

Cover Page

Order ID : Q2010

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number

Q2010-01
Q2010-02
Q2010-03
Q2010-04

Client Sample Number

TP-10
TP-13
TP-14
TP-17

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: 5/17/2025

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 #: Q2010

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: NILESH PRAJAPATI

Date: 05/17/2025

LAB CHRONICLE

OrderID:	Q2010	OrderDate:	5/9/2025 4:00:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2010-01	TP-10	SOIL			05/08/25			05/09/25
			Mercury	7471B		05/13/25	05/13/25	
			Metals ICP-TAL	6010D		05/13/25	05/16/25	
Q2010-02	TP-13	SOIL			05/08/25			05/09/25
			Mercury	7471B		05/13/25	05/13/25	
			Metals ICP-TAL	6010D		05/13/25	05/16/25	
Q2010-03	TP-14	SOIL			05/08/25			05/09/25
			Mercury	7471B		05/13/25	05/13/25	
			Metals ICP-TAL	6010D		05/13/25	05/16/25	
Q2010-04	TP-17	SOIL			05/08/25			05/09/25
			Mercury	7471B		05/13/25	05/13/25	
			Metals ICP-TAL	6010D		05/13/25	05/16/25	

Hit Summary Sheet
SW-846

SDG No.: Q2010

Order ID: Q2010

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-10								
Q2010-01	TP-10	SOIL	Aluminum	5560		0.85	5.03	mg/Kg
Q2010-01	TP-10	SOIL	Arsenic	6.09		0.19	1.01	mg/Kg
Q2010-01	TP-10	SOIL	Barium	23.1		0.74	5.03	mg/Kg
Q2010-01	TP-10	SOIL	Beryllium	0.71		0.025	0.30	mg/Kg
Q2010-01	TP-10	SOIL	Calcium	5780		11.2	101	mg/Kg
Q2010-01	TP-10	SOIL	Chromium	18.7		0.047	0.50	mg/Kg
Q2010-01	TP-10	SOIL	Cobalt	3.32		0.10	1.51	mg/Kg
Q2010-01	TP-10	SOIL	Copper	13.1		0.22	1.01	mg/Kg
Q2010-01	TP-10	SOIL	Iron	20600		4.02	5.03	mg/Kg
Q2010-01	TP-10	SOIL	Lead	18.3		0.13	0.60	mg/Kg
Q2010-01	TP-10	SOIL	Magnesium	1500		12.1	101	mg/Kg
Q2010-01	TP-10	SOIL	Manganese	66.3		0.14	1.01	mg/Kg
Q2010-01	TP-10	SOIL	Mercury	0.027		0.0080	0.014	mg/Kg
Q2010-01	TP-10	SOIL	Nickel	5.39		0.13	2.01	mg/Kg
Q2010-01	TP-10	SOIL	Potassium	354		27.9	101	mg/Kg
Q2010-01	TP-10	SOIL	Selenium	1.71		0.26	1.01	mg/Kg
Q2010-01	TP-10	SOIL	Sodium	141		17.9	101	mg/Kg
Q2010-01	TP-10	SOIL	Thallium	1.19	J	0.23	2.01	mg/Kg
Q2010-01	TP-10	SOIL	Vanadium	22.0		0.25	2.01	mg/Kg
Q2010-01	TP-10	SOIL	Zinc	24.3		0.23	2.01	mg/Kg
Client ID : TP-13								
Q2010-02	TP-13	SOIL	Aluminum	1420		0.95	5.67	mg/Kg
Q2010-02	TP-13	SOIL	Arsenic	2.01		0.22	1.13	mg/Kg
Q2010-02	TP-13	SOIL	Barium	88.5		0.83	5.67	mg/Kg
Q2010-02	TP-13	SOIL	Beryllium	0.66		0.028	0.34	mg/Kg
Q2010-02	TP-13	SOIL	Calcium	736		12.6	113	mg/Kg
Q2010-02	TP-13	SOIL	Chromium	3.18		0.053	0.57	mg/Kg
Q2010-02	TP-13	SOIL	Cobalt	11.6		0.11	1.70	mg/Kg
Q2010-02	TP-13	SOIL	Copper	8.79		0.25	1.13	mg/Kg
Q2010-02	TP-13	SOIL	Iron	52100		4.52	5.67	mg/Kg
Q2010-02	TP-13	SOIL	Lead	3.70		0.15	0.68	mg/Kg
Q2010-02	TP-13	SOIL	Magnesium	36.5	J	13.6	113	mg/Kg
Q2010-02	TP-13	SOIL	Manganese	1880		0.16	1.13	mg/Kg
Q2010-02	TP-13	SOIL	Mercury	0.029		0.0080	0.015	mg/Kg
Q2010-02	TP-13	SOIL	Nickel	4.50		0.15	2.27	mg/Kg
Q2010-02	TP-13	SOIL	Potassium	86.9	J	31.4	113	mg/Kg
Q2010-02	TP-13	SOIL	Selenium	4.21		0.30	1.13	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2010

Order ID: Q2010

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2010-02	TP-13	SOIL	Sodium	180		20.2	113	mg/Kg
Q2010-02	TP-13	SOIL	Thallium	4.13		0.26	2.27	mg/Kg
Q2010-02	TP-13	SOIL	Vanadium	4.94		0.28	2.27	mg/Kg
Q2010-02	TP-13	SOIL	Zinc	5.63		0.26	2.27	mg/Kg
Client ID : TP-14								
Q2010-03	TP-14	SOIL	Aluminum	3690		0.98	5.85	mg/Kg
Q2010-03	TP-14	SOIL	Arsenic	4.94		0.22	1.17	mg/Kg
Q2010-03	TP-14	SOIL	Barium	13.7		0.85	5.85	mg/Kg
Q2010-03	TP-14	SOIL	Beryllium	0.64		0.029	0.35	mg/Kg
Q2010-03	TP-14	SOIL	Calcium	468		13.0	117	mg/Kg
Q2010-03	TP-14	SOIL	Chromium	19.5		0.055	0.59	mg/Kg
Q2010-03	TP-14	SOIL	Cobalt	1.73	J	0.12	1.75	mg/Kg
Q2010-03	TP-14	SOIL	Copper	19.8		0.26	1.17	mg/Kg
Q2010-03	TP-14	SOIL	Iron	24600		4.66	5.85	mg/Kg
Q2010-03	TP-14	SOIL	Lead	10.7		0.15	0.70	mg/Kg
Q2010-03	TP-14	SOIL	Magnesium	308		14.0	117	mg/Kg
Q2010-03	TP-14	SOIL	Manganese	45.0		0.16	1.17	mg/Kg
Q2010-03	TP-14	SOIL	Mercury	0.021		0.0090	0.016	mg/Kg
Q2010-03	TP-14	SOIL	Nickel	2.19	J	0.15	2.34	mg/Kg
Q2010-03	TP-14	SOIL	Potassium	385		32.4	117	mg/Kg
Q2010-03	TP-14	SOIL	Selenium	1.90		0.30	1.17	mg/Kg
Q2010-03	TP-14	SOIL	Sodium	134		20.8	117	mg/Kg
Q2010-03	TP-14	SOIL	Thallium	1.95	J	0.27	2.34	mg/Kg
Q2010-03	TP-14	SOIL	Vanadium	22.7		0.29	2.34	mg/Kg
Q2010-03	TP-14	SOIL	Zinc	18.0		0.27	2.34	mg/Kg
Client ID : TP-17								
Q2010-04	TP-17	SOIL	Aluminum	1840		0.92	5.45	mg/Kg
Q2010-04	TP-17	SOIL	Arsenic	2.77		0.21	1.09	mg/Kg
Q2010-04	TP-17	SOIL	Barium	61.7		0.80	5.45	mg/Kg
Q2010-04	TP-17	SOIL	Beryllium	0.45		0.027	0.33	mg/Kg
Q2010-04	TP-17	SOIL	Calcium	989		12.1	109	mg/Kg
Q2010-04	TP-17	SOIL	Chromium	14.4		0.051	0.55	mg/Kg
Q2010-04	TP-17	SOIL	Cobalt	1.63	J	0.11	1.64	mg/Kg
Q2010-04	TP-17	SOIL	Copper	18.6		0.24	1.09	mg/Kg
Q2010-04	TP-17	SOIL	Iron	21000		4.35	5.45	mg/Kg
Q2010-04	TP-17	SOIL	Lead	7.32		0.14	0.65	mg/Kg
Q2010-04	TP-17	SOIL	Magnesium	141		13.1	109	mg/Kg
Q2010-04	TP-17	SOIL	Manganese	136		0.15	1.09	mg/Kg
Q2010-04	TP-17	SOIL	Mercury	0.014	J	0.0090	0.017	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2010

Order ID: Q2010

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2010-04	TP-17	SOIL	Nickel	1.09	J	0.14	2.18	mg/Kg
Q2010-04	TP-17	SOIL	Potassium	369		30.2	109	mg/Kg
Q2010-04	TP-17	SOIL	Selenium	1.59		0.28	1.09	mg/Kg
Q2010-04	TP-17	SOIL	Sodium	122		19.4	109	mg/Kg
Q2010-04	TP-17	SOIL	Thallium	0.65	J	0.25	2.18	mg/Kg
Q2010-04	TP-17	SOIL	Vanadium	114		0.27	2.18	mg/Kg
Q2010-04	TP-17	SOIL	Zinc	2.73		0.25	2.18	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-10	SDG No.:	Q2010
Lab Sample ID:	Q2010-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5560		1	0.85	5.03	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.52	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-38-2	Arsenic	6.09		1	0.19	1.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-39-3	Barium	23.1		1	0.74	5.03	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-41-7	Beryllium	0.71		1	0.025	0.30	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-43-9	Cadmium	0.024	U	1	0.024	0.30	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-70-2	Calcium	5780	*	1	11.2	101	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-47-3	Chromium	18.7		1	0.047	0.50	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-48-4	Cobalt	3.32		1	0.10	1.51	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-50-8	Copper	13.1		1	0.22	1.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7439-89-6	Iron	20600		1	4.02	5.03	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7439-92-1	Lead	18.3		1	0.13	0.60	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7439-95-4	Magnesium	1500		1	12.1	101	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7439-96-5	Manganese	66.3		1	0.14	1.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7439-97-6	Mercury	0.027		1	0.0080	0.014	mg/Kg	05/13/25 08:35	05/13/25 12:26	7471B	
7440-02-0	Nickel	5.39		1	0.13	2.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-09-7	Potassium	354		1	27.9	101	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7782-49-2	Selenium	1.71		1	0.26	1.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-22-4	Silver	0.12	U	1	0.12	0.50	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-23-5	Sodium	141	N	1	17.9	101	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-28-0	Thallium	1.19	J	1	0.23	2.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-62-2	Vanadium	22.0		1	0.25	2.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	6010D	SW3050
7440-66-6	Zinc	24.3		1	0.23	2.01	mg/Kg	05/13/25 10:05	05/16/25 14:28	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:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-13	SDG No.:	Q2010
Lab Sample ID:	Q2010-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1420		1	0.95	5.67	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-36-0	Antimony	0.25	UN	1	0.25	2.83	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-38-2	Arsenic	2.01		1	0.22	1.13	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-39-3	Barium	88.5		1	0.83	5.67	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-41-7	Beryllium	0.66		1	0.028	0.34	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-43-9	Cadmium	0.027	U	1	0.027	0.34	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-70-2	Calcium	736	*	1	12.6	113	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-47-3	Chromium	3.18		1	0.053	0.57	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-48-4	Cobalt	11.6		1	0.11	1.70	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-50-8	Copper	8.79		1	0.25	1.13	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7439-89-6	Iron	52100		1	4.52	5.67	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7439-92-1	Lead	3.70		1	0.15	0.68	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7439-95-4	Magnesium	36.5	J	1	13.6	113	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7439-96-5	Manganese	1880		1	0.16	1.13	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7439-97-6	Mercury	0.029		1	0.0080	0.015	mg/Kg	05/13/25 08:35	05/13/25 12:28	7471B	
7440-02-0	Nickel	4.50		1	0.15	2.27	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-09-7	Potassium	86.9	J	1	31.4	113	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7782-49-2	Selenium	4.21		1	0.30	1.13	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-22-4	Silver	0.14	U	1	0.14	0.57	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-23-5	Sodium	180	N	1	20.2	113	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-28-0	Thallium	4.13		1	0.26	2.27	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-62-2	Vanadium	4.94		1	0.28	2.27	mg/Kg	05/13/25 10:05	05/16/25 14:44	6010D	SW3050
7440-66-6	Zinc	5.63		1	0.26	2.27	mg/Kg	05/13/25 10:05	05/16/25 14:44	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
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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:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-14	SDG No.:	Q2010
Lab Sample ID:	Q2010-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3690		1	0.98	5.85	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-36-0	Antimony	0.26	UN	1	0.26	2.92	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-38-2	Arsenic	4.94		1	0.22	1.17	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-39-3	Barium	13.7		1	0.85	5.85	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-41-7	Beryllium	0.64		1	0.029	0.35	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-43-9	Cadmium	0.028	U	1	0.028	0.35	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-70-2	Calcium	468	*	1	13.0	117	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-47-3	Chromium	19.5		1	0.055	0.59	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-48-4	Cobalt	1.73	J	1	0.12	1.75	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-50-8	Copper	19.8		1	0.26	1.17	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7439-89-6	Iron	24600		1	4.66	5.85	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7439-92-1	Lead	10.7		1	0.15	0.70	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7439-95-4	Magnesium	308		1	14.0	117	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7439-96-5	Manganese	45.0		1	0.16	1.17	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7439-97-6	Mercury	0.021		1	0.0090	0.016	mg/Kg	05/13/25 08:35	05/13/25 12:30	7471B	
7440-02-0	Nickel	2.19	J	1	0.15	2.34	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-09-7	Potassium	385		1	32.4	117	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7782-49-2	Selenium	1.90		1	0.30	1.17	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-22-4	Silver	0.14	U	1	0.14	0.59	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-23-5	Sodium	134	N	1	20.8	117	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-28-0	Thallium	1.95	J	1	0.27	2.34	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-62-2	Vanadium	22.7		1	0.29	2.34	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050
7440-66-6	Zinc	18.0		1	0.27	2.34	mg/Kg	05/13/25 10:05	05/16/25 14:49	6010D	SW3050

