
#3	.8056102	1.155287	.5273029	.6794623	.4129309	58.79129	3.210357

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6263391	1.208102	77.07066	.9686927	.3753159	1.435298	55.73965
Stddev	.0050165	.001466	.47422	.0011282	.0001820	.003391	.03595
%RSD	.8009162	.1213268	.6153030	.1164652	.0484992	.2362489	.0645011

#1	.6289240	1.206737	77.25245	.9691501	.3752108	1.436702	55.75387
#2	.6295360	1.207917	77.42709	.9695203	.3752107	1.431431	55.69876
#3	.6205574	1.209651	76.53244	.9674076	.3755261	1.437762	55.76632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952714	77.63708	1.071814	.1189699	9.509603	.4784199	1.918679
Stddev	.031192	.48461	.001641	.0002009	.022194	.0040097	.012868
%RSD	.6298046	.6241983	.1530598	.1688656	.2333819	.8381224	.6706694

#1	4.974279	77.69728	1.070452	.1190694	9.484361	.4758741	1.924843
#2	4.966915	78.08877	1.071354	.1187387	9.518392	.4830420	1.927306
#3	4.916948	77.12518	1.073635	.1191016	9.526056	.4763437	1.903888

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.33245	.3655980	.1396169	.4619636	1.913570	3.776619	3.003660
Stddev	.12721	.0015817	.0002309	.0006899	.010607	.005779	.006916
%RSD	.2578726	.4326193	.1653512	.1493432	.5543218	.1530231	.2302530

#1	49.19097	.3669463	.1398831	.4619555	1.917462	3.770422	2.996256
#2	49.43740	.3659908	.1394955	.4626575	1.921682	3.781861	3.004769
#3	49.36900	.3638570	.1394720	.4612778	1.901567	3.777574	3.009954

Sample Name: Q1872-10DLREX5 Acquired: 5/30/2025 18:50:05 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.800213	1.603444	1.167694
Stddev	.011108	.010157	.006184
%RSD	.6170283	.6334434	.5295545
#1	1.791936	1.601020	1.168130
#2	1.812837	1.614594	1.173648
#3	1.795865	1.594719	1.161304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2810.264	61259.81	12390.96	2084.894	3616.109
Stddev	4.630	75.97	97.40	6.679	5.391
%RSD	.1647660	.1240076	.7860297	.3203614	.1490733
#1	2810.579	61292.42	12348.48	2077.444	3621.129
#2	2814.729	61172.98	12322.01	2086.894	3616.787
#3	2805.484	61314.02	12502.38	2090.345	3610.411

Sample Name: Q2137-01DLX5 Acquired: 5/30/2025 18:54:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160168	-.018159	.0448415	.0037753	-.003173	2.118383	5.543941
Stddev	.0011755	.002747	.0008569	.0056476	.001884	.001001	.051307
%RSD	7.338885	15.12777	1.911055	149.5931	59.38590	.0472747	.9254596

#1	.0162128	-.015375	.0448047	.0078963	-.001088	2.117243	5.493032
#2	.0170819	-.020868	.0457163	-.002662	-.003675	2.118780	5.595637
#3	.0147557	-.018234	.0440036	.006092	-.004755	2.119125	5.543155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014271	-.001652	11.68039	.4595564	.0152891	.6985540	149.2807
Stddev	.0000189	.000120	.03511	.0013900	.0002637	.0031297	.0985
%RSD	1.321824	7.244141	.3005997	.3024617	1.724995	.4480222	.0659651

#1	.0014281	-.001519	11.69489	.4600556	.0154249	.7013706	149.2912
#2	.0014078	-.001752	11.64036	.4606277	.0149851	.6951849	149.1774
#3	.0014455	-.001686	11.70593	.4579857	.0154571	.6991066	149.3736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6915805	2.128692	.2100145	.0030436	4.102439	.0226432	1.382042
Stddev	.0028695	.003083	.0003923	.0004286	.005875	.0006360	.009586
%RSD	.4149139	.1448426	.1867984	14.08298	.1431996	2.808605	.6935819

#1	.6916663	2.127406	.2104177	.0032071	4.107820	.0228787	1.370979
#2	.6886691	2.132210	.2096341	.0025573	4.096171	.0231277	1.387270
#3	.6944061	2.126459	.2099915	.0033664	4.103325	.0219230	1.387877

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.516199	.1404213	.0786369	.0347504	.1009039	.6811615	1.181725
Stddev	.021531	.0009093	.0001490	.0008242	.0005756	.0140081	.004859
%RSD	1.420050	.6475161	.1894649	2.371812	.5704567	2.056502	.4111430

#1	1.509420	.1406819	.0786080	.0341933	.1013983	.6939567	1.176434
#2	1.540303	.1411718	.0785045	.0356972	.1002720	.6661942	1.182755
#3	1.498873	.1394102	.0787982	.0343606	.1010414	.6833336	1.185987

Sample Name: Q2137-01DLX5 Acquired: 5/30/2025 18:54:07 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.593642	.0880834	-.020875
Stddev	.009332	.0006759	.000282
%RSD	.1085936	.7672913	1.352496

#1	8.594220	.0888362	-.020837
#2	8.584034	.0875288	-.021174
#3	8.602672	.0878853	-.020613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.681	60590.45	12949.83	2044.128	3959.523
Stddev	13.901	128.56	11.97	3.936	9.204
%RSD	.4912512	.2121838	.0924151	.1925291	.2324612

#1	2818.898	60601.11	12939.79	2048.669	3953.259
#2	2845.370	60456.89	12963.07	2041.710	3970.091
#3	2824.776	60713.36	12946.64	2042.006	3955.220

Sample Name: CCV05 Acquired: 5/30/2025 18:58:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.066085	4.949425	4.964902	5.154017	5.076248	10.02833	9.521418
Stddev	.003125	.033976	.012332	.002349	.004289	.01670	.087536
%RSD	.0616807	.6864655	.2483771	.0455735	.0844908	.1665516	.9193628

#1	5.069162	4.984775	4.954607	5.153875	5.080638	10.01103	9.535695
#2	5.062915	4.946487	4.961530	5.151742	5.072068	10.02959	9.600938
#3	5.066177	4.917013	4.978569	5.156433	5.076038	10.04436	9.427620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2661546	2.476716	24.24147	1.001922	2.475518	1.275920	4.706363
Stddev	.0013163	.009134	.02613	.003611	.008620	.002979	.024486
%RSD	.4945637	.3687880	.1077796	.3603630	.3481905	.2334485	.5202679

#1	.2652613	2.472659	24.21130	.998580	2.472322	1.275254	4.704510
#2	.2676662	2.470313	24.25653	1.005751	2.468953	1.273332	4.682855
#3	.2655363	2.487175	24.25659	1.001435	2.485279	1.279176	4.731722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.428337	24.43586	2.479632	1.259604	23.17042	2.452569	2.573255
Stddev	.006140	.07524	.007007	.002059	.09151	.006952	.004830
%RSD	.2528478	.3078879	.2825698	.1634784	.3949554	.2834738	.1876883

#1	2.421763	24.35599	2.476940	1.258875	23.27397	2.444571	2.578740
#2	2.429324	24.50539	2.474371	1.261929	23.10041	2.455972	2.569640
#3	2.433923	24.44619	2.487586	1.258010	23.13688	2.457165	2.571384

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.02966	5.275640	5.039348	4.972285	4.849191	4.799388	4.881607
Stddev	.03144	.021077	.010232	.013909	.006073	.022733	.007255
%RSD	.1308580	.3995138	.2030479	.2797268	.1252457	.4736578	.1486093

#1	24.03443	5.259606	5.035018	4.975338	4.855077	4.779431	4.877682
#2	23.99610	5.299514	5.031993	4.957104	4.849550	4.794599	4.877161
#3	24.05845	5.267801	5.051033	4.984414	4.842946	4.824134	4.889979

Sample Name: CCV05 Acquired: 5/30/2025 18:58:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.008866	4.989896	4.878320
Stddev	.010191	.013223	.056735
%RSD	.2034670	.2649984	1.163001
#1	5.020610	5.000275	4.828835
#2	5.003642	4.994405	4.940242
#3	5.002346	4.975008	4.865883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.935	60327.89	10756.63	2057.313	3784.934
Stddev	10.541	258.73	69.45	9.664	15.189
%RSD	.3774311	.4288683	.6456741	.4697621	.4012897
#1	2798.665	60605.55	10814.76	2060.930	3789.885
#2	2799.371	60093.57	10679.72	2046.361	3797.029
#3	2780.770	60284.56	10775.40	2064.647	3767.888

Sample Name: CCB05 Acquired: 5/30/2025 19:02:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002392	-.003999	-.000725	.0019965	-.001760	.0054383	-.003130
Stddev	.0016632	.001117	.000929	.0028121	.001384	.0063490	.000652
%RSD	695.2380	27.93689	128.1034	140.8517	78.64588	116.7473	20.82641

#1	-.000260	-.003213	-.000441	.0005943	-.000360	.0112548	-.002458
#2	-.001117	-.005278	-.001764	.0052340	-.001791	-.001335	-.003172
#3	.002095	-.003506	.000028	.0001612	-.003128	.006395	-.003759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000145	.0000450	.0102677	.0014551	-.000027	.0001692	.0061986
Stddev	.0000365	.0000282	.0146837	.0000711	.000224	.0001003	.0031341
%RSD	251.1393	62.53015	143.0081	4.885796	826.9242	59.26094	50.56101

#1	-.000001	.0000226	.0107664	.0013801	.000048	.0001941	.0089055
#2	-.000012	.0000766	-.004659	.0014636	.000150	.0000589	.0069252
#3	.000056	.0000359	.024696	.0015216	-.000279	.0002548	.0027650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011518	-.008759	.0014566	.0000086	-.065855	-.000717	.0009817
Stddev	.0003524	.010482	.0002280	.0002946	.002909	.000126	.0001400
%RSD	30.59160	119.6744	15.64973	3421.105	4.417860	17.53817	14.25983

#1	.0007450	-.004180	.0017087	.0003210	-.062580	-.000858	.0010484
#2	.0013578	-.001346	.0012651	-.000264	-.066845	-.000615	.0010759
#3	.0013528	-.020751	.0013959	-.000031	-.068140	-.000679	.0008208

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273450	.0095509	.0008151	.0036166	.0009687	.0134402	.0022179
Stddev	.0349207	.0005963	.0001385	.0005806	.0007645	.0048324	.0022717
%RSD	127.7041	6.243576	16.99265	16.05360	78.92200	35.95484	102.4258

#1	.0332258	.0100594	.0007825	.0038420	.0002158	.0188990	.0036147
#2	.0589520	.0088946	.0009671	.0040508	.0017443	.0097094	-.000403
#3	-.010143	.0096986	.0006959	.0029572	.0009460	.0117122	.003442

Sample Name: CCB05 Acquired: 5/30/2025 19:02:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011115	.0011318	.0001734
Stddev	.0034560	.0006126	.0000143
%RSD	310.9388	54.12339	8.267896
#1	.0008680	.0016692	.0001665
#2	-.002216	.0012613	.0001639
#3	.004683	.0004648	.0001899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.566	62170.43	12687.08	2141.256	3998.482
Stddev	10.030	140.81	63.48	15.345	12.434
%RSD	.3499003	.2264876	.5003263	.7166223	.3109638
#1	2873.685	62007.89	12671.85	2124.044	4003.534
#2	2870.919	62255.42	12632.60	2153.506	4007.594
#3	2855.095	62247.97	12756.79	2146.218	3984.317

Sample Name: PB168199BS Acquired: 5/30/2025 19:18:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8040690	2.042104	.9808649	2.062554	.8214333	1.967786
Stddev	.0036193	.016161	.0016950	.003233	.0035034	.007796
%RSD	.4501227	.7914062	.1728053	.1567245	.4264953	.3961753

#1	.8041265	2.023446	.9800292	2.060001	.8175764	1.976787
#2	.8004212	2.051702	.9797499	2.061473	.8223049	1.963423
#3	.8076591	2.051166	.9828154	2.066189	.8244185	1.963149

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1907792	.2064380	.2006086	1.018016	.4185521	.2013074
Stddev	.0012160	.0005099	.0002767	.008305	.0002938	.0004537
%RSD	.6373893	.2470099	.1379228	.8157855	.0701974	.2253985

#1	.1915895	.2070063	.2005286	1.008435	.4188121	.2016854
#2	.1913672	.2062871	.2003807	1.022455	.4186108	.2008042
#3	.1893810	.2060205	.2009164	1.023159	.4182333	.2014326

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3181463	3.111388	.2006903	1.948461	.5059359	.0768357
Stddev	.0014395	.015965	.0012165	.009081	.0011936	.0007352
%RSD	.4524795	.5131088	.6061755	.4660429	.2359233	.9568956

#1	.3171564	3.095263	.2011142	1.956403	.5051143	.0767740
#2	.3174848	3.127188	.1993185	1.938561	.5053883	.0775998
#3	.3197977	3.111714	.2016381	1.950420	.5073050	.0761332

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.799848	.2983302	.1933110	9.712618	.2995444	.4167941
Stddev	.023448	.0014847	.0015371	.057894	.0019496	.0011386
%RSD	.8374897	.4976810	.7951195	.5960675	.6508496	.2731912

#1	2.819112	.2975989	.1942684	9.724980	.3005338	.4155248
#2	2.806692	.3000387	.1915380	9.763332	.3008008	.4171319
#3	2.773738	.2973528	.1941265	9.649542	.2972984	.4177257

Sample Name: PB168199BS Acquired: 5/30/2025 19:18:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6977773	.1957529	.8542392	5.738476	F -.008854	.1989305
Stddev	.0019199	.0006561	.0017995	.006711	.001593	.0009172
%RSD	.2751460	.3351561	.2106564	.1169550	17.98892	.4610764

#1	.6957331	.1963806	.8542833	5.736505	-.007266	.1999225
#2	.6995424	.1950717	.8524180	5.732970	-.008844	.1981131
#3	.6980565	.1958063	.8560162	5.745952	-.010452	.1987561

Elem	Sr4077
Units	ppm
Avg	.1944858
Stddev	.0004967
%RSD	.2553861

#1	.1949958
#2	.1944582
#3	.1940035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.349	61230.25	11833.10	2114.616	4096.848
Stddev	8.635	160.38	52.37	13.243	8.446
%RSD	.2958996	.2619256	.4425747	.6262449	.2061587

#1	2920.596	61144.46	11778.85	2101.959	4097.979
#2	2925.638	61131.01	11837.07	2113.512	4104.672
#3	2908.812	61415.27	11883.36	2128.376	4087.894

Sample Name: PB167748BL Acquired: 5/30/2025 19:22:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000322	-.000809	-.000961	.0008192	.0001247	.0070802	-.002596
Stddev	.000203	.000665	.001278	.0040583	.0012490	.0045500	.001181
%RSD	63.21904	82.18579	132.9805	495.4025	1001.854	64.26398	45.47616

#1	-.000556	-.001198	-.001650	-.002717	.0010560	.0123217	-.002305
#2	-.000203	-.000041	.000514	-.000076	-.001295	.0047719	-.003895
#3	-.000205	-.001187	-.001747	.005250	.000613	.0041470	-.001588

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000438	-.000033	.0042513	.0010050	.0000698	.0001768	-.002856
Stddev	.0000189	.000050	.0036006	.0001558	.0001185	.0001191	.003420
%RSD	43.21360	149.8890	84.69329	15.50012	169.7696	67.33311	119.7459