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

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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/08/25
Project:	South River WM Replacement	Date Received:	05/09/25
Client Sample ID:	TP-17	SDG No.:	Q2010
Lab Sample ID:	Q2010-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	77.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1840		1	0.92	5.45	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-36-0	Antimony	0.24	UN	1	0.24	2.73	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-38-2	Arsenic	2.77		1	0.21	1.09	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-39-3	Barium	61.7		1	0.80	5.45	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-41-7	Beryllium	0.45		1	0.027	0.33	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-43-9	Cadmium	0.026	U	1	0.026	0.33	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-70-2	Calcium	989	*	1	12.1	109	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-47-3	Chromium	14.4		1	0.051	0.55	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-48-4	Cobalt	1.63	J	1	0.11	1.64	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-50-8	Copper	18.6		1	0.24	1.09	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7439-89-6	Iron	21000		1	4.35	5.45	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7439-92-1	Lead	7.32		1	0.14	0.65	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7439-95-4	Magnesium	141		1	13.1	109	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7439-96-5	Manganese	136		1	0.15	1.09	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7439-97-6	Mercury	0.014	J	1	0.0090	0.017	mg/Kg	05/13/25 08:35	05/13/25 12:32	7471B	
7440-02-0	Nickel	1.09	J	1	0.14	2.18	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-09-7	Potassium	369		1	30.2	109	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7782-49-2	Selenium	1.59		1	0.28	1.09	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-22-4	Silver	0.13	U	1	0.13	0.55	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-23-5	Sodium	122	N	1	19.4	109	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-28-0	Thallium	0.65	J	1	0.25	2.18	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-62-2	Vanadium	114		1	0.27	2.18	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050
7440-66-6	Zinc	2.73		1	0.25	2.18	mg/Kg	05/13/25 10:05	05/16/25 14:53	6010D	SW3050

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

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

J = Estimated Value
 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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
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
ICV07	Mercury	4.11	4.0	103	90 - 110	CV	05/13/2025	11:07	LB135751

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
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
CCV17	Mercury	4.95	5.0	99	90 - 110	CV	05/13/2025	11:12	LB135751
CCV18	Mercury	4.92	5.0	98	90 - 110	CV	05/13/2025	11:44	LB135751
CCV19	Mercury	5.00	5.0	100	90 - 110	CV	05/13/2025	12:16	LB135751
CCV20	Mercury	5.19	5.0	104	90 - 110	CV	05/13/2025	12:44	LB135751
CCV21	Mercury	4.98	5.0	100	90 - 110	CV	05/13/2025	13:17	LB135751

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2010
Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
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	2430	2500	97	90 - 110	P	05/16/2025	12:48	LB135802
	Antimony	1030	1000	103	90 - 110	P	05/16/2025	12:48	LB135802
	Arsenic	1010	1000	101	90 - 110	P	05/16/2025	12:48	LB135802
	Barium	472	520	91	90 - 110	P	05/16/2025	12:48	LB135802
	Beryllium	488	510	96	90 - 110	P	05/16/2025	12:48	LB135802
	Cadmium	509	510	100	90 - 110	P	05/16/2025	12:48	LB135802
	Calcium	9510	10000	95	90 - 110	P	05/16/2025	12:48	LB135802
	Chromium	507	520	98	90 - 110	P	05/16/2025	12:48	LB135802
	Cobalt	500	520	96	90 - 110	P	05/16/2025	12:48	LB135802
	Copper	514	510	101	90 - 110	P	05/16/2025	12:48	LB135802
	Iron	9400	10000	94	90 - 110	P	05/16/2025	12:48	LB135802
	Lead	993	1000	99	90 - 110	P	05/16/2025	12:48	LB135802
	Magnesium	5580	6000	93	90 - 110	P	05/16/2025	12:48	LB135802
	Manganese	492	520	95	90 - 110	P	05/16/2025	12:48	LB135802
	Nickel	504	530	95	90 - 110	P	05/16/2025	12:48	LB135802
	Potassium	9190	9900	93	90 - 110	P	05/16/2025	12:48	LB135802
	Selenium	1020	1000	102	90 - 110	P	05/16/2025	12:48	LB135802
	Silver	226	250	90	90 - 110	P	05/16/2025	12:48	LB135802
	Sodium	9640	10000	96	90 - 110	P	05/16/2025	12:48	LB135802
	Thallium	1010	1000	101	90 - 110	P	05/16/2025	12:48	LB135802
	Vanadium	483	500	97	90 - 110	P	05/16/2025	12:48	LB135802
	Zinc	999	1000	100	90 - 110	P	05/16/2025	12:48	LB135802

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2010
Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
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	102	100	102	80 - 120	P	05/16/2025	13:00	LB135802
	Antimony	53.5	50.0	107	80 - 120	P	05/16/2025	13:00	LB135802
	Arsenic	21.5	20.0	107	80 - 120	P	05/16/2025	13:00	LB135802
	Barium	92.9	100	93	80 - 120	P	05/16/2025	13:00	LB135802
	Beryllium	5.54	6.0	92	80 - 120	P	05/16/2025	13:00	LB135802
	Cadmium	6.19	6.0	103	80 - 120	P	05/16/2025	13:00	LB135802
	Calcium	1970	2000	99	80 - 120	P	05/16/2025	13:00	LB135802
	Chromium	9.88	10.0	99	80 - 120	P	05/16/2025	13:00	LB135802
	Cobalt	29.7	30.0	99	80 - 120	P	05/16/2025	13:00	LB135802
	Copper	21.9	20.0	110	80 - 120	P	05/16/2025	13:00	LB135802
	Iron	104	100	104	80 - 120	P	05/16/2025	13:00	LB135802
	Lead	13.2	12.0	110	80 - 120	P	05/16/2025	13:00	LB135802
	Magnesium	2050	2000	103	80 - 120	P	05/16/2025	13:00	LB135802
	Manganese	19.8	20.0	99	80 - 120	P	05/16/2025	13:00	LB135802
	Nickel	40.2	40.0	100	80 - 120	P	05/16/2025	13:00	LB135802
	Potassium	1940	2000	97	80 - 120	P	05/16/2025	13:00	LB135802
	Selenium	22.0	20.0	110	80 - 120	P	05/16/2025	13:00	LB135802
	Silver	9.86	10.0	99	80 - 120	P	05/16/2025	13:00	LB135802
	Sodium	1670	2000	83	80 - 120	P	05/16/2025	13:00	LB135802
	Thallium	39.9	40.0	100	80 - 120	P	05/16/2025	13:00	LB135802
	Vanadium	39.6	40.0	99	80 - 120	P	05/16/2025	13:00	LB135802
	Zinc	42.2	40.0	105	80 - 120	P	05/16/2025	13:00	LB135802

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
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	9980	10000	100	90 - 110	P	05/16/2025	13:35	LB135802
	Antimony	5060	5000	101	90 - 110	P	05/16/2025	13:35	LB135802
	Arsenic	5000	5000	100	90 - 110	P	05/16/2025	13:35	LB135802
	Barium	9710	10000	97	90 - 110	P	05/16/2025	13:35	LB135802
	Beryllium	261	250	104	90 - 110	P	05/16/2025	13:35	LB135802
	Cadmium	2500	2500	100	90 - 110	P	05/16/2025	13:35	LB135802
	Calcium	24800	25000	99	90 - 110	P	05/16/2025	13:35	LB135802
	Chromium	1010	1000	101	90 - 110	P	05/16/2025	13:35	LB135802
	Cobalt	2520	2500	101	90 - 110	P	05/16/2025	13:35	LB135802
	Copper	1270	1250	102	90 - 110	P	05/16/2025	13:35	LB135802
	Iron	4680	5000	94	90 - 110	P	05/16/2025	13:35	LB135802
	Lead	5030	5000	101	90 - 110	P	05/16/2025	13:35	LB135802
	Magnesium	25000	25000	100	90 - 110	P	05/16/2025	13:35	LB135802
	Manganese	2480	2500	99	90 - 110	P	05/16/2025	13:35	LB135802
	Nickel	2510	2500	100	90 - 110	P	05/16/2025	13:35	LB135802
	Potassium	23400	25000	94	90 - 110	P	05/16/2025	13:35	LB135802
	Selenium	5050	5000	101	90 - 110	P	05/16/2025	13:35	LB135802
	Silver	1250	1250	100	90 - 110	P	05/16/2025	13:35	LB135802
	Sodium	23100	25000	92	90 - 110	P	05/16/2025	13:35	LB135802
	Thallium	5100	5000	102	90 - 110	P	05/16/2025	13:35	LB135802
	Vanadium	2490	2500	100	90 - 110	P	05/16/2025	13:35	LB135802
	Zinc	2520	2500	101	90 - 110	P	05/16/2025	13:35	LB135802
CCV02	Aluminum	9780	10000	98	90 - 110	P	05/16/2025	14:36	LB135802
	Antimony	4980	5000	100	90 - 110	P	05/16/2025	14:36	LB135802
	Arsenic	4920	5000	98	90 - 110	P	05/16/2025	14:36	LB135802
	Barium	9530	10000	95	90 - 110	P	05/16/2025	14:36	LB135802
	Beryllium	250	250	100	90 - 110	P	05/16/2025	14:36	LB135802
	Cadmium	2450	2500	98	90 - 110	P	05/16/2025	14:36	LB135802
	Calcium	24100	25000	96	90 - 110	P	05/16/2025	14:36	LB135802
	Chromium	996	1000	100	90 - 110	P	05/16/2025	14:36	LB135802
	Cobalt	2460	2500	98	90 - 110	P	05/16/2025	14:36	LB135802
	Copper	1250	1250	100	90 - 110	P	05/16/2025	14:36	LB135802
	Iron	4790	5000	96	90 - 110	P	05/16/2025	14:36	LB135802
	Lead	4920	5000	98	90 - 110	P	05/16/2025	14:36	LB135802

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
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	24300	25000	97	90 - 110	P	05/16/2025	14:36	LB135802
	Manganese	2400	2500	96	90 - 110	P	05/16/2025	14:36	LB135802
	Nickel	2460	2500	98	90 - 110	P	05/16/2025	14:36	LB135802
	Potassium	24000	25000	96	90 - 110	P	05/16/2025	14:36	LB135802
	Selenium	4990	5000	100	90 - 110	P	05/16/2025	14:36	LB135802
	Silver	1240	1250	100	90 - 110	P	05/16/2025	14:36	LB135802
	Sodium	23600	25000	95	90 - 110	P	05/16/2025	14:36	LB135802
	Thallium	5070	5000	101	90 - 110	P	05/16/2025	14:36	LB135802
	Vanadium	2430	2500	97	90 - 110	P	05/16/2025	14:36	LB135802
	Zinc	2520	2500	101	90 - 110	P	05/16/2025	14:36	LB135802
CCV03	Aluminum	9580	10000	96	90 - 110	P	05/16/2025	15:22	LB135802
	Antimony	4980	5000	100	90 - 110	P	05/16/2025	15:22	LB135802
	Arsenic	4960	5000	99	90 - 110	P	05/16/2025	15:22	LB135802
	Barium	9500	10000	95	90 - 110	P	05/16/2025	15:22	LB135802
	Beryllium	238	250	95	90 - 110	P	05/16/2025	15:22	LB135802
	Cadmium	2470	2500	99	90 - 110	P	05/16/2025	15:22	LB135802
	Calcium	23900	25000	96	90 - 110	P	05/16/2025	15:22	LB135802
	Chromium	992	1000	99	90 - 110	P	05/16/2025	15:22	LB135802
	Cobalt	2470	2500	99	90 - 110	P	05/16/2025	15:22	LB135802
	Copper	1250	1250	100	90 - 110	P	05/16/2025	15:22	LB135802
	Iron	4970	5000	99	90 - 110	P	05/16/2025	15:22	LB135802
	Lead	4940	5000	99	90 - 110	P	05/16/2025	15:22	LB135802
	Magnesium	23800	25000	95	90 - 110	P	05/16/2025	15:22	LB135802
	Manganese	2390	2500	96	90 - 110	P	05/16/2025	15:22	LB135802
	Nickel	2470	2500	99	90 - 110	P	05/16/2025	15:22	LB135802
	Potassium	24900	25000	100	90 - 110	P	05/16/2025	15:22	LB135802
	Selenium	5040	5000	101	90 - 110	P	05/16/2025	15:22	LB135802
	Silver	1230	1250	99	90 - 110	P	05/16/2025	15:22	LB135802
	Sodium	24700	25000	99	90 - 110	P	05/16/2025	15:22	LB135802
	Thallium	5090	5000	102	90 - 110	P	05/16/2025	15:22	LB135802
	Vanadium	2410	2500	96	90 - 110	P	05/16/2025	15:22	LB135802
	Zinc	2480	2500	99	90 - 110	P	05/16/2025	15:22	LB135802
CCV04	Aluminum	9640	10000	96	90 - 110	P	05/16/2025	16:08	LB135802
	Antimony	4920	5000	98	90 - 110	P	05/16/2025	16:08	LB135802