#1	.0000227	.000019	.0053653	.0010993	-.000056	.0002964	-.005491
#2	.0000592	-.000039	.0071633	.0008252	.000179	.0000583	-.004086
#3	.0000496	-.000080	.0002254	.0010905	.000087	.0001758	.001009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000599	-.018824	.0005410	-.000098	-.086581	-.000036	.0000940
Stddev	.0001823	.018021	.0001648	.000314	.007290	.001701	.0003618
%RSD	304.2339	95.73372	30.45496	319.1415	8.420183	4693.766	384.7315

#1	.0001074	.000285	.0004236	-.000009	-.078166	.001532	-.000289
#2	.0002138	-.035511	.0007294	-.000447	-.090988	.000205	.000429
#3	-.000141	-.021246	.0004701	.000161	-.090589	-.001845	.000142

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006524	.0023242	.0000141	-.002081	.0009153	-.003131	.0018897
Stddev	.008699	.0004767	.0001186	.000597	.0004880	.004607	.0011454
%RSD	133.3390	20.50942	841.6883	28.70212	53.31473	147.1293	60.61178

#1	-.011545	.0027270	.0001481	-.001743	.0013926	-.004883	.0018587
#2	-.011549	.0024476	-.000078	-.002770	.0009360	-.006605	.0030503
#3	.003521	.0017979	-.000028	-.001729	.0004173	.002095	.0007602

Sample Name: PB167748BL Acquired: 5/30/2025 19:22:27 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028895	.0006144	.0000963
Stddev	.0005181	.0001871	.0000182
%RSD	17.92894	30.44736	18.90175
#1	.0031359	.0008197	.0000753
#2	.0022942	.0005699	.0001061
#3	.0032383	.0004536	.0001075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2950.101	64541.37	11891.65	2198.919	4155.622
Stddev	12.196	98.82	24.47	9.977	18.867
%RSD	.4134093	.1531099	.2057384	.4537314	.4540186
#1	2951.943	64505.70	11872.66	2209.029	4161.333
#2	2961.271	64465.34	11883.03	2189.080	4170.973
#3	2937.089	64653.07	11919.26	2198.647	4134.558

Sample Name: PB167748BS Acquired: 5/30/2025 19:26:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8140690	2.010502	.9867306	2.090587	.8345116	1.940804
Stddev	.0027778	.025480	.0044420	.010523	.0017451	.003423
%RSD	.3412221	1.267367	.4501709	.5033445	.2091172	.1763891

#1	.8136340	1.981689	.9820310	2.078494	.8335802	1.943701
#2	.8115344	2.019749	.9873010	2.095608	.8334299	1.941685
#3	.8170387	2.030068	.9908598	2.097659	.8365248	1.937027

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1918334	.2013003	.2025758	1.007855	.4097321	.2022596
Stddev	.0006409	.0004479	.0005946	.007018	.0006792	.0005390
%RSD	.3341109	.2225054	.2935427	.6963067	.1657766	.2664803

#1	.1925682	.2016098	.2019062	1.005652	.4093102	.2016559
#2	.1915421	.2015043	.2027789	1.002203	.4093705	.2024304
#3	.1913897	.2007867	.2030423	1.015710	.4105156	.2026924

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3196158	3.116752	.2003352	1.928470	.5083929	.0761204
Stddev	.0007597	.001539	.0002311	.010623	.0025073	.0006012
%RSD	.2376919	.0493862	.1153729	.5508603	.4931883	.7898333

#1	.3190843	3.118265	.2001395	1.923236	.5061921	.0767093
#2	.3192773	3.116801	.2002761	1.940695	.5078642	.0761443
#3	.3204860	3.115188	.2005902	1.921480	.5111224	.0755076

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.828333	.2961179	.1892635	9.748539	.2943266	.4177255
Stddev	.006792	.0014272	.0022754	.054804	.0018547	.0008816
%RSD	.2401395	.4819879	1.202219	.5621774	.6301408	.2110459

#1	2.828190	.2947006	.1900658	9.755403	.2927841	.4170646
#2	2.821614	.2975549	.1910291	9.690626	.2963845	.4173855
#3	2.835195	.2960981	.1866957	9.799588	.2938113	.4187265

Sample Name: PB167748BS Acquired: 5/30/2025 19:26:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7110302	.1957780	.8500475	5.913351	F -.003853	.1987938
Stddev	.0012659	.0007178	.0039490	.041644	.002026	.0005617
%RSD	.1780341	.3666221	.4645623	.7042339	52.57641	.2825809

#1	.7096028	.1965283	.8480466	5.868200	-.001814	.1981742
#2	.7114711	.1957076	.8545964	5.921602	-.003880	.1992699
#3	.7120166	.1950980	.8474994	5.950252	-.005866	.1989374

Elem	Sr4077
Units	ppm
Avg	.1942714
Stddev	.0001676
%RSD	.0862434

#1	.1944490
#2	.1942489
#3	.1941162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.676	61914.45	12032.73	2155.153	3990.792
Stddev	10.332	132.43	12.87	5.994	15.178
%RSD	.3596610	.2138952	.1069221	.2781421	.3803337

#1	2882.619	61827.05	12030.59	2148.301	4007.001
#2	2873.414	62066.82	12021.07	2157.734	3988.463
#3	2861.995	61849.49	12046.53	2159.425	3976.913

Sample Name: CCV06 Acquired: 5/30/2025 19:30:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953689	4.846267	4.933046	5.009547	4.979737	9.734534	9.770965
Stddev	.035355	.047220	.010244	.037944	.029780	.022761	.033762
%RSD	.7137200	.9743621	.2076692	.7574300	.5980251	.2338139	.3455359
#1	4.934279	4.807041	4.921424	4.993853	4.970579	9.755812	9.790412
#2	4.932290	4.833082	4.936949	4.981967	4.955611	9.737253	9.790504
#3	4.994498	4.898678	4.940765	5.052820	5.013020	9.710535	9.731980
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2455807	2.460822	24.27773	.9852039	2.463169	1.254573	4.919162
Stddev	.0015636	.006796	.11809	.0006011	.005726	.004004	.011853
%RSD	.6366843	.2761505	.4863927	.0610181	.2324810	.3191130	.2409641
#1	.2464458	2.453424	24.38314	.9857659	2.457558	1.254595	4.924531
#2	.2465205	2.462257	24.29992	.9852758	2.462946	1.250559	4.905574
#3	.2437757	2.466785	24.15012	.9845700	2.469004	1.258566	4.927381
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.435516	24.11066	2.459959	1.230515	24.16560	2.441450	2.524798
Stddev	.008119	.16475	.005018	.002064	.18372	.007353	.004786
%RSD	.3333728	.6833256	.2040058	.1677458	.7602422	.3011577	.1895780
#1	2.441932	24.20958	2.455113	1.232785	24.14842	2.449934	2.530213
#2	2.438230	24.20194	2.459631	1.230010	23.99107	2.436933	2.521133
#3	2.426388	23.92047	2.465134	1.228751	24.35730	2.437484	2.523049
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.75444	4.894789	4.991955	4.929899	4.846972	4.902562	4.809909
Stddev	.15864	.032594	.023479	.018252	.012190	.033029	.022232
%RSD	.6408352	.6658968	.4703331	.3702212	.2514996	.6737032	.4622061
#1	24.66891	4.918495	4.988120	4.909355	4.861047	4.868152	4.799623
#2	24.65693	4.908252	4.970630	4.936099	4.839828	4.905523	4.794683
#3	24.93749	4.857620	5.017116	4.944243	4.840040	4.934011	4.835421

Sample Name: CCV06 Acquired: 5/30/2025 19:30:49 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.911517	4.830903	4.932683
Stddev	.022908	.013821	.029441
%RSD	.4664062	.2860920	.5968648
#1	4.887208	4.836384	4.956589
#2	4.914639	4.815183	4.941663
#3	4.932703	4.841144	4.899797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.159	62013.50	11566.67	2128.425	3850.568
Stddev	12.992	60.95	65.04	9.927	4.525
%RSD	.4553390	.0982877	.5622658	.4664247	.1175048
#1	2847.633	62017.18	11528.77	2125.147	3849.846
#2	2868.000	62072.53	11529.49	2139.577	3855.409
#3	2843.844	61950.79	11641.77	2120.551	3846.447