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2010
Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
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	4870	5000	97	90 - 110	P	05/16/2025	16:08	LB135802
	Barium	9500	10000	95	90 - 110	P	05/16/2025	16:08	LB135802
	Beryllium	238	250	95	90 - 110	P	05/16/2025	16:08	LB135802
	Cadmium	2430	2500	97	90 - 110	P	05/16/2025	16:08	LB135802
	Calcium	23900	25000	96	90 - 110	P	05/16/2025	16:08	LB135802
	Chromium	982	1000	98	90 - 110	P	05/16/2025	16:08	LB135802
	Cobalt	2440	2500	98	90 - 110	P	05/16/2025	16:08	LB135802
	Copper	1240	1250	99	90 - 110	P	05/16/2025	16:08	LB135802
	Iron	4810	5000	96	90 - 110	P	05/16/2025	16:08	LB135802
	Lead	4890	5000	98	90 - 110	P	05/16/2025	16:08	LB135802
	Magnesium	24000	25000	96	90 - 110	P	05/16/2025	16:08	LB135802
	Manganese	2380	2500	95	90 - 110	P	05/16/2025	16:08	LB135802
	Nickel	2440	2500	98	90 - 110	P	05/16/2025	16:08	LB135802
	Potassium	24000	25000	96	90 - 110	P	05/16/2025	16:08	LB135802
	Selenium	4940	5000	99	90 - 110	P	05/16/2025	16:08	LB135802
	Silver	1210	1250	97	90 - 110	P	05/16/2025	16:08	LB135802
	Sodium	23800	25000	95	90 - 110	P	05/16/2025	16:08	LB135802
	Thallium	5080	5000	102	90 - 110	P	05/16/2025	16:08	LB135802
	Vanadium	2410	2500	96	90 - 110	P	05/16/2025	16:08	LB135802
	Zinc	2440	2500	98	90 - 110	P	05/16/2025	16:08	LB135802
CCV05	Aluminum	9800	10000	98	90 - 110	P	05/16/2025	16:53	LB135802
	Antimony	4980	5000	100	90 - 110	P	05/16/2025	16:53	LB135802
	Arsenic	4930	5000	99	90 - 110	P	05/16/2025	16:53	LB135802
	Barium	9440	10000	94	90 - 110	P	05/16/2025	16:53	LB135802
	Beryllium	256	250	102	90 - 110	P	05/16/2025	16:53	LB135802
	Cadmium	2460	2500	98	90 - 110	P	05/16/2025	16:53	LB135802
	Calcium	24200	25000	97	90 - 110	P	05/16/2025	16:53	LB135802
	Chromium	992	1000	99	90 - 110	P	05/16/2025	16:53	LB135802
	Cobalt	2470	2500	99	90 - 110	P	05/16/2025	16:53	LB135802
	Copper	1250	1250	100	90 - 110	P	05/16/2025	16:53	LB135802
	Iron	4680	5000	94	90 - 110	P	05/16/2025	16:53	LB135802
	Lead	4930	5000	99	90 - 110	P	05/16/2025	16:53	LB135802
	Magnesium	24400	25000	98	90 - 110	P	05/16/2025	16:53	LB135802
	Manganese	2420	2500	97	90 - 110	P	05/16/2025	16:53	LB135802

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
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	2460	2500	98	90 - 110	P	05/16/2025	16:53	LB135802
	Potassium	23500	25000	94	90 - 110	P	05/16/2025	16:53	LB135802
	Selenium	5000	5000	100	90 - 110	P	05/16/2025	16:53	LB135802
	Silver	1240	1250	99	90 - 110	P	05/16/2025	16:53	LB135802
	Sodium	23200	25000	93	90 - 110	P	05/16/2025	16:53	LB135802
	Thallium	5090	5000	102	90 - 110	P	05/16/2025	16:53	LB135802
	Vanadium	2440	2500	98	90 - 110	P	05/16/2025	16:53	LB135802
	Zinc	2500	2500	100	90 - 110	P	05/16/2025	16:53	LB135802
CCV06	Aluminum	9630	10000	96	90 - 110	P	05/16/2025	17:28	LB135802
	Antimony	4890	5000	98	90 - 110	P	05/16/2025	17:28	LB135802
	Arsenic	4890	5000	98	90 - 110	P	05/16/2025	17:28	LB135802
	Barium	9380	10000	94	90 - 110	P	05/16/2025	17:28	LB135802
	Beryllium	248	250	99	90 - 110	P	05/16/2025	17:28	LB135802
	Cadmium	2460	2500	98	90 - 110	P	05/16/2025	17:28	LB135802
	Calcium	23800	25000	95	90 - 110	P	05/16/2025	17:28	LB135802
	Chromium	987	1000	99	90 - 110	P	05/16/2025	17:28	LB135802
	Cobalt	2440	2500	98	90 - 110	P	05/16/2025	17:28	LB135802
	Copper	1230	1250	98	90 - 110	P	05/16/2025	17:28	LB135802
	Iron	4770	5000	95	90 - 110	P	05/16/2025	17:28	LB135802
	Lead	4920	5000	98	90 - 110	P	05/16/2025	17:28	LB135802
	Magnesium	24000	25000	96	90 - 110	P	05/16/2025	17:28	LB135802
	Manganese	2370	2500	95	90 - 110	P	05/16/2025	17:28	LB135802
	Nickel	2440	2500	98	90 - 110	P	05/16/2025	17:28	LB135802
	Potassium	23900	25000	96	90 - 110	P	05/16/2025	17:28	LB135802
	Selenium	4960	5000	99	90 - 110	P	05/16/2025	17:28	LB135802
	Silver	1230	1250	99	90 - 110	P	05/16/2025	17:28	LB135802
	Sodium	23600	25000	94	90 - 110	P	05/16/2025	17:28	LB135802
	Thallium	4990	5000	100	90 - 110	P	05/16/2025	17:28	LB135802
	Vanadium	2400	2500	96	90 - 110	P	05/16/2025	17:28	LB135802
	Zinc	2490	2500	100	90 - 110	P	05/16/2025	17:28	LB135802



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

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CRDL STANDARD FOR AA & ICP

Client: CDM Smith SDG No.: Q2010
Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
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	0.19	0.2	95	70 - 130	CV	05/13/2025	11:16	LB135751
CRI01	Aluminum	107	100	107	65 - 135	P	05/16/2025	13:09	LB135802
	Antimony	51.8	50.0	104	65 - 135	P	05/16/2025	13:09	LB135802
	Arsenic	19.3	20.0	96	65 - 135	P	05/16/2025	13:09	LB135802
	Barium	93.2	100	93	65 - 135	P	05/16/2025	13:09	LB135802
	Beryllium	5.77	6.0	96	65 - 135	P	05/16/2025	13:09	LB135802
	Cadmium	6.13	6.0	102	65 - 135	P	05/16/2025	13:09	LB135802
	Calcium	1980	2000	99	65 - 135	P	05/16/2025	13:09	LB135802
	Chromium	9.83	10.0	98	65 - 135	P	05/16/2025	13:09	LB135802
	Cobalt	29.6	30.0	99	65 - 135	P	05/16/2025	13:09	LB135802
	Copper	22.1	20.0	110	65 - 135	P	05/16/2025	13:09	LB135802
	Iron	103	100	103	65 - 135	P	05/16/2025	13:09	LB135802
	Lead	13.3	12.0	111	65 - 135	P	05/16/2025	13:09	LB135802
	Magnesium	2040	2000	102	65 - 135	P	05/16/2025	13:09	LB135802
	Manganese	20.5	20.0	103	65 - 135	P	05/16/2025	13:09	LB135802
	Nickel	39.6	40.0	99	65 - 135	P	05/16/2025	13:09	LB135802
	Potassium	1920	2000	96	65 - 135	P	05/16/2025	13:09	LB135802
	Selenium	18.9	20.0	95	65 - 135	P	05/16/2025	13:09	LB135802
	Silver	10.0	10.0	100	65 - 135	P	05/16/2025	13:09	LB135802
	Sodium	1680	2000	84	65 - 135	P	05/16/2025	13:09	LB135802
	Thallium	42.4	40.0	106	65 - 135	P	05/16/2025	13:09	LB135802
	Vanadium	38.7	40.0	97	65 - 135	P	05/16/2025	13:09	LB135802
	Zinc	42.3	40.0	106	65 - 135	P	05/16/2025	13:09	LB135802



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	CDM Smith				SDG No.:	Q2010				
Contract:	CAMP02	Lab Code:	CHEM		Case No.:	Q2010	SAS No.:	Q2010		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB07	Mercury	0.20	+/-0.20	U	0.20	CV	05/13/2025	11:09	LB135751	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2010

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2010

SAS No.: Q2010

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB17	Mercury	0.20	+/-0.20	U	0.20	CV	05/13/2025	11:14	LB135751
CCB18	Mercury	0.20	+/-0.20	U	0.20	CV	05/13/2025	11:46	LB135751
CCB19	Mercury	0.20	+/-0.20	U	0.20	CV	05/13/2025	12:19	LB135751
CCB20	Mercury	0.20	+/-0.20	U	0.20	CV	05/13/2025	12:46	LB135751
CCB21	Mercury	0.20	+/-0.20	U	0.20	CV	05/13/2025	13:19	LB135751

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2010							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2010	SAS No.: Q2010						
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	05/16/2025	13:05	LB135802
	Antimony	50.0	+/-50.0	U	50.0	P	05/16/2025	13:05	LB135802
	Arsenic	20.0	+/-20.0	U	20.0	P	05/16/2025	13:05	LB135802
	Barium	100	+/-100	U	100	P	05/16/2025	13:05	LB135802
	Beryllium	6.00	+/-6.00	U	6.00	P	05/16/2025	13:05	LB135802
	Cadmium	6.00	+/-6.00	U	6.00	P	05/16/2025	13:05	LB135802
	Calcium	2000	+/-2000	U	2000	P	05/16/2025	13:05	LB135802
	Chromium	10.0	+/-10.0	U	10.0	P	05/16/2025	13:05	LB135802
	Cobalt	30.0	+/-30.0	U	30.0	P	05/16/2025	13:05	LB135802
	Copper	20.0	+/-20.0	U	20.0	P	05/16/2025	13:05	LB135802
	Iron	100	+/-100	U	100	P	05/16/2025	13:05	LB135802
	Lead	12.0	+/-12.0	U	12.0	P	05/16/2025	13:05	LB135802
	Magnesium	2000	+/-2000	U	2000	P	05/16/2025	13:05	LB135802
	Manganese	20.0	+/-20.0	U	20.0	P	05/16/2025	13:05	LB135802
	Nickel	40.0	+/-40.0	U	40.0	P	05/16/2025	13:05	LB135802
	Potassium	2000	+/-2000	U	2000	P	05/16/2025	13:05	LB135802
	Selenium	20.0	+/-20.0	U	20.0	P	05/16/2025	13:05	LB135802
	Silver	10.0	+/-10.0	U	10.0	P	05/16/2025	13:05	LB135802
	Sodium	2000	+/-2000	U	2000	P	05/16/2025	13:05	LB135802
	Thallium	40.0	+/-40.0	U	40.0	P	05/16/2025	13:05	LB135802
	Vanadium	40.0	+/-40.0	U	40.0	P	05/16/2025	13:05	LB135802
	Zinc	40.0	+/-40.0	U	40.0	P	05/16/2025	13:05	LB135802

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2010							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2010	SAS No.: Q2010						
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	05/16/2025	13:39	LB135802
	Antimony	50.0	+/-50.0	U	50.0	P	05/16/2025	13:39	LB135802
	Arsenic	20.0	+/-20.0	U	20.0	P	05/16/2025	13:39	LB135802
	Barium	100	+/-100	U	100	P	05/16/2025	13:39	LB135802
	Beryllium	6.00	+/-6.00	U	6.00	P	05/16/2025	13:39	LB135802
	Cadmium	6.00	+/-6.00	U	6.00	P	05/16/2025	13:39	LB135802
	Calcium	2000	+/-2000	U	2000	P	05/16/2025	13:39	LB135802
	Chromium	10.0	+/-10.0	U	10.0	P	05/16/2025	13:39	LB135802
	Cobalt	30.0	+/-30.0	U	30.0	P	05/16/2025	13:39	LB135802
	Copper	20.0	+/-20.0	U	20.0	P	05/16/2025	13:39	LB135802
	Iron	100	+/-100	U	100	P	05/16/2025	13:39	LB135802
	Lead	12.0	+/-12.0	U	12.0	P	05/16/2025	13:39	LB135802
	Magnesium	2000	+/-2000	U	2000	P	05/16/2025	13:39	LB135802
	Manganese	20.0	+/-20.0	U	20.0	P	05/16/2025	13:39	LB135802
	Nickel	40.0	+/-40.0	U	40.0	P	05/16/2025	13:39	LB135802
	Potassium	2000	+/-2000	U	2000	P	05/16/2025	13:39	LB135802
	Selenium	20.0	+/-20.0	U	20.0	P	05/16/2025	13:39	LB135802
	Silver	10.0	+/-10.0	U	10.0	P	05/16/2025	13:39	LB135802
	Sodium	2000	+/-2000	U	2000	P	05/16/2025	13:39	LB135802
	Thallium	40.0	+/-40.0	U	40.0	P	05/16/2025	13:39	LB135802
	Vanadium	40.0	+/-40.0	U	40.0	P	05/16/2025	13:39	LB135802
	Zinc	40.0	+/-40.0	U	40.0	P	05/16/2025	13:39	LB135802
CCB02	Aluminum	100	+/-100	U	100	P	05/16/2025	14:40	LB135802
	Antimony	50.0	+/-50.0	U	50.0	P	05/16/2025	14:40	LB135802
	Arsenic	20.0	+/-20.0	U	20.0	P	05/16/2025	14:40	LB135802
	Barium	100	+/-100	U	100	P	05/16/2025	14:40	LB135802
	Beryllium	6.00	+/-6.00	U	6.00	P	05/16/2025	14:40	LB135802
	Cadmium	6.00	+/-6.00	U	6.00	P	05/16/2025	14:40	LB135802
	Calcium	2000	+/-2000	U	2000	P	05/16/2025	14:40	LB135802
	Chromium	10.0	+/-10.0	U	10.0	P	05/16/2025	14:40	LB135802
	Cobalt	30.0	+/-30.0	U	30.0	P	05/16/2025	14:40	LB135802
	Copper	20.0	+/-20.0	U	20.0	P	05/16/2025	14:40	LB135802
	Iron	100	+/-100	U	100	P	05/16/2025	14:40	LB135802
	Lead	12.0	+/-12.0	U	12.0	P	05/16/2025	14:40	LB135802
	Magnesium	2000	+/-2000	U	2000	P	05/16/2025	14:40	LB135802
	Manganese	20.0	+/-20.0	U	20.0	P	05/16/2025	14:40	LB135802
	Nickel	40.0	+/-40.0	U	40.0	P	05/16/2025	14:40	LB135802
	Potassium	2000	+/-2000	U	2000	P	05/16/2025	14:40	LB135802
	Selenium	20.0	+/-20.0	U	20.0	P	05/16/2025	14:40	LB135802