Sample Name: CCB06 Acquired: 5/30/2025 19:34:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000394	-.004014	.0004868	.0012865	.0016238	.0048082	-.001325
Stddev	.001066	.001301	.0031913	.0011879	.0004870	.0035402	.000527
%RSD	270.4513	32.41953	655.4924	92.33825	29.98965	73.62846	39.77697

#1	.000711	-.004996	-.002172	.0000107	.0010875	.0011830	-.001606
#2	-.001416	-.002538	-.000394	.0023608	.0020384	.0082568	-.001652
#3	-.000477	-.004508	.004026	.0014879	.0017455	.0049849	-.000717

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000247	-.000025	.0013443	-.000318	-.000055	-.000019	-.002652
Stddev	.0000189	.000021	.0034961	.000258	.000274	.000131	.000307
%RSD	76.69169	85.98439	260.0688	81.32626	502.8525	701.2138	11.56563

#1	.0000175	-.000018	.0022302	-.000153	-.000371	-.000154	-.002649
#2	.0000461	-.000008	.0043122	-.000616	.000117	.000108	-.002347
#3	.0000104	-.000049	-.002510	-.000185	.000090	-.000011	-.002961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000280	-.022171	.0001818	.0000272	-.080130	-.000378	.0002742
Stddev	.0002962	.009627	.0003840	.0001099	.007556	.001473	.0004992
%RSD	1056.853	43.42016	211.1842	404.3135	9.429116	389.7333	182.0720

#1	.0001729	-.030045	-.000199	.0000111	-.088782	.000397	.0003052
#2	.0002239	-.025028	.000176	.0001442	-.076779	-.002077	-.000240
#3	-.000313	-.011439	.000568	-.000074	-.074830	.000546	.000757

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021540	.0093670	.0003829	-.000306	.0003549	.0008473	.0018301
Stddev	.012182	.0007268	.0003676	.000750	.0006516	.0060515	.0010422
%RSD	56.55251	7.758830	96.01106	244.5834	183.5910	714.2187	56.94765

#1	-.007798	.0085447	.0006412	-.000001	.0006115	.0059973	.0029607
#2	-.031012	.0099233	-.000038	.000242	.0008392	.0023624	.0016217
#3	-.025811	.0096330	.000545	-.001161	-.000386	-.005818	.0009078

Sample Name: CCB06 Acquired: 5/30/2025 19:34:59 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v77) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000955	-.000968	.0001775
Stddev	.001101	.000520	.0000299
%RSD	115.3166	53.72736	16.86779
#1	-.001785	-.000417	.0002111
#2	.000294	-.001451	.0001674
#3	-.001373	-.001036	.0001538

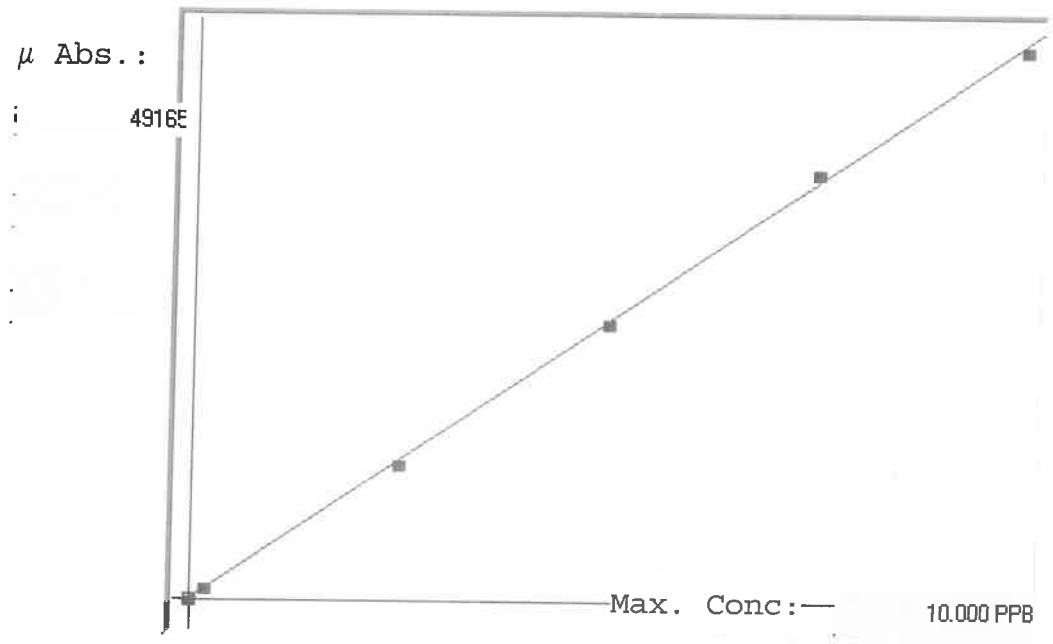
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2945.240	62006.43	12139.17	2170.860	4106.713
Stddev	10.140	114.19	38.29	9.474	14.139
%RSD	.3442696	.1841643	.3154558	.4364206	.3442837
#1	2950.352	61899.63	12164.91	2167.334	4117.235
#2	2951.807	62126.80	12157.45	2163.654	4112.262
#3	2933.563	61992.87	12095.17	2181.592	4090.641

LB135901

7471B

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000
B= 2.0131e-004
C= -1.1479e-002
Rho= 0.9996505
Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	0/00
0.0	0.000	0.008	0.008	98	0.000	98					13
0.2	0.200	0.225	0.025	1173	0.0 %	1173					-3
2.5	2.500	2.421	-0.079	12082	0.0 %	12082					-1
5.0	5.000	4.970	-0.030	24748	0.0 %	24748					3
7.5	7.500	7.690	0.190	38259	0.0 %	38259					-1
10.0	10.000	9.886	-0.114	49165	0.0 %	49165					