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2010							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2010	SAS No.: Q2010						
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	05/16/2025	14:40	LB135802
	Sodium	2000	+/-2000	U	2000	P	05/16/2025	14:40	LB135802
	Thallium	40.0	+/-40.0	U	40.0	P	05/16/2025	14:40	LB135802
	Vanadium	40.0	+/-40.0	U	40.0	P	05/16/2025	14:40	LB135802
	Zinc	40.0	+/-40.0	U	40.0	P	05/16/2025	14:40	LB135802
CCB03	Aluminum	100	+/-100	U	100	P	05/16/2025	15:26	LB135802
	Antimony	50.0	+/-50.0	U	50.0	P	05/16/2025	15:26	LB135802
	Arsenic	20.0	+/-20.0	U	20.0	P	05/16/2025	15:26	LB135802
	Barium	100	+/-100	U	100	P	05/16/2025	15:26	LB135802
	Beryllium	6.00	+/-6.00	U	6.00	P	05/16/2025	15:26	LB135802
	Cadmium	6.00	+/-6.00	U	6.00	P	05/16/2025	15:26	LB135802
	Calcium	2000	+/-2000	U	2000	P	05/16/2025	15:26	LB135802
	Chromium	10.0	+/-10.0	U	10.0	P	05/16/2025	15:26	LB135802
	Cobalt	30.0	+/-30.0	U	30.0	P	05/16/2025	15:26	LB135802
	Copper	20.0	+/-20.0	U	20.0	P	05/16/2025	15:26	LB135802
	Iron	100	+/-100	U	100	P	05/16/2025	15:26	LB135802
	Lead	12.0	+/-12.0	U	12.0	P	05/16/2025	15:26	LB135802
	Magnesium	2000	+/-2000	U	2000	P	05/16/2025	15:26	LB135802
	Manganese	20.0	+/-20.0	U	20.0	P	05/16/2025	15:26	LB135802
	Nickel	40.0	+/-40.0	U	40.0	P	05/16/2025	15:26	LB135802
	Potassium	2000	+/-2000	U	2000	P	05/16/2025	15:26	LB135802
	Selenium	20.0	+/-20.0	U	20.0	P	05/16/2025	15:26	LB135802
	Silver	10.0	+/-10.0	U	10.0	P	05/16/2025	15:26	LB135802
	Sodium	2000	+/-2000	U	2000	P	05/16/2025	15:26	LB135802
	Thallium	40.0	+/-40.0	U	40.0	P	05/16/2025	15:26	LB135802
	Vanadium	40.0	+/-40.0	U	40.0	P	05/16/2025	15:26	LB135802
	Zinc	40.0	+/-40.0	U	40.0	P	05/16/2025	15:26	LB135802
CCB04	Aluminum	100	+/-100	U	100	P	05/16/2025	16:12	LB135802
	Antimony	50.0	+/-50.0	U	50.0	P	05/16/2025	16:12	LB135802
	Arsenic	20.0	+/-20.0	U	20.0	P	05/16/2025	16:12	LB135802
	Barium	100	+/-100	U	100	P	05/16/2025	16:12	LB135802
	Beryllium	6.00	+/-6.00	U	6.00	P	05/16/2025	16:12	LB135802
	Cadmium	6.00	+/-6.00	U	6.00	P	05/16/2025	16:12	LB135802
	Calcium	2000	+/-2000	U	2000	P	05/16/2025	16:12	LB135802
	Chromium	10.0	+/-10.0	U	10.0	P	05/16/2025	16:12	LB135802
	Cobalt	30.0	+/-30.0	U	30.0	P	05/16/2025	16:12	LB135802
	Copper	20.0	+/-20.0	U	20.0	P	05/16/2025	16:12	LB135802
	Iron	100	+/-100	U	100	P	05/16/2025	16:12	LB135802
	Lead	12.0	+/-12.0	U	12.0	P	05/16/2025	16:12	LB135802

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2010							
Contract: CAMP02	Lab Code: CHEM	Case No.: Q2010	SAS No.: Q2010						
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	05/16/2025	16:12	LB135802
	Manganese	20.0	+/-20.0	U	20.0	P	05/16/2025	16:12	LB135802
	Nickel	40.0	+/-40.0	U	40.0	P	05/16/2025	16:12	LB135802
	Potassium	2000	+/-2000	U	2000	P	05/16/2025	16:12	LB135802
	Selenium	20.0	+/-20.0	U	20.0	P	05/16/2025	16:12	LB135802
	Silver	10.0	+/-10.0	U	10.0	P	05/16/2025	16:12	LB135802
	Sodium	2000	+/-2000	U	2000	P	05/16/2025	16:12	LB135802
	Thallium	40.0	+/-40.0	U	40.0	P	05/16/2025	16:12	LB135802
	Vanadium	40.0	+/-40.0	U	40.0	P	05/16/2025	16:12	LB135802
	Zinc	40.0	+/-40.0	U	40.0	P	05/16/2025	16:12	LB135802
CCB05	Aluminum	100	+/-100	U	100	P	05/16/2025	16:58	LB135802
	Antimony	50.0	+/-50.0	U	50.0	P	05/16/2025	16:58	LB135802
	Arsenic	20.0	+/-20.0	U	20.0	P	05/16/2025	16:58	LB135802
	Barium	100	+/-100	U	100	P	05/16/2025	16:58	LB135802
	Beryllium	6.00	+/-6.00	U	6.00	P	05/16/2025	16:58	LB135802
	Cadmium	6.00	+/-6.00	U	6.00	P	05/16/2025	16:58	LB135802
	Calcium	2000	+/-2000	U	2000	P	05/16/2025	16:58	LB135802
	Chromium	10.0	+/-10.0	U	10.0	P	05/16/2025	16:58	LB135802
	Cobalt	30.0	+/-30.0	U	30.0	P	05/16/2025	16:58	LB135802
	Copper	20.0	+/-20.0	U	20.0	P	05/16/2025	16:58	LB135802
	Iron	100	+/-100	U	100	P	05/16/2025	16:58	LB135802
	Lead	12.0	+/-12.0	U	12.0	P	05/16/2025	16:58	LB135802
	Magnesium	2000	+/-2000	U	2000	P	05/16/2025	16:58	LB135802
	Manganese	20.0	+/-20.0	U	20.0	P	05/16/2025	16:58	LB135802
	Nickel	40.0	+/-40.0	U	40.0	P	05/16/2025	16:58	LB135802
	Potassium	2000	+/-2000	U	2000	P	05/16/2025	16:58	LB135802
	Selenium	20.0	+/-20.0	U	20.0	P	05/16/2025	16:58	LB135802
	Silver	10.0	+/-10.0	U	10.0	P	05/16/2025	16:58	LB135802
	Sodium	2000	+/-2000	U	2000	P	05/16/2025	16:58	LB135802
	Thallium	40.0	+/-40.0	U	40.0	P	05/16/2025	16:58	LB135802
	Vanadium	40.0	+/-40.0	U	40.0	P	05/16/2025	16:58	LB135802
	Zinc	40.0	+/-40.0	U	40.0	P	05/16/2025	16:58	LB135802
CCB06	Aluminum	100	+/-100	U	100	P	05/16/2025	17:32	LB135802
	Antimony	50.0	+/-50.0	U	50.0	P	05/16/2025	17:32	LB135802
	Arsenic	20.0	+/-20.0	U	20.0	P	05/16/2025	17:32	LB135802
	Barium	100	+/-100	U	100	P	05/16/2025	17:32	LB135802
	Beryllium	6.00	+/-6.00	U	6.00	P	05/16/2025	17:32	LB135802
	Cadmium	6.00	+/-6.00	U	6.00	P	05/16/2025	17:32	LB135802
	Calcium	2000	+/-2000	U	2000	P	05/16/2025	17:32	LB135802

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith		SDG No.: Q2010							
Contract:	CAMP02	Lab Code:	CHEM	Case No.:	Q2010	SAS No.:	Q2010		
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	05/16/2025	17:32	LB135802
	Cobalt	30.0	+/-30.0	U	30.0	P	05/16/2025	17:32	LB135802
	Copper	20.0	+/-20.0	U	20.0	P	05/16/2025	17:32	LB135802
	Iron	100	+/-100	U	100	P	05/16/2025	17:32	LB135802
	Lead	12.0	+/-12.0	U	12.0	P	05/16/2025	17:32	LB135802
	Magnesium	2000	+/-2000	U	2000	P	05/16/2025	17:32	LB135802
	Manganese	20.0	+/-20.0	U	20.0	P	05/16/2025	17:32	LB135802
	Nickel	40.0	+/-40.0	U	40.0	P	05/16/2025	17:32	LB135802
	Potassium	2000	+/-2000	U	2000	P	05/16/2025	17:32	LB135802
	Selenium	20.0	+/-20.0	U	20.0	P	05/16/2025	17:32	LB135802
	Silver	10.0	+/-10.0	U	10.0	P	05/16/2025	17:32	LB135802
	Sodium	2000	+/-2000	U	2000	P	05/16/2025	17:32	LB135802
	Thallium	40.0	+/-40.0	U	40.0	P	05/16/2025	17:32	LB135802
	Vanadium	40.0	+/-40.0	U	40.0	P	05/16/2025	17:32	LB135802
	Zinc	40.0	+/-40.0	U	40.0	P	05/16/2025	17:32	LB135802

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2010

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167983BL		SOLID		Batch Number:	PB167983		Prep Date:	05/13/2025	
	Mercury	0.013	<0.013	U	0.013	CV	05/13/2025	12:21	LB135751

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q2010

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167977BL	SOLID			Batch Number:	PB167977		Prep Date:	05/13/2025	
	Aluminum	5.00	<5.00	U	5.00	P	05/16/2025	14:20	LB135802
	Antimony	2.50	<2.50	U	2.50	P	05/16/2025	14:20	LB135802
	Arsenic	1.00	<1.00	U	1.00	P	05/16/2025	14:20	LB135802
	Barium	5.00	<5.00	U	5.00	P	05/16/2025	14:20	LB135802
	Beryllium	0.30	<0.30	U	0.30	P	05/16/2025	14:20	LB135802
	Cadmium	0.30	<0.30	U	0.30	P	05/16/2025	14:20	LB135802
	Calcium	100	<100	U	100	P	05/16/2025	14:20	LB135802
	Chromium	0.50	<0.50	U	0.50	P	05/16/2025	14:20	LB135802
	Cobalt	1.50	<1.50	U	1.50	P	05/16/2025	14:20	LB135802
	Copper	1.00	<1.00	U	1.00	P	05/16/2025	14:20	LB135802
	Iron	5.00	<5.00	U	5.00	P	05/16/2025	14:20	LB135802
	Lead	0.60	<0.60	U	0.60	P	05/16/2025	14:20	LB135802
	Magnesium	100	<100	U	100	P	05/16/2025	14:20	LB135802
	Manganese	1.00	<1.00	U	1.00	P	05/16/2025	14:20	LB135802
	Nickel	2.00	<2.00	U	2.00	P	05/16/2025	14:20	LB135802
	Potassium	100	<100	U	100	P	05/16/2025	14:20	LB135802
	Selenium	1.00	<1.00	U	1.00	P	05/16/2025	14:20	LB135802
	Silver	0.50	<0.50	U	0.50	P	05/16/2025	14:20	LB135802
	Sodium	100	<100	U	100	P	05/16/2025	14:20	LB135802
	Thallium	2.00	<2.00	U	2.00	P	05/16/2025	14:20	LB135802
	Vanadium	2.00	<2.00	U	2.00	P	05/16/2025	14:20	LB135802
	Zinc	2.00	<2.00	U	2.00	P	05/16/2025	14:20	LB135802

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q2010</u>
Contract: <u>CAMP02</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Case No.: <u>Q2010</u>
	SAS No.: <u>Q2010</u>
	Instrument ID: <u>P4</u>

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	238000	255000	93	216000	294000	05/16/2025	13:13	LB135802
	Antimony	-2.91			-50	50	05/16/2025	13:13	LB135802
	Arsenic	7.83			-20	20	05/16/2025	13:13	LB135802
	Barium	4.92	6.0	82	-94	106	05/16/2025	13:13	LB135802
	Beryllium	1.43			-6	6	05/16/2025	13:13	LB135802
	Cadmium	-3.46	1.0	346	-5	7	05/16/2025	13:13	LB135802
	Calcium	224000	245000	91	208000	282000	05/16/2025	13:13	LB135802
	Chromium	53.9	52.0	104	42	62	05/16/2025	13:13	LB135802
	Cobalt	1.20			-30	30	05/16/2025	13:13	LB135802
	Copper	10.5	2.0	524	-18	22	05/16/2025	13:13	LB135802
	Iron	93600	101000	93	85600	116500	05/16/2025	13:13	LB135802
	Lead	-5.18			-12	12	05/16/2025	13:13	LB135802
	Magnesium	240000	255000	94	216000	294000	05/16/2025	13:13	LB135802
	Manganese	4.74	7.0	68	-13	27	05/16/2025	13:13	LB135802
	Nickel	2.80	2.0	140	-38	42	05/16/2025	13:13	LB135802
	Potassium	-41.8			0	0	05/16/2025	13:13	LB135802
	Selenium	5.37			-20	20	05/16/2025	13:13	LB135802
	Silver	-5.21			-10	10	05/16/2025	13:13	LB135802
	Sodium	-199			0	0	05/16/2025	13:13	LB135802
	Thallium	4.61			-40	40	05/16/2025	13:13	LB135802
	Vanadium	3.73			-40	40	05/16/2025	13:13	LB135802
	Zinc	2.53			-40	40	05/16/2025	13:13	LB135802
ICSAB01	Aluminum	240000	247000	97	209000	285000	05/16/2025	13:18	LB135802
	Antimony	630	618	102	525	711	05/16/2025	13:18	LB135802
	Arsenic	113	104	109	88.4	120	05/16/2025	13:18	LB135802
	Barium	477	537	89	437	637	05/16/2025	13:18	LB135802
	Beryllium	486	495	98	420	570	05/16/2025	13:18	LB135802
	Cadmium	1000	972	103	826	1120	05/16/2025	13:18	LB135802
	Calcium	224000	235000	95	199000	271000	05/16/2025	13:18	LB135802
	Chromium	552	542	102	460	624	05/16/2025	13:18	LB135802
	Cobalt	497	476	104	404	548	05/16/2025	13:18	LB135802
	Copper	509	511	100	434	588	05/16/2025	13:18	LB135802
	Iron	93800	99300	94	84400	114500	05/16/2025	13:18	LB135802
	Lead	43.9	49.0	90	37	61	05/16/2025	13:18	LB135802
	Magnesium	239000	248000	96	210000	286000	05/16/2025	13:18	LB135802
	Manganese	477	507	94	430	584	05/16/2025	13:18	LB135802
	Nickel	984	954	103	810	1100	05/16/2025	13:18	LB135802
	Potassium	-42.5			0	0	05/16/2025	13:18	LB135802
	Selenium	56.4	46.0	123	26	66	05/16/2025	13:18	LB135802
	Silver	206	201	102	170	232	05/16/2025	13:18	LB135802
	Sodium	-139			0	0	05/16/2025	13:18	LB135802
	Thallium	105	108	97	68	148	05/16/2025	13:18	LB135802

Metals

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INTERFERENCE CHECK SAMPLE

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
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	473	491	96	417	565	05/16/2025	13:18	LB135802
	Zinc	1030	952	108	809	1095	05/16/2025	13:18	LB135802



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2010
contract: CAMP02 **lab code:** CHEM **case no.:** Q2010 **sas no.:** Q2010
matrix: Solid **sample id:** Q2017-05 **client id:** MH-JMS
Percent Solids for Sample: 82.9 **Spiked ID:** Q2017-05MS **Percent Solids for Spike Sample:** 82.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3250		2930		110	292		P
Antimony	mg/Kg	75 - 125	21.0		2.73	U	45.7	46	N	P
Arsenic	mg/Kg	75 - 125	41.8		1.08	J	45.7	89		P
Barium	mg/Kg	75 - 125	31.9		23.2		11.4	76		P
Beryllium	mg/Kg	75 - 125	9.55		0.29	J	11.4	81		P
Cadmium	mg/Kg	75 - 125	10.9		0.33	U	11.4	96		P
Calcium	mg/Kg	75 - 125	1040		1040		57.2	-14		P
Chromium	mg/Kg	75 - 125	26.0		6.06		22.9	87		P
Cobalt	mg/Kg	75 - 125	14.6		3.76		11.4	95		P
Copper	mg/Kg	75 - 125	24.7		10.2		17.2	84		P
Iron	mg/Kg	75 - 125	7670		7750		170	-47		P
Lead	mg/Kg	75 - 125	59.0		4.01		57.2	96		P
Magnesium	mg/Kg	75 - 125	1500		1410		110	83		P
Manganese	mg/Kg	75 - 125	228		219		11.4	77		P
Mercury	mg/Kg	80 - 120	0.30		0.015	U	0.31	96		CV
Nickel	mg/Kg	75 - 125	34.4		6.66		28.6	97		P
Potassium	mg/Kg	75 - 125	991		431		570	98		P
Selenium	mg/Kg	75 - 125	98.0		0.56	J	110	89		P
Silver	mg/Kg	75 - 125	3.44		0.55	U	4.3	80		P
Sodium	mg/Kg	75 - 125	317		135		170	107		P
Thallium	mg/Kg	75 - 125	115		2.18	U	110	104		P
Vanadium	mg/Kg	75 - 125	23.8		9.39		17.2	84		P
Zinc	mg/Kg	75 - 125	25.3		15.9		11.4	83		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: CDM Smith **level:** low **sdg no.:** Q2010
contract: CAMP02 **lab code:** CHEM **case no.:** Q2010 **sas no.:** Q2010
matrix: Solid **sample id:** Q2017-05 **client id:** MH-JMSD
Percent Solids for Sample: 82.9 **Spiked ID:** Q2017-05MSD **Percent Solids for Spike Sample:** 82.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	3470		2930		110	494		P
Antimony	mg/Kg	75 - 125	19.8		2.73	U	44.9	44	N	P
Arsenic	mg/Kg	75 - 125	40.4		1.08	J	44.9	88		P
Barium	mg/Kg	75 - 125	32.6		23.2		11.2	84		P
Beryllium	mg/Kg	75 - 125	9.93		0.29	J	11.2	86		P
Cadmium	mg/Kg	75 - 125	10.6		0.33	U	11.2	94		P
Calcium	mg/Kg	75 - 125	1080		1040		56.1	64		P
Chromium	mg/Kg	75 - 125	26.1		6.06		22.4	89		P
Cobalt	mg/Kg	75 - 125	14.5		3.76		11.2	96		P
Copper	mg/Kg	75 - 125	25.4		10.2		16.8	90		P
Iron	mg/Kg	75 - 125	7770		7750		170	17		P
Lead	mg/Kg	75 - 125	57.2		4.01		56.1	95		P
Magnesium	mg/Kg	75 - 125	1710		1410		110	272		P
Manganese	mg/Kg	75 - 125	231		219		11.2	108		P
Mercury	mg/Kg	80 - 120	0.24		0.015	U	0.29	83		CV
Nickel	mg/Kg	75 - 125	34.0		6.66		28.1	97		P
Potassium	mg/Kg	75 - 125	987		431		560	99		P
Selenium	mg/Kg	75 - 125	94.7		0.56	J	110	86		P
Silver	mg/Kg	75 - 125	3.27		0.55	U	4.2	78		P
Sodium	mg/Kg	75 - 125	359		135		170	132	N	P
Thallium	mg/Kg	75 - 125	111		2.18	U	110	101		P
Vanadium	mg/Kg	75 - 125	23.8		9.39		16.8	86		P
Zinc	mg/Kg	75 - 125	26.6		15.9		11.2	96		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
Matrix: Solid **Level:** LOW **Client ID:** MH-JA
Sample ID: Q2017-05 **Spiked ID:** Q2017-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	42.0		2.73	U	43.7	96		P
Sodium	mg/Kg	75 - 125	288		135		160	96		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
Matrix: Solid **Sample ID:** Q2017-05 **Client ID:** MH-JDUP
Percent Solids for Sample: 82.9 **Duplicate ID** Q2017-05DUP **Percent Solids for Spike Sample:** 82.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	2930		3040		4		P
Antimony	mg/Kg	20	2.73	U	2.75	U			P
Arsenic	mg/Kg	20	1.08	J	1.22		12		P
Barium	mg/Kg	20	23.2		22.6		3		P
Beryllium	mg/Kg	20	0.29	J	0.31	J	5		P
Cadmium	mg/Kg	20	0.33	U	0.33	U			P
Calcium	mg/Kg	20	1040		1290		21	*	P
Chromium	mg/Kg	20	6.06		6.01		1		P
Cobalt	mg/Kg	20	3.76		3.80		1		P
Copper	mg/Kg	20	10.2		10.8		5		P
Iron	mg/Kg	20	7750		7350		5		P
Lead	mg/Kg	20	4.01		4.03		0		P
Magnesium	mg/Kg	20	1410		1500		6		P
Manganese	mg/Kg	20	219		222		1		P
Mercury	mg/Kg	20	0.015	U	0.016	U			CV
Nickel	mg/Kg	20	6.66		6.84		3		P
Potassium	mg/Kg	20	431		421		2		P
Selenium	mg/Kg	20	0.56	J	0.81	J	37		P
Silver	mg/Kg	20	0.55	U	0.55	U			P
Sodium	mg/Kg	20	135		138		2		P
Thallium	mg/Kg	20	2.18	U	2.20	U			P
Vanadium	mg/Kg	20	9.39		9.48		1		P
Zinc	mg/Kg	20	15.9		16.2		2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010
Matrix: Solid **Sample ID:** Q2017-05MS **Client ID:** MH-JMSD
Percent Solids for Sample: 82.9 **Duplicate ID** Q2017-05MSD **Percent Solids for Spike Sample:** 82.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3250		3470		7		P
Antimony	mg/Kg	20	21.0		19.8		6		P
Arsenic	mg/Kg	20	41.8		40.4		3		P
Barium	mg/Kg	20	31.9		32.6		2		P
Beryllium	mg/Kg	20	9.55		9.93		4		P
Cadmium	mg/Kg	20	10.9		10.6		3		P
Calcium	mg/Kg	20	1040		1080		4		P
Chromium	mg/Kg	20	26.0		26.1		0		P
Cobalt	mg/Kg	20	14.6		14.5		1		P
Copper	mg/Kg	20	24.7		25.4		3		P
Iron	mg/Kg	20	7670		7770		1		P
Lead	mg/Kg	20	59.0		57.2		3		P
Magnesium	mg/Kg	20	1500		1710		13		P
Manganese	mg/Kg	20	228		231		1		P
Mercury	mg/Kg	20	0.30		0.24		20		CV
Nickel	mg/Kg	20	34.4		34.0		1		P
Potassium	mg/Kg	20	991		987		0		P
Selenium	mg/Kg	20	98.0		94.7		3		P
Silver	mg/Kg	20	3.44		3.27		5		P
Sodium	mg/Kg	20	317		359		12		P
Thallium	mg/Kg	20	115		111		4		P
Vanadium	mg/Kg	20	23.8		23.8		0		P
Zinc	mg/Kg	20	25.3		26.6		5		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167977BS							
Aluminum	mg/Kg	100	90.8		91	80 - 120	P
Antimony	mg/Kg	40.0	39.4		98	80 - 120	P
Arsenic	mg/Kg	40.0	38.5		96	80 - 120	P
Barium	mg/Kg	10.0	8.83		88	80 - 120	P
Beryllium	mg/Kg	10.0	9.29		93	80 - 120	P
Cadmium	mg/Kg	10.0	9.64		96	80 - 120	P
Calcium	mg/Kg	50.0	46.8	J	94	80 - 120	P
Chromium	mg/Kg	20.0	19.1		96	80 - 120	P
Cobalt	mg/Kg	10.0	9.37		94	80 - 120	P
Copper	mg/Kg	15.0	14.7		98	80 - 120	P
Iron	mg/Kg	150	141		94	80 - 120	P
Lead	mg/Kg	50.0	46.9		94	80 - 120	P
Magnesium	mg/Kg	100	90.4	J	90	80 - 120	P
Manganese	mg/Kg	10.0	9.15		92	80 - 120	P
Nickel	mg/Kg	25.0	23.6		94	80 - 120	P
Potassium	mg/Kg	500	457		91	80 - 120	P
Selenium	mg/Kg	100	98.4		98	80 - 120	P
Silver	mg/Kg	3.8	3.53		93	80 - 120	P
Sodium	mg/Kg	150	139		93	80 - 120	P
Thallium	mg/Kg	100	97.5		98	80 - 120	P
Vanadium	mg/Kg	15.0	13.8		92	80 - 120	P
Zinc	mg/Kg	10.0	9.69		97	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2010 **SAS No.:** Q2010

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167983BS Mercury	mg/Kg	0.24	0.22		90	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MH-JL

Lab Name: Chemtech Consulting Group

Contract: CAMP02

Lab Code: CHEM **Lb No.:** lb135802 **Lab Sample ID :** Q2017-05L **SDG No.:** Q2010

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	2930		3020		3		P
Antimony	2.73	U	13.6	U			P
Arsenic	1.08	J	1.94	J	80		P
Barium	23.2		24.6	J	6		P
Beryllium	0.29	J	0.31	J	6		P
Cadmium	0.33	U	1.64	U			P
Calcium	1040		1110		6		P
Chromium	6.06		6.23		3		P
Cobalt	3.76		3.61	J	4		P
Copper	10.2		10.8		6		P
Iron	7750		8320		7		P
Lead	4.01		4.35		9		P
Magnesium	1410		1480		5		P
Manganese	219		238		9		P
Mercury	0.015	U	0.074	U			CV
Nickel	6.66		6.48	J	3		P
Potassium	431		424	J	2		P
Selenium	0.56	J	5.46	U	100.0		P
Silver	0.55	U	2.73	U			P
Sodium	135		546	U	100.0		P
Thallium	2.18	U	10.9	U			P
Vanadium	9.39		10.1	J	8		P
Zinc	15.9		16.5		4		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith SDG No.: Q2010
Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
Instrument ID: _____ Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith SDG No.: Q2010
Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
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 INTERELEMEN CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q2010

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2010

SAS No.: Q2010

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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.: Q2010
Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
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.: Q2010
 Contract: CAMP02 Lab Code: CHEM Case No.: Q2010 SAS No.: Q2010
 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: CDM Smith **SDG No.:** Q2010
Contract: CAMP02 **Lab Code:** CHEM **Method:**
Case No.: Q2010 **SAS No.:** Q2010

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167977							
PB167977BL	PB167977BL	MB	SOLID	05/13/2025	2.00	100.0	100.00
PB167977BS	PB167977BS	LCS	SOLID	05/13/2025	2.00	100.0	100.00
Q2010-01	TP-10	SAM	SOLID	05/13/2025	2.13	100.0	93.30
Q2010-02	TP-13	SAM	SOLID	05/13/2025	2.09	100.0	84.40
Q2010-03	TP-14	SAM	SOLID	05/13/2025	2.12	100.0	80.70
Q2010-04	TP-17	SAM	SOLID	05/13/2025	2.37	100.0	77.40
Q2017-05DUP	MH-JDUP	DUP	SOLID	05/13/2025	2.19	100.0	82.90
Q2017-05MS	MH-JMS	MS	SOLID	05/13/2025	2.11	100.0	82.90
Q2017-05MSD	MH-JMSD	MSD	SOLID	05/13/2025	2.15	100.0	82.90