LB135901 INSTRUMENT ID : CV1

Method: 7471B

Operator: Admin

Date of Analysis: 23 May 2025 11:52:23

Sample ID	Extended ID	µ Abs	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	30	98	-	0.0000	7471B	PPB	23 May 2025 12:11:52	S	Std
0.2 - 1	50-2	1173	-	0.2000	7471B	PPB	23 May 2025 12:14:09	S	Std
2.5 - 1	52-5	12082	-	2.5000	7471B	PPB	23 May 2025 12:16:26	S	Std
5.0 - 1	35	24748	-	5.0000	7471B	PPB	23 May 2025 12:18:43	S	Std
7.5 - 1	52-5	38259	-	7.5000	7471B	PPB	23 May 2025 12:21:02	S	Std
10.0 - 1	51-5	49165	-	10.0000	7471B	PPB	23 May 2025 12:26:08	S	Std
ICV16 - 1	ICV16	19261	3.8659	-	7471B	PPB	23 May 2025 12:29:29	U	SMPL
ICB16 - 1	ICB16	-282	-0.0682	-	7471B	PPB	23 May 2025 12:31:43	U	SMPL
CCV60 - 1	CCV60	25773	5.1768	-	7471B	PPB	23 May 2025 12:34:02	U	SMPL
CCB60 - 1	CCB60	-368	-0.0856	-	7471B	PPB	23 May 2025 12:36:17	U	SMPL
CRA - 1	CRA	1053	0.2005	-	7471B	PPB	23 May 2025 12:38:35	U	SMPL
HighStd - 1	HighStd	49412	9.9354	-	7471B	PPB	23 May 2025 12:40:50	U	SMPL
ChkStd - 1	ChkStd	36078	7.2512	-	7471B	PPB	23 May 2025 12:43:06	U	SMPL
PB168145BS - 1	PB168145BS	18622	3.7372	-	7471B	PPB	23 May 2025 12:47:55	U	SMPL
Q2084-01 - 1	OR-640-COMP-66	687	0.1268	-	7471B	PPB	23 May 2025 12:50:11	U	SMPL
Q2087-01 - 1	NB-07-05202025	2328	0.4572	-	7471B	PPB	23 May 2025 12:52:31	U	SMPL
Q2087-03 - 1	NB-08-05202025	460	0.0811	-	7471B	PPB	23 May 2025 12:54:48	U	SMPL
Q2087-03DUP - 1	NB-08-05202025DUP	290	0.0469	-	7471B	PPB	23 May 2025 12:57:05	U	SMPL
Q2087-03MS - 1	NB-08-05202025MS	18320	3.6764	-	7471B	PPB	23 May 2025 12:59:20	U	SMPL
CCV61 - 1	CCV61	24695	4.9598	-	7471B	PPB	23 May 2025 13:01:35	U	SMPL
CCB61 - 1	CCB61	-427	-0.0974	-	7471B	PPB	23 May 2025 13:03:54	U	SMPL
Q2087-03MSD - 1	NB-08-05202025MSD	17658	3.5432	-	7471B	PPB	23 May 2025 13:06:15	U	SMPL
Q2092-01 - 1	VNJ-202	579	0.1051	-	7471B	PPB	23 May 2025 13:08:30	U	SMPL
Q2093-01 - 1	SOIL-DRUM	1016	0.1930	-	7471B	PPB	23 May 2025 13:10:49	U	SMPL
Q2095-01 - 1	WCS-TP1	659	0.1212	-	7471B	PPB	23 May 2025 13:13:05	U	SMPL
Q2095-05 - 1	WCS-TP2	619	0.1131	-	7471B	PPB	23 May 2025 13:15:20	U	SMPL
Q2097-01 - 1	ETGI-357	507	0.0906	-	7471B	PPB	23 May 2025 13:17:37	U	SMPL
Q2097-03 - 1	RBR200044	806	0.1508	-	7471B	PPB	23 May 2025 13:19:53	U	SMPL
Q2097-05 - 1	RBR251675	456	0.0803	-	7471B	PPB	23 May 2025 13:22:10	U	SMPL
Q2097-07 - 1	VNJ-244	584	0.1061	-	7471B	PPB	23 May 2025 13:24:27	U	SMPL
Q2097-09 - 1	ETGI-290	555	0.1002	-	7471B	PPB	23 May 2025 13:26:43	U	SMPL
CCV62 - 1	CCV62	25089	5.0391	-	7471B	PPB	23 May 2025 13:28:59	U	SMPL
CCB62 - 1	CCB62	-287	-0.0693	-	7471B	PPB	23 May 2025 13:31:14	U	SMPL
Q2097-11 - 1	RT3419	787	0.1469	-	7471B	PPB	23 May 2025 13:33:33	U	SMPL
Q2097-13 - 1	RBR251372	431	0.0753	-	7471B	PPB	23 May 2025 13:35:48	U	SMPL
Q2097-15 - 1	72-12013	277	0.0443	-	7471B	PPB	23 May 2025 13:38:03	U	SMPL
Q2097-17 - 1	RT-3888	328	0.0545	-	7471B	PPB	23 May 2025 13:40:19	U	SMPL
PB168146BL - 1	PBS	-2	-0.0119	-	7471B	PPB	23 May 2025 13:42:35	U	SMPL
PB168146BS - 1	LCSS	18823	3.7777	-	7471B	PPB	23 May 2025 13:44:51	U	SMPL
Q2100-01 - 1	TP-16	428	0.0747	-	7471B	PPB	23 May 2025 13:47:08	U	SMPL
Q2100-02 - 1	TP-22	6232	1.2431	-	7471B	PPB	23 May 2025 13:49:28	U	SMPL
Q2100-03 - 1	TP-21	1238	0.2377	-	7471B	PPB	23 May 2025 13:51:46	U	SMPL
Q2100-04 - 1	TP-45	1361	0.2625	-	7471B	PPB	23 May 2025 13:54:03	U	SMPL
CCV63 - 1	CCV63	24766	4.9741	-	7471B	PPB	23 May 2025 13:56:19	U	SMPL
CCB63 - 1	CCB63	-357	-0.0833	-	7471B	PPB	23 May 2025 13:58:36	U	SMPL
Q2101-01 - 1	TP-1-MHE	446	0.0783	-	7471B	PPB	23 May 2025 14:00:55	U	SMPL
Q2102-01 - 1	LAW-25-0077	1227	0.2355	-	7471B	PPB	23 May 2025 14:03:11	U	SMPL
Q2104-01 - 1	TR-06-052125	451	0.0793	-	7471B	PPB	23 May 2025 14:05:27	U	SMPL
Q2109-01 - 1	TP-02-MHF	1495	0.2895	-	7471B	PPB	23 May 2025 14:07:42	U	SMPL
Q2109-01DUP - 1	TP-02-MHFDUP	1482	0.2869	-	7471B	PPB	23 May 2025 14:09:59	U	SMPL
Q2109-01MS - 1	TP-02-MHFMS	22311	4.4798	-	7471B	PPB	23 May 2025 14:12:15	U	SMPL
Q2109-01MSD - 1	TP-02-MHFMSD	18671	3.7471	-	7471B	PPB	23 May 2025 14:14:31	U	SMPL
Q2112-01 - 1	EO-03-05222025	2497	0.4912	-	7471B	PPB	23 May 2025 14:16:52	U	SMPL
Q2113-01 - 1	HD-02-05222025	736	0.1367	-	7471B	PPB	23 May 2025 14:19:12	U	SMPL
CCV64 - 1	CCV64	24097	4.8394	-	7471B	PPB	23 May 2025 14:21:28	U	SMPL
CCB64 - 1	CCB64	-220	-0.0558	-	7471B	PPB	23 May 2025 14:23:43	U	SMPL
PB168145BL - 1	PBS	54	-0.0006	-	7471B	PPB	23 May 2025 14:26:03	U	SMPL
Q2087-03,LX5 - 1		12	-0.0091	-	7471B	PPB	23 May 2025 14:28:18	U	SMPL
Q2087-03A - 1		18587	3.7302	-	7471B	PPB	23 May 2025 14:30:34	U	SMPL
Q2109-01LX5 - 1		-90	-0.0296	-	7471B	PPB	23 May 2025 14:32:50	U	SMPL
Q2109-01A - 1		20761	4.1678	-	7471B	PPB	23 May 2025 14:35:09	U	SMPL
CCV65 - 1	CCV65	24391	4.8986	-	7471B	PPB	23 May 2025 14:37:24	U	SMPL
CCB65 - 1	CCB65	-215	-0.0548	-	7471B	PPB	23 May 2025 14:39:44	U	SMPL

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette 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: 05/21/2025 Time : 14:05 Temp : 96 °C

End Digest Date: 05/21/2025 Time : 16:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SLY*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6005
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	M6125
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
05/21/25 17:10	<i>SLY-met dig</i>	<i>[Signature]</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB168117BL	PBS117	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB168117BS	LCS117	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6005,M6016	2
Q2100-01	TP-16	N/A	2.31	100	Brown	Yellow	Medium	N/A	N/A	3
Q2100-02	TP-22	N/A	2.23	100	Brown	Yellow	Medium	N/A	N/A	4
Q2100-03	TP-21	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	5
Q2100-04	TP-45	N/A	2.18	100	Brown	Yellow	Medium	N/A	N/A	6
Q2101-01	TP-1-MHE	N/A	2.44	100	Brown	Yellow	Medium	N/A	N/A	7
Q2101-01MS	TP-1-MHEMS	N/A	2.33	100	Brown	Yellow	Medium	N/A	M6005,M6016	9
Q2101-01MSD	TP-1-MHEMSD	N/A	2.12	100	Brown	Yellow	Medium	N/A	M6005,M6016	10
Q2101-01DUP	TP-1-MHEDUP	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	8
Q2102-01	LAW-25-0077	N/A	2.30	100	Brown	Yellow	Medium	N/A	N/A	11
Q2104-01	TR-06-052125	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	12