Metals

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SAMPLE PREPARATION SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q2010</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>Q2010</u>
		SAS No.:	<u>Q2010</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167983							
PB167983BL	PB167983BL	MB	SOLID	05/13/2025	0.52	35.0	100.00
PB167983BS	PB167983BS	LCS	SOLID	05/13/2025	0.59	35.0	100.00
Q2010-01	TP-10	SAM	SOLID	05/13/2025	0.55	35.0	93.30
Q2010-02	TP-13	SAM	SOLID	05/13/2025	0.56	35.0	84.40
Q2010-03	TP-14	SAM	SOLID	05/13/2025	0.55	35.0	80.70
Q2010-04	TP-17	SAM	SOLID	05/13/2025	0.54	35.0	77.40
Q2017-05DUP	MH-JDUP	DUP	SOLID	05/13/2025	0.54	35.0	82.90
Q2017-05MS	MH-JMS	MS	SOLID	05/13/2025	0.55	35.0	82.90
Q2017-05MSD	MH-JMSD	MSD	SOLID	05/13/2025	0.59	35.0	82.90

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ANALYSIS RUN LOG

Client: CDM Smith **Contract:** CAMP02

Lab code: CHEM **Case no.:** Q2010 **Sas no.:** Q2010 **Sdg no.:** Q2010

Instrument id number: **Method:** **Run number:** LB135751

Start date: 05/13/2025 **End date:** 05/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1053	HG
S0.2	S0.2	1	1055	HG
S2.5	S2.5	1	1057	HG
S5	S5	1	1100	HG
S7.5	S7.5	1	1102	HG
S10	S10	1	1104	HG
ICV07	ICV07	1	1107	HG
ICB07	ICB07	1	1109	HG
CCV17	CCV17	1	1112	HG
CCB17	CCB17	1	1114	HG
CRA	CRA	1	1116	HG
CCV18	CCV18	1	1144	HG
CCB18	CCB18	1	1146	HG
CCV19	CCV19	1	1216	HG
CCB19	CCB19	1	1219	HG
PB167983BL	PB167983BL	1	1221	HG
PB167983BS	PB167983BS	1	1223	HG
Q2010-01	TP-10	1	1226	HG
Q2010-02	TP-13	1	1228	HG
Q2010-03	TP-14	1	1230	HG
Q2010-04	TP-17	1	1232	HG
CCV20	CCV20	1	1244	HG
CCB20	CCB20	1	1246	HG
Q2017-05DUP	MH-JDUP	1	1251	HG
Q2017-05MS	MH-JMS	1	1256	HG
Q2017-05MSD	MH-JMSD	1	1258	HG
Q2017-05L	MH-JL	5	1305	HG
CCV21	CCV21	1	1317	HG
CCB21	CCB21	1	1319	HG

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ANALYSIS RUN LOG

Client: CDM Smith **Contract:** CAMP02

Lab code: CHEM **Case no.:** Q2010 **Sas no.:** Q2010 **Sdg no.:** Q2010

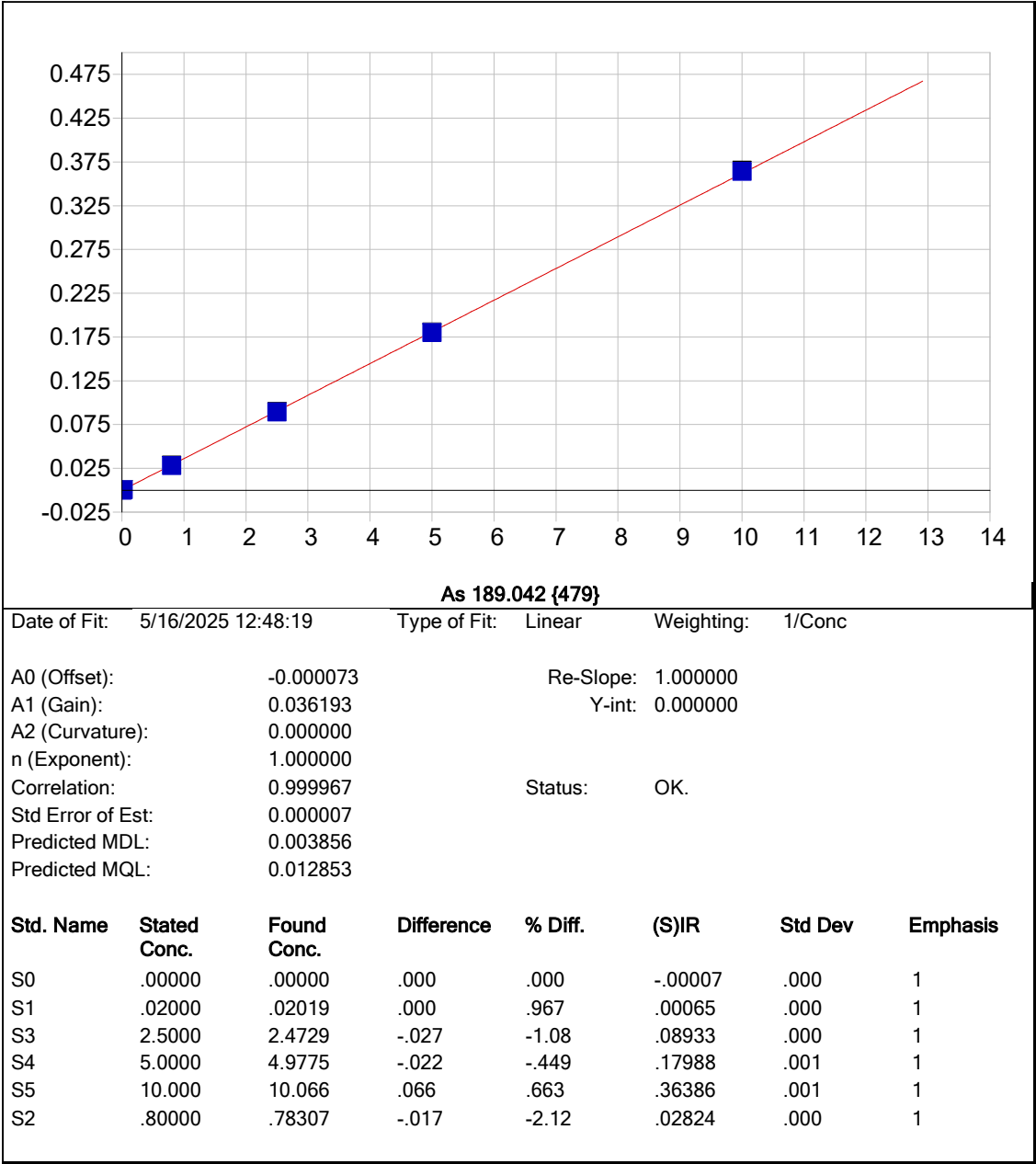
Instrument id number: **Method:** **Run number:** LB135802

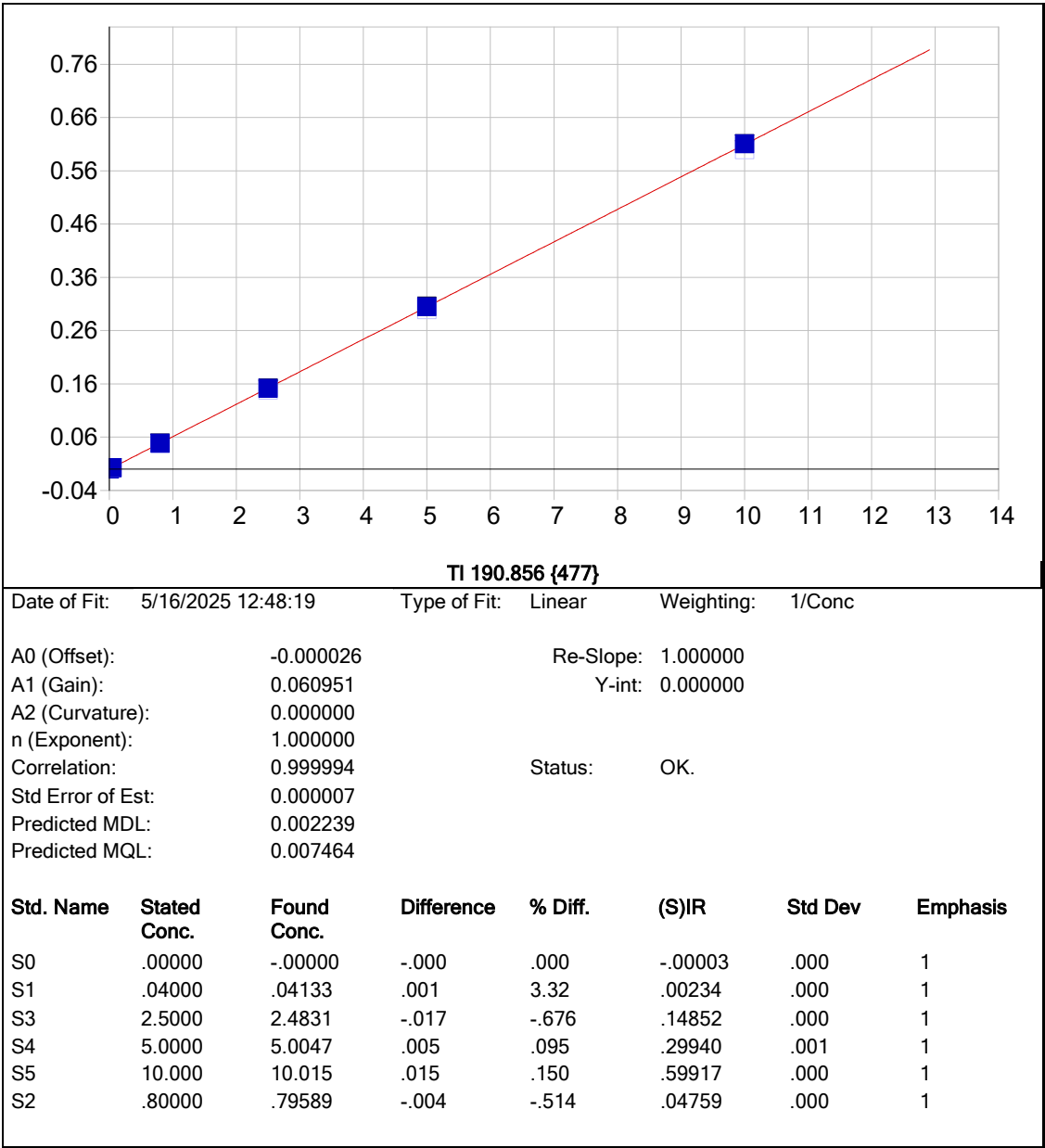
Start date: 05/16/2025 **End date:** 05/16/2025

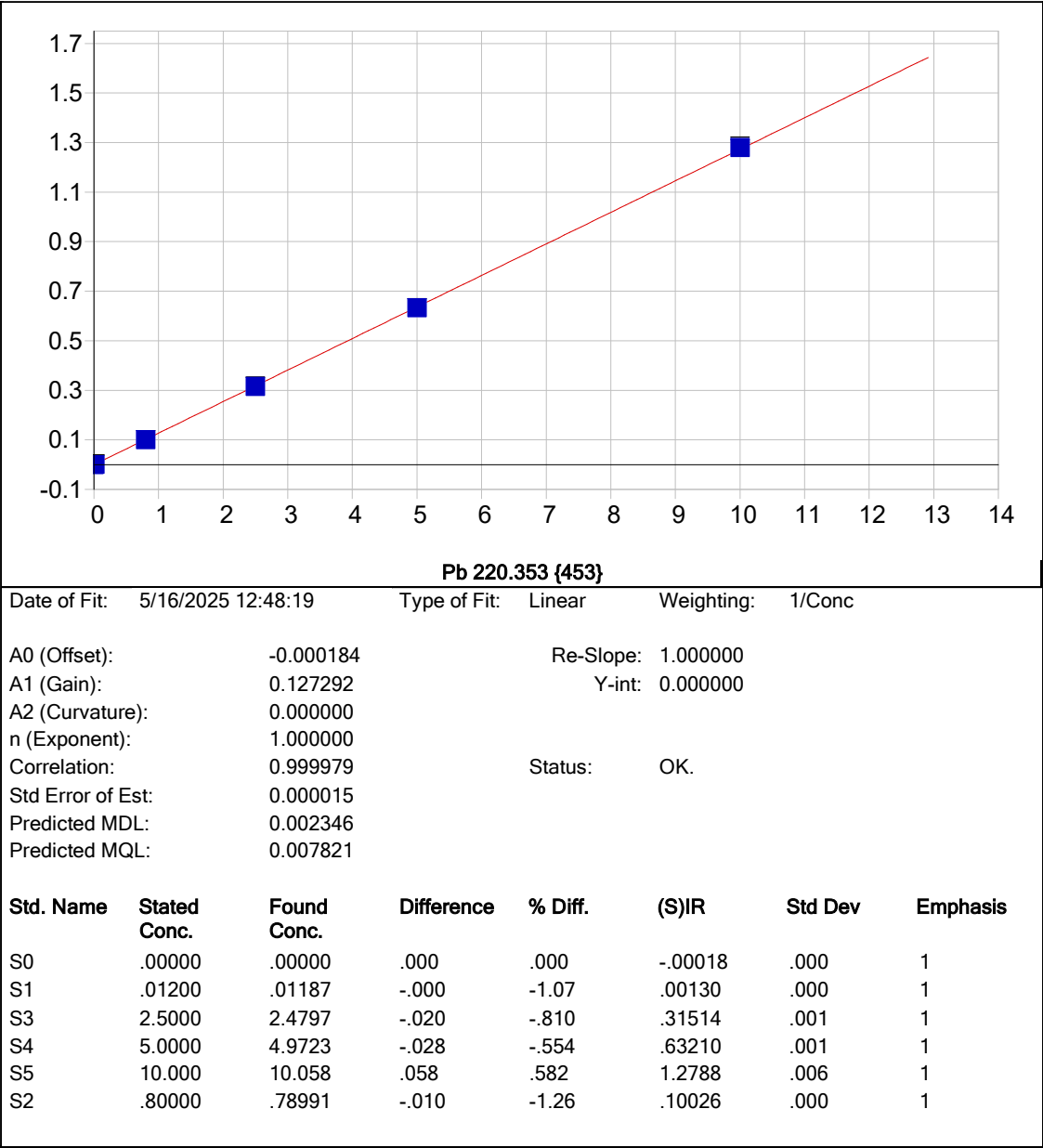
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1227	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1235	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1239	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	1244	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	1248	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	1300	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	1305	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	1309	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	1313	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	1318	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	1335	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	1339	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167977BL	PB167977BL	1	1420	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167977BS	PB167977BS	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2010-01	TP-10	1	1428	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	1436	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	1440	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2010-02	TP-13	1	1444	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2010-03	TP-14	1	1449	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2010-04	TP-17	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2017-05DUP	MH-JDUP	1	1518	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	1522	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	1526	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2017-05L	MH-JL	5	1531	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2017-05MS	MH-JMS	1	1535	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2017-05MSD	MH-JMSD	1	1539	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2017-05A	MH-JA	1	1543	Na,Sb
CCV04	CCV04	1	1608	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	1612	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	1653	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	1658	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	1728	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	1732	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

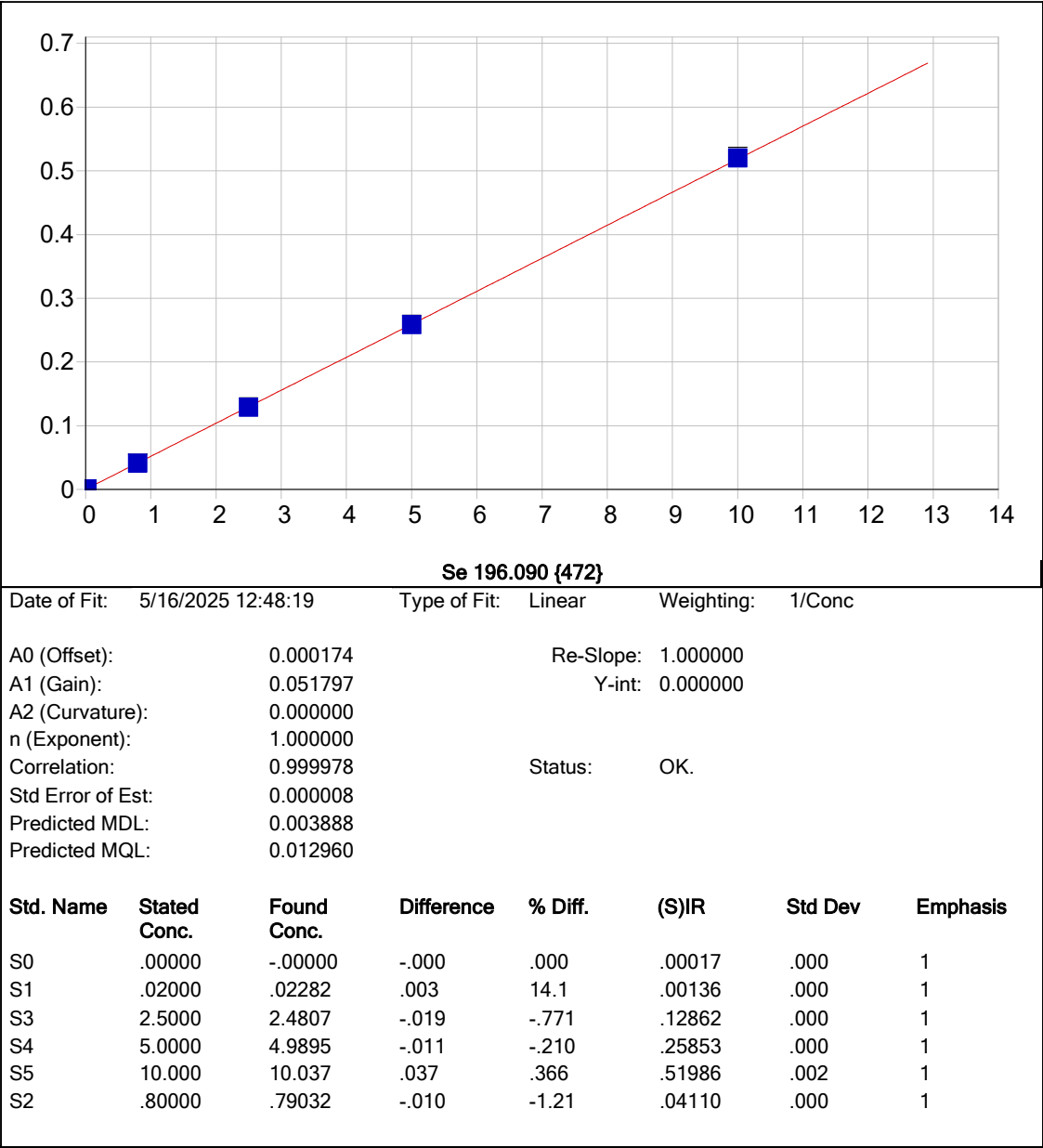


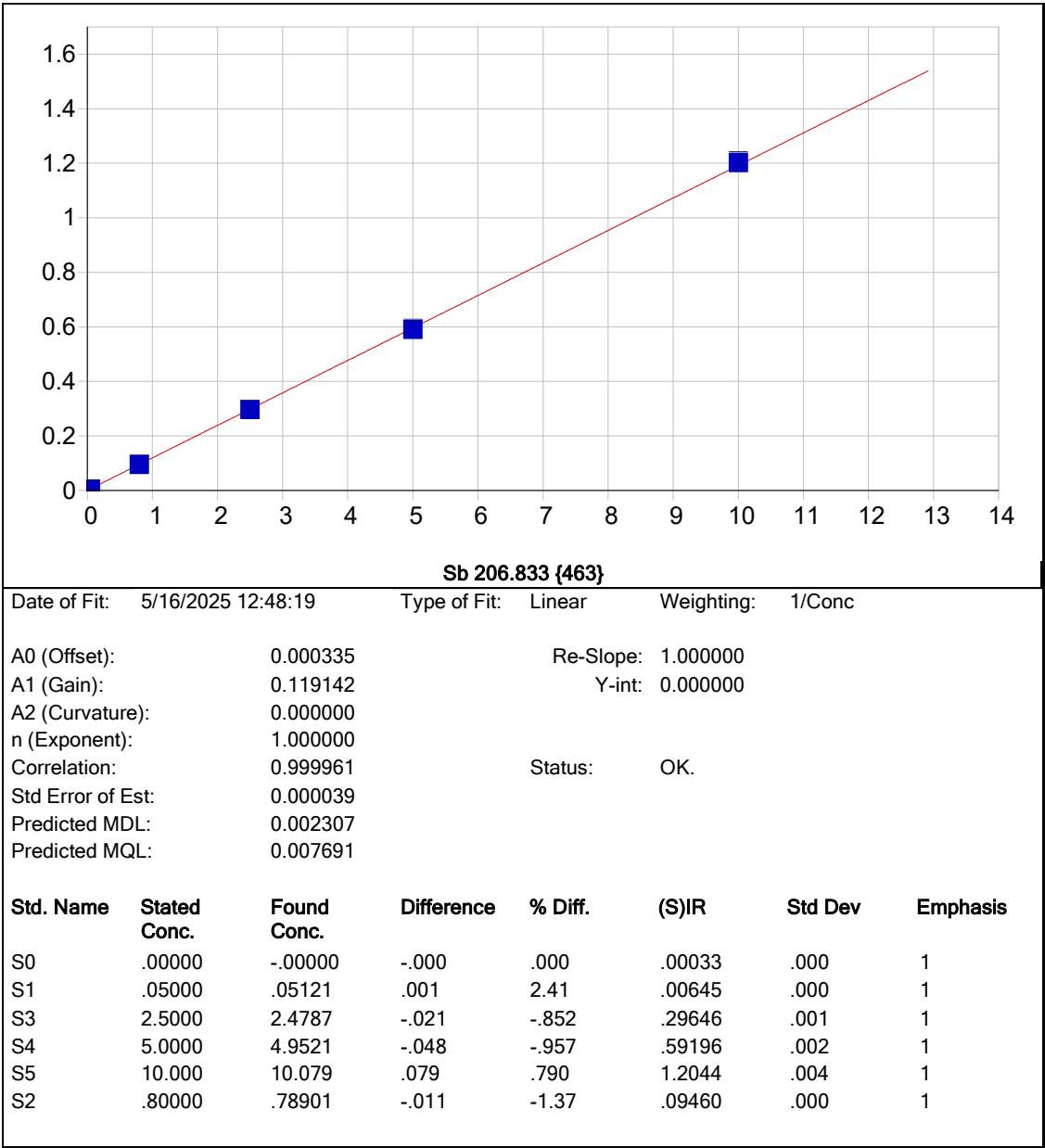
METAL RAW DATA

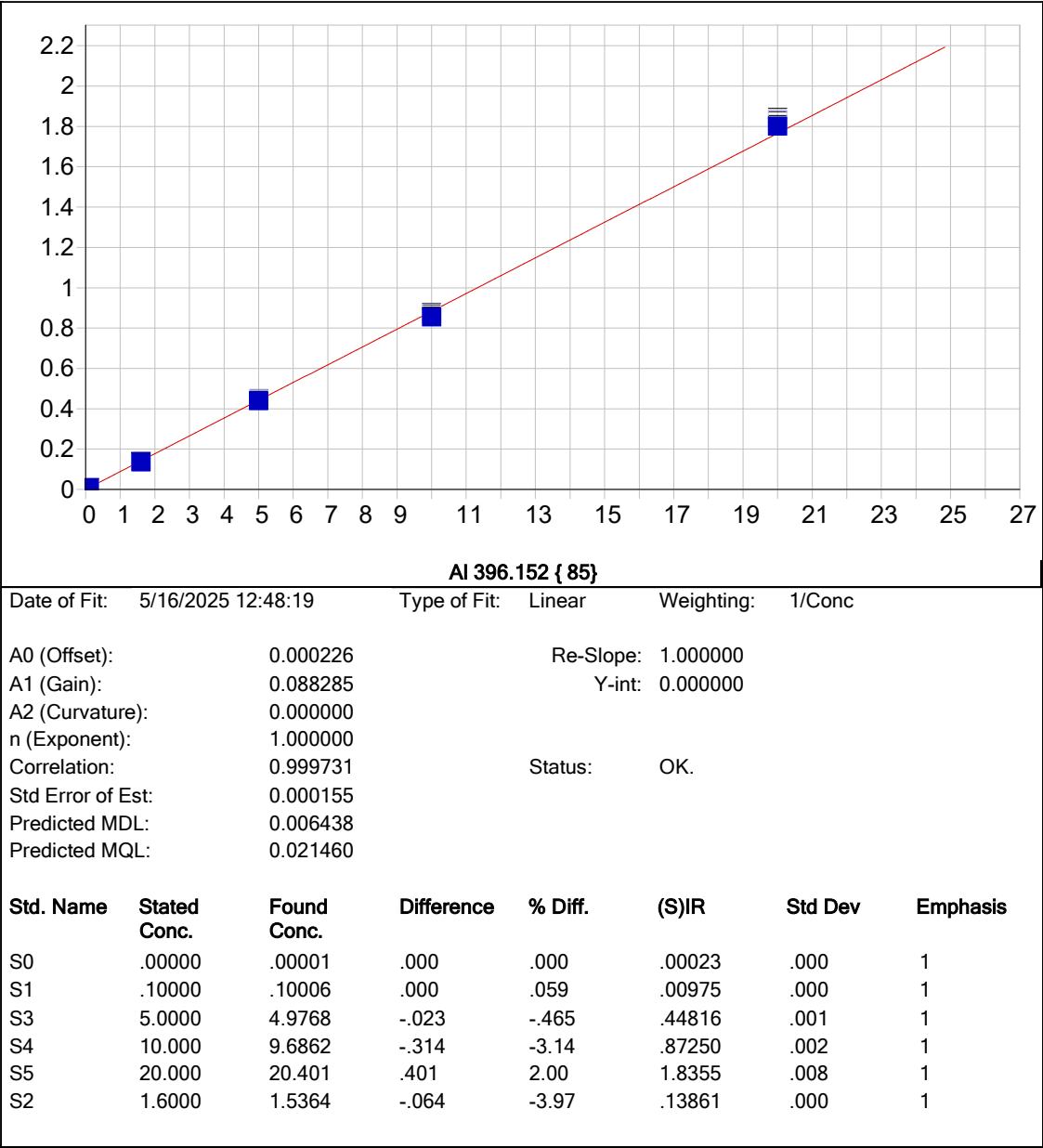