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB168117

Worklist ID : 189683

Department : Digestion

Date : 05-21-2025 13:42:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2100-01	TP-16	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/20/2025	6010D
Q2100-02	TP-22	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/20/2025	6010D
Q2100-03	TP-21	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/20/2025	6010D
Q2100-04	TP-45	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L41	05/20/2025	6010D
Q2101-01	TP-1-MHE	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	05/19/2025	6010D
Q2102-01	LAW-25-0077	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L21	05/21/2025	6010D
Q2104-01	TR-06-052125	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	L31	05/21/2025	6010D

Date/Time 05/21/2025 13:53

Raw Sample Received by: S123.mct.d19

Raw Sample Relinquished by: [Signature]

Date/Time 05/21/25 14:35

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: S123.mct.d19

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette 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: 05/23/2025 Time : 09:50 Temp : 94 °C

End Digest Date: 05/23/2025 Time : 10:20 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

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85755
CCV	30mL	MP85757
CRA	30mL	MP85759
Blank Spike	0.48mL	MP85748
Matrix Spike	0.48mL	MP85748

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85761
KMnO4 (5%)	4.5mL	MP85241
Hydroxylamine HCL (12%)	2.0mL	MP85243
PTFE Boiling Stones	-----	M4583
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	MP85749
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85750
2.5 ppb	S2.5	30mL	MP85751
5.0 ppb	S5.0	30mL	MP85752
7.5 ppb	S7.5	30mL	MP85753
10.0 ppb	S10.0	30mL	MP85754
ICV	ICV	30mL	MP85755
ICB	ICB	30mL	MP85756
CCV	CCV	30mL	MP85757
CCB	CCB	30mL	MP85758
CRI	CRI	30mL	MP85759
CHK STD	CHK STD	30mL	MP85760

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/23/25 @ 10:15	MS - MS - LMS	MS - MS - LMS
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB168146BL	PBS146	0.52	35	NA	N/A	3-22
PB168146BS	LCS146	0.54	35	NA	MP85748	23
Q2100-01	TP-16	0.60	35	NA	N/A	24
Q2100-02	TP-22	0.57	35	NA	N/A	25
Q2100-03	TP-21	0.52	35	NA	N/A	26
Q2100-04	TP-45	0.52	35	NA	N/A	27
Q2101-01	TP-1-MHE	0.51	35	NA	N/A	28
Q2102-01	LAW-25-0077	0.57	35	NA	N/A	29
Q2104-01	TR-06-052125	0.56	35	NA	N/A	30
Q2109-01	TP-02-MHF	0.59	35	NA	N/A	31
Q2109-01DUP	TP-02-MHFDUP	0.56	35	NA	N/A	32
Q2109-01MS	TP-02-MHFMS	0.54	35	NA	MP85748	33
Q2109-01MSD	TP-02-MHFMSD	0.54	35	NA	MP85748	34
Q2112-01	EO-03-05222025	0.55	35	NA	N/A	35
Q2113-01	HD-02-05222025	0.52	35	NA	N/A	36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 052225_7471B

WorkList ID : 189702

Department : Digestion

Date : 05-22-2025 08:44:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2100-01	TP-16	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/19/2025	7471B
Q2100-02	TP-22	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/19/2025	7471B
Q2100-03	TP-21	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/20/2025	7471B
Q2100-04	TP-45	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/20/2025	7471B
Q2101-01	TP-1-MHE	Solid	Mercury	Cool 4 deg C	CAMP02	L41	05/20/2025	7471B
Q2102-01	LAW-25-0077	Solid	Mercury	Cool 4 deg C	PSEG03	L41	05/19/2025	7471B
Q2104-01	TR-06-052125	Solid	Mercury	Cool 4 deg C	PSEG03	L21	05/21/2025	7471B
Q2109-01	TP-02-MHF	Solid	Mercury	Cool 4 deg C	PSEG05	L31	05/21/2025	7471B
Q2112-01	EO-03-05222025	Solid	Mercury	Cool 4 deg C	PSEG03	L31	05/20/2025	7471B
Q2113-01	HD-02-05222025	Solid	Mercury	Cool 4 deg C	PSEG05	L31	05/22/2025	7471B
					PSEG05	L31	05/22/2025	7471B

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

5/23/25 9:25

003-Dryan

003-Dryan

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

5/23/25 10:15

003-Dryan

003-Dryan



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:20
Out Date: 05/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135864

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q2100-01	TP-16	1	1.15	10.12	11.27	10.1	88.4	
Q2100-02	TP-22	2	1.18	10.32	11.5	9.85	84.0	
Q2100-03	TP-21	3	1.19	10.32	11.51	9.26	78.2	
Q2100-04	TP-45	4	1.18	10.42	11.6	9.12	76.2	
Q2101-01	TP-1-MHE	5	1.19	9.85	11.04	10.44	93.9	
Q2101-02	TP-1-MHE-E2	6	1.19	10.48	11.67	11.11	94.7	
Q2101-03	TP-1-MHE-VOC	7	1.15	10.40	11.55	10.94	94.1	
Q2102-01	LAW-25-0077	8	1.18	10.48	11.66	10.3	87.0	
Q2102-02	LAW-25-0077-E2	9	1.13	9.57	10.7	9.54	87.9	
Q2103-01	245F59-FRONT	10	1.00	1.00	2.00	2.00	100.0	oilc
Q2103-02	245F59-END	11	1.00	1.00	2.00	2.00	100.0	oilc
Q2103-03	BC248114-FRONT	12	1.00	1.00	2.00	2.00	100.0	oilc
Q2103-04	BC248114-END	13	1.00	1.00	2.00	2.00	100.0	oilc
Q2104-01	TR-06-052125	14	1.18	10.28	11.46	10.63	91.9	
Q2104-02	TR-06-052125-E2	15	1.13	10.63	11.76	10.9	91.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

JB135864

WorkList Name : %1-052125

WorkList ID : 189658

Department : Wet-Chemistry

Date : 05-21-2025 08:23:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2100-01	TP-16	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/20/2025	Chemtech -SO
Q2100-02	TP-22	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/20/2025	Chemtech -SO
Q2100-03	TP-21	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/20/2025	Chemtech -SO
Q2100-04	TP-45	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/20/2025	Chemtech -SO
Q2101-01	TP-1-MHE	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/19/2025	Chemtech -SO
Q2101-02	TP-1-MHE-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/19/2025	Chemtech -SO
Q2101-03	TP-1-MHE-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/19/2025	Chemtech -SO
Q2102-01	LAW-25-0077	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/21/2025	Chemtech -SO
Q2102-02	LAW-25-0077-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/21/2025	Chemtech -SO
Q2103-01	245F59-FRONT	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/21/2025	Chemtech -SO
Q2103-02	245F59-END	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/21/2025	Chemtech -SO
Q2103-03	BC248114-FRONT	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/21/2025	Chemtech -SO
Q2103-04	BC248114-END	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/21/2025	Chemtech -SO
Q2104-01	TR-06-052125	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/21/2025	Chemtech -SO
Q2104-02	TR-06-052125-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/21/2025	Chemtech -SO

Date/Time 05/21/25 15:30

Raw Sample Received by: QA WOC

Raw Sample Relinquished by: [Signature]

Date/Time 05/21/25 17:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: QA WOC

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135901

Review By	MOHAN	Review On	5/28/2025 12:39:00 PM
Supervise By	jaswal	Supervise On	5/28/2025 1:44:45 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85749,MP85750,MP85751,MP85752,MP85753,MP85754		
ICV Standard	MP85755		
CCV Standard	MP85757		
ICSA Standard			
CRI Standard	MP85759		
LCS Standard			
Chk Standard	MP85756,MP85758,MP85760,MP85762		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/23/25 12:11		MOHAN	OK
2	S0.2	S0.2	CAL2	05/23/25 12:14		MOHAN	OK
3	S2.5	S2.5	CAL3	05/23/25 12:16		MOHAN	OK
4	S5	S5	CAL4	05/23/25 12:18		MOHAN	OK
5	S7.5	S7.5	CAL5	05/23/25 12:21		MOHAN	OK
6	S10	S10	CAL6	05/23/25 12:26		MOHAN	OK
7	ICV16	ICV16	ICV	05/23/25 12:29		MOHAN	OK
8	ICB16	ICB16	ICB	05/23/25 12:31		MOHAN	OK
9	CCV60	CCV60	CCV	05/23/25 12:34		MOHAN	OK
10	CCB60	CCB60	CCB	05/23/25 12:36		MOHAN	OK
11	CRA	CRA	CRDL	05/23/25 12:38		MOHAN	OK
12	HighStd	HighStd	HIGH STD	05/23/25 12:40		MOHAN	OK
13	ChkStd	ChkStd	SAM	05/23/25 12:43		MOHAN	OK
14	PB168145BS	PB168145BS	LCS	05/23/25 12:47		MOHAN	OK
15	Q2084-01	OR-640-COMP-66	SAM	05/23/25 12:50		MOHAN	OK
16	Q2087-01	NB-07-05202025	SAM	05/23/25 12:52		MOHAN	OK
17	Q2087-03	NB-08-05202025	SAM	05/23/25 12:54		MOHAN	OK
18	Q2087-03DUP	NB-08-05202025DUP	DUP	05/23/25 12:57		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135901

Review By	MOHAN	Review On	5/28/2025 12:39:00 PM
Supervise By	jaswal	Supervise On	5/28/2025 1:44:45 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85749,MP85750,MP85751,MP85752,MP85753,MP85754		
ICV Standard	MP85755		
CCV Standard	MP85757		
ICSA Standard			
CRI Standard	MP85759		
LCS Standard			
Chk Standard	MP85756,MP85758,MP85760,MP85762		

19	Q2087-03MS	NB-08-05202025MS	MS	05/23/25 12:59		MOHAN	OK
20	CCV61	CCV61	CCV	05/23/25 13:01		MOHAN	OK
21	CCB61	CCB61	CCB	05/23/25 13:03		MOHAN	OK
22	Q2087-03MSD	NB-08-05202025MSD	MSD	05/23/25 13:06		MOHAN	OK
23	Q2092-01	VNJ-202	SAM	05/23/25 13:08		MOHAN	OK
24	Q2093-01	SOIL-DRUM	SAM	05/23/25 13:10		MOHAN	OK
25	Q2095-01	WCS-TP1	SAM	05/23/25 13:13		MOHAN	OK
26	Q2095-05	WCS-TP2	SAM	05/23/25 13:15		MOHAN	OK
27	Q2097-01	ETGI-357	SAM	05/23/25 13:17		MOHAN	OK
28	Q2097-03	RBR200044	SAM	05/23/25 13:19		MOHAN	OK
29	Q2097-05	RBR251675	SAM	05/23/25 13:22		MOHAN	OK
30	Q2097-07	VNJ-244	SAM	05/23/25 13:24		MOHAN	OK
31	Q2097-09	ETGI-290	SAM	05/23/25 13:26		MOHAN	OK
32	CCV62	CCV62	CCV	05/23/25 13:28		MOHAN	OK
33	CCB62	CCB62	CCB	05/23/25 13:31		MOHAN	OK
34	Q2097-11	RT3419	SAM	05/23/25 13:33		MOHAN	OK
35	Q2097-13	RBR251372	SAM	05/23/25 13:35		MOHAN	OK
36	Q2097-15	72-12013	SAM	05/23/25 13:38		MOHAN	OK
37	Q2097-17	RT-3888	SAM	05/23/25 13:40		MOHAN	OK
38	PB168146BL	PB168146BL	MB	05/23/25 13:42		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135901

Review By	MOHAN	Review On	5/28/2025 12:39:00 PM
Supervise By	jaswal	Supervise On	5/28/2025 1:44:45 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85749,MP85750,MP85751,MP85752,MP85753,MP85754		
ICV Standard	MP85755		
CCV Standard	MP85757		
ICSA Standard			
CRI Standard	MP85759		
LCS Standard			
Chk Standard	MP85756,MP85758,MP85760,MP85762		

39	PB168146BS	PB168146BS	LCS	05/23/25 13:44		MOHAN	OK
40	Q2100-01	TP-16	SAM	05/23/25 13:47		MOHAN	OK
41	Q2100-02	TP-22	SAM	05/23/25 13:49		MOHAN	OK
42	Q2100-03	TP-21	SAM	05/23/25 13:51		MOHAN	OK
43	Q2100-04	TP-45	SAM	05/23/25 13:54		MOHAN	OK
44	CCV63	CCV63	CCV	05/23/25 13:56		MOHAN	OK
45	CCB63	CCB63	CCB	05/23/25 13:58		MOHAN	OK
46	Q2101-01	TP-1-MHE	SAM	05/23/25 14:00		MOHAN	OK
47	Q2102-01	LAW-25-0077	SAM	05/23/25 14:03		MOHAN	OK
48	Q2104-01	TR-06-052125	SAM	05/23/25 14:05		MOHAN	OK
49	Q2109-01	TP-02-MHF	SAM	05/23/25 14:07		MOHAN	OK
50	Q2109-01DUP	TP-02-MHFDUP	DUP	05/23/25 14:09		MOHAN	OK
51	Q2109-01MS	TP-02-MHFMMS	MS	05/23/25 14:12		MOHAN	OK
52	Q2109-01MSD	TP-02-MHFMMSD	MSD	05/23/25 14:14		MOHAN	OK
53	Q2112-01	EO-03-05222025	SAM	05/23/25 14:16		MOHAN	OK
54	Q2113-01	HD-02-05222025	SAM	05/23/25 14:19		MOHAN	OK
55	CCV64	CCV64	CCV	05/23/25 14:21		MOHAN	OK
56	CCB64	CCB64	CCB	05/23/25 14:23		MOHAN	OK
57	PB168145BL	PB168145BL	MB	05/23/25 14:26		MOHAN	OK
58	Q2087-03L	NB-08-05202025L	SD	05/23/25 14:28		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135901

Review By	MOHAN	Review On	5/28/2025 12:39:00 PM
Supervise By	jaswal	Supervise On	5/28/2025 1:44:45 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85749,MP85750,MP85751,MP85752,MP85753,MP85754		
ICV Standard	MP85755		
CCV Standard	MP85757		
ICSA Standard			
CRI Standard	MP85759		
LCS Standard			
Chk Standard	MP85756,MP85758,MP85760,MP85762		

59	Q2087-03A	NB-08-05202025A	PS	05/23/25 14:30		MOHAN	OK
60	Q2109-01L	TP-02-MHFL	SD	05/23/25 14:32		MOHAN	OK
61	Q2109-01A	TP-02-MHFA	PS	05/23/25 14:35		MOHAN	OK
62	CCV65	CCV65	CCV	05/23/25 14:37		MOHAN	OK
63	CCB65	CCB65	CCB	05/23/25 14:39		MOHAN	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135969