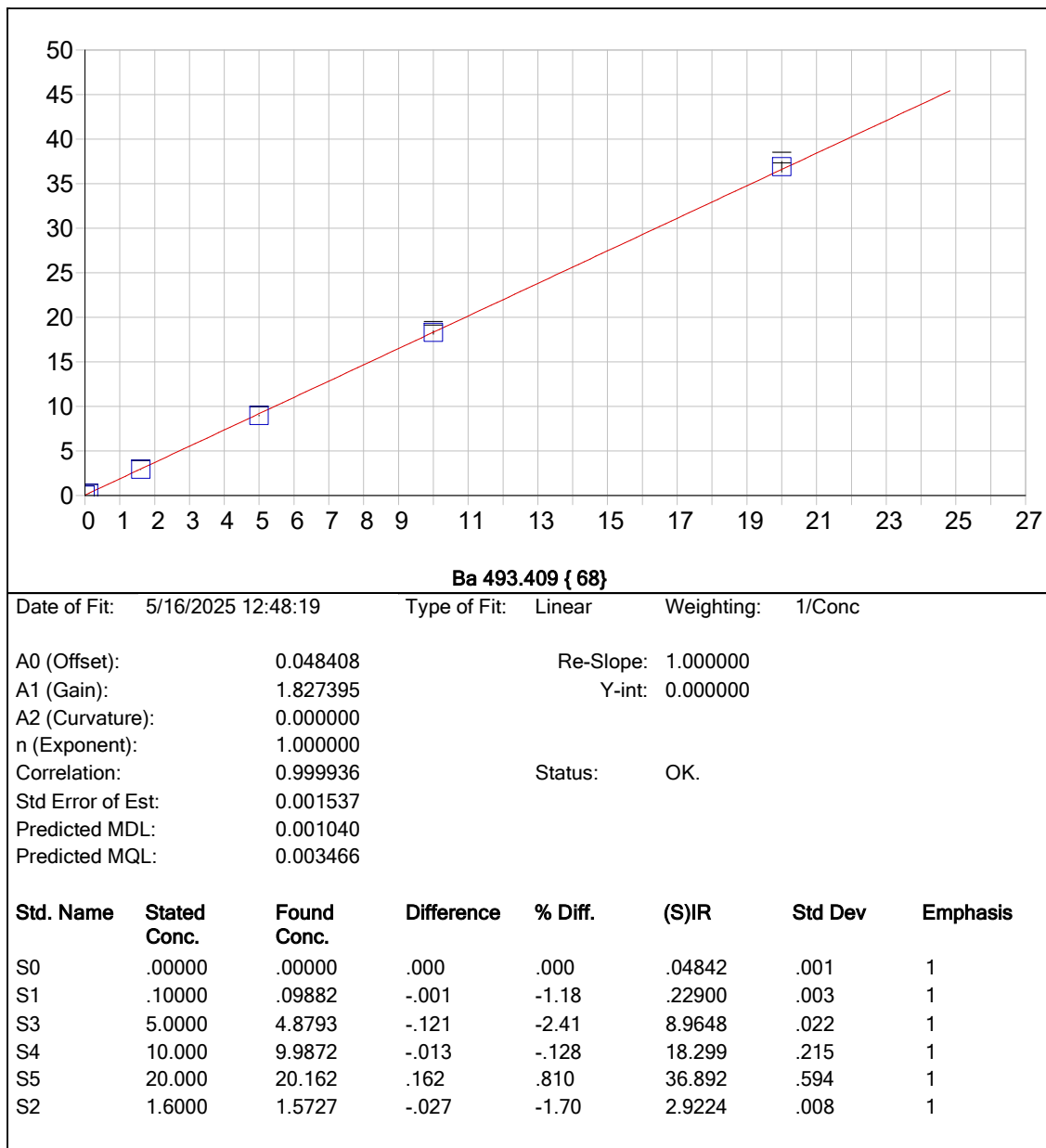


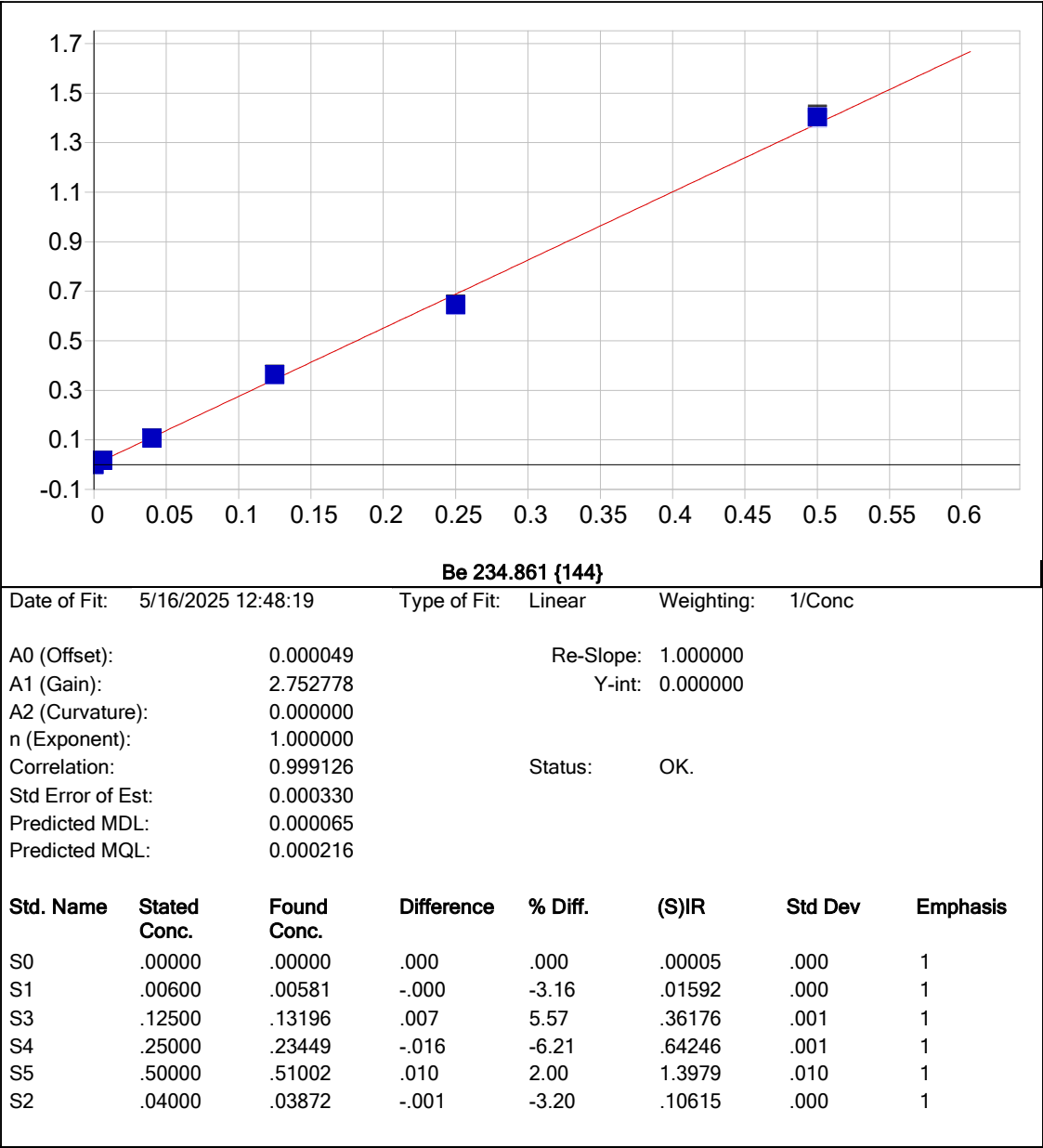


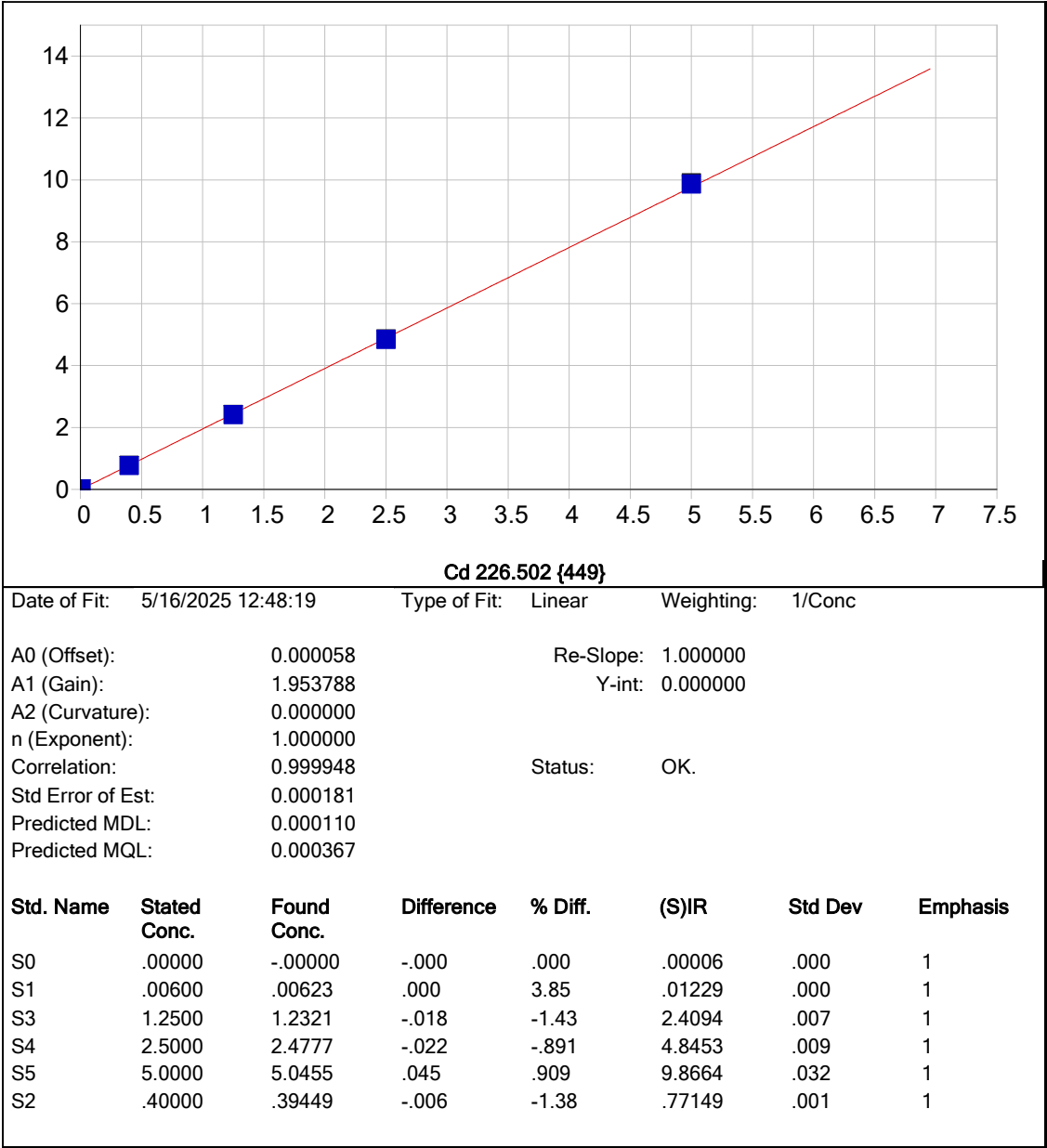


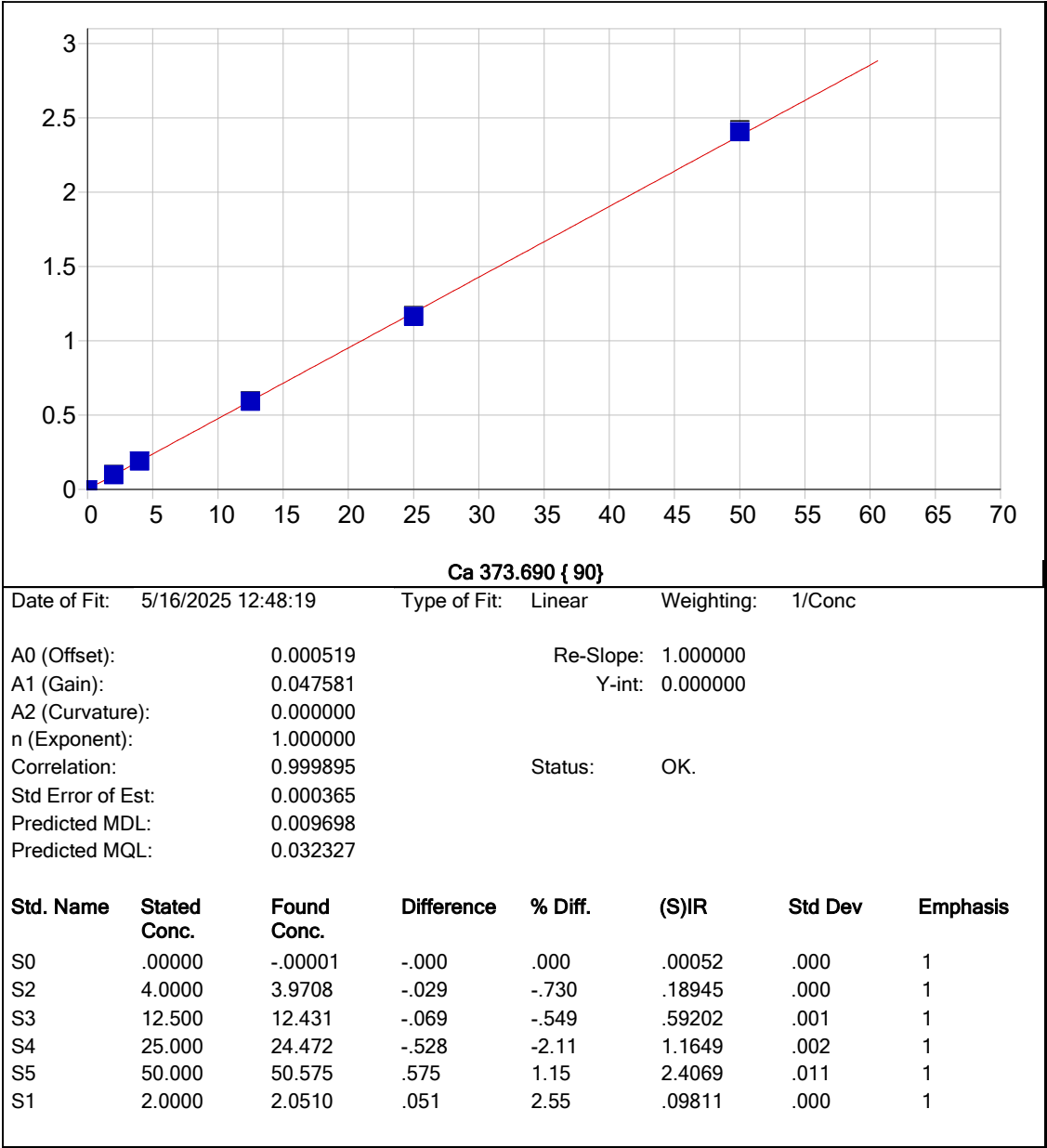