Review By	Janvi	Review On	6/2/2025 2:55:11 PM
Supervise By	jaswal	Supervise On	6/3/2025 6:07:18 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/30/25 14:16		Jaswal	OK
2	S1	S1	CAL2	05/30/25 14:21		Jaswal	OK
3	S2	S2	CAL3	05/30/25 14:25		Jaswal	OK
4	S3	S3	CAL4	05/30/25 14:29		Jaswal	OK
5	S4	S4	CAL5	05/30/25 14:33		Jaswal	OK
6	S5	S5	CAL6	05/30/25 14:37		Jaswal	OK
7	ICV01	ICV01	ICV	05/30/25 15:13		Jaswal	OK
8	LLICV01	LLICV01	LLICV	05/30/25 15:21		Jaswal	OK
9	ICB01	ICB01	ICB	05/30/25 15:26		Jaswal	OK
10	CRI01	CRI01	CRDL	05/30/25 15:30		Jaswal	OK
11	ICSA01	ICSA01	ICSA	05/30/25 15:34		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	05/30/25 15:49		Jaswal	OK
13	ICSADL	ICSADL	ICSA	05/30/25 15:53		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	05/30/25 15:58		Jaswal	OK
15	CCV01	CCV01	CCV	05/30/25 16:02		Jaswal	OK
16	CCB01	CCB01	CCB	05/30/25 16:06		Jaswal	OK
17	Q2127-11	COMP-2	SAM	05/30/25 16:10		Jaswal	OK
18	Q2127-11DUP	COMP-2DUP	DUP	05/30/25 16:15		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135969

Review By	Janvi	Review On	6/2/2025 2:55:11 PM
Supervise By	jaswal	Supervise On	6/3/2025 6:07:18 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

19	Q2127-11L	COMP-2L	SD	05/30/25 16:19	Jaswal	OK
20	Q2127-11MS	COMP-2MS	MS	05/30/25 16:23	Jaswal	OK
21	Q2127-11MSD	COMP-2MSD	MSD	05/30/25 16:27	Jaswal	OK
22	Q2127-11A	COMP-2A	PS	05/30/25 16:31	Jaswal	OK
23	PB168179BL	PB168179BL	MB	05/30/25 16:35	Jaswal	OK
24	PB168179BS	PB168179BS	LCS	05/30/25 16:39	Jaswal	OK
25	PB168167BL	PB168167BL	MB	05/30/25 16:43	Jaswal	OK
26	PB168167BS	PB168167BS	LCS	05/30/25 16:47	Jaswal	OK
27	CCV02	CCV02	CCV	05/30/25 16:52	Jaswal	OK
28	CCB02	CCB02	CCB	05/30/25 16:56	Jaswal	OK
29	PB168117BL	PB168117BL	MB	05/30/25 17:00	Jaswal	OK
30	PB168117BS	PB168117BS	LCS	05/30/25 17:04	Jaswal	OK
31	Q2101-01	TP-1-MHE	SAM	05/30/25 17:08	Jaswal	OK
32	Q2101-01DUP	TP-1-MHEDUP	DUP	05/30/25 17:12	Jaswal	OK
33	Q2101-01L	TP-1-MHEL	SD	05/30/25 17:17	Jaswal	OK
34	Q2101-01MS	TP-1-MHEMS	MS	05/30/25 17:21	Jaswal	OK
35	Q2101-01MSD	TP-1-MHEMSD	MSD	05/30/25 17:25	Jaswal	OK
36	Q2101-01A	TP-1-MHEA	PS	05/30/25 17:29	Jaswal	OK
37	Q2100-01	TP-16	SAM	05/30/25 17:33	Jaswal	OK
38	Q2100-02	TP-22	SAM	05/30/25 17:37	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135969

Review By	Janvi	Review On	6/2/2025 2:55:11 PM
Supervise By	jaswal	Supervise On	6/3/2025 6:07:18 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

39	CCV03	CCV03	CCV	05/30/25 17:41		Jaswal	OK
40	CCB03	CCB03	CCB	05/30/25 17:45		Jaswal	OK
41	Q2100-03	TP-21	SAM	05/30/25 17:50		Jaswal	OK
42	Q2100-04	TP-45	SAM	05/30/25 17:54		Jaswal	OK
43	Q2130-01	TP-3	SAM	05/30/25 17:58		Jaswal	OK
44	Q2136-01	OR-646-COMP-52	SAM	05/30/25 18:02		Jaswal	OK
45	Q2137-01	MOO-25-0151	SAM	05/30/25 18:07	Ba High	Jaswal	Dilution
46	Q2138-01	SMALL-CONCRETE-	SAM	05/30/25 18:11		Jaswal	OK
47	Q2139-01	BELL-25-0010	SAM	05/30/25 18:15		Jaswal	OK
48	Q2141-01	VNJ-215	SAM	05/30/25 18:19		Jaswal	OK
49	PB168199BL	PB168199BL	MB	05/30/25 18:24		Jaswal	OK
50	CCV04	CCV04	CCV	05/30/25 18:28		Jaswal	OK
51	CCB04	CCB04	CCB	05/30/25 18:32		Jaswal	OK
52	Q1872-10	HW0425-PT-MET-SO	SAM	05/30/25 18:37	Cd High	Jaswal	Dilution
53	Q1872-10RE	HW0425-PT-MET-SO	SAM	05/30/25 18:41	Not Use	Jaswal	Not Ok
54	Q1872-10DL	HW0425-PT-MET-SO	SAM	05/30/25 18:46	5X For Cd	Jaswal	Confirms
55	Q1872-10DLRE	HW0425-PT-MET-SO	SAM	05/30/25 18:50	Not Use	Jaswal	Not Ok
56	Q2137-01DL	MOO-25-0151DL	SAM	05/30/25 18:54	5X For Ba	Jaswal	Confirms
57	CCV05	CCV05	CCV	05/30/25 18:58		Jaswal	OK
58	CCB05	CCB05	CCB	05/30/25 19:02		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135969

Review By	Janvi	Review On	6/2/2025 2:55:11 PM
Supervise By	jaswal	Supervise On	6/3/2025 6:07:18 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85552,MP85549,MP85548,MP85547,MP85546		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

59	PB168199BS	PB168199BS	LCS	05/30/25 19:18		Jaswal	OK
60	PB167748BL	PB167748BL	MB	05/30/25 19:22		Jaswal	OK
61	PB167748BS	PB167748BS	LCS	05/30/25 19:26		Jaswal	OK
62	CCV06	CCV06	CCV	05/30/25 19:30		Jaswal	OK
63	CCB06	CCB06	CCB	05/30/25 19:34		Jaswal	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 7325904679 FAX: 7322257851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDM SMITH.COM
PHONE: 7325904679 FAX: 7322257851

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. 2. 3. 4. 5. 6. 7. 8. 9.
TCL VOC
TCL SVOC
TAL METALS
PCB
PESTICIDES
HERBICIDES
DRO/GRO

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-16	SOIL		X	5/19/25	1515	6	X	X	X	X	X	X	X			E
2.	TP-22	SOIL		X	5/19/25	1055	6	X	X	X	X	X	X	X			E
3.	TP-21	SOIL		X	5/20/25	0845	6	X	X	X	X	X	X	X			E
4.	TP-45	SOIL		X	5/20/25	1050	6	X	X	X	X	X	X	X			E
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP: 3.8 °C
1. [Signature]	5/20/25	1. [Signature] 5-20-25	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. [Signature]		2. [Signature]	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. [Signature]	5-20-25	3. [Signature]	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2100	CAMP02	Order Date : 5/20/2025 3:22:00 PM	Project Mgr :
Client Name : CDM Smith		Project Name : South River WM Replacem	Report Type : Level 1 ^{NO} Reduce
Client Contact : Marcie Ann Encinas		Receive Date/Time : 5/20/2025 12:00:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith		Purchase Order : 16 95	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2100-01	TP-16	Solid	05/20/2025 05/19/2025	15:15	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2100-02	TP-22	Solid	05/20/2025 05/19/2025	10:55	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2100-03	TP-21	Solid	05/20/2025	08:45	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2100-04	TP-45	Solid	05/20/2025	10:50	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time : 5/21/25 945

Received By :

Date / Time : 5-21-25 10:25

Storage Area : VOA Refridgerator Room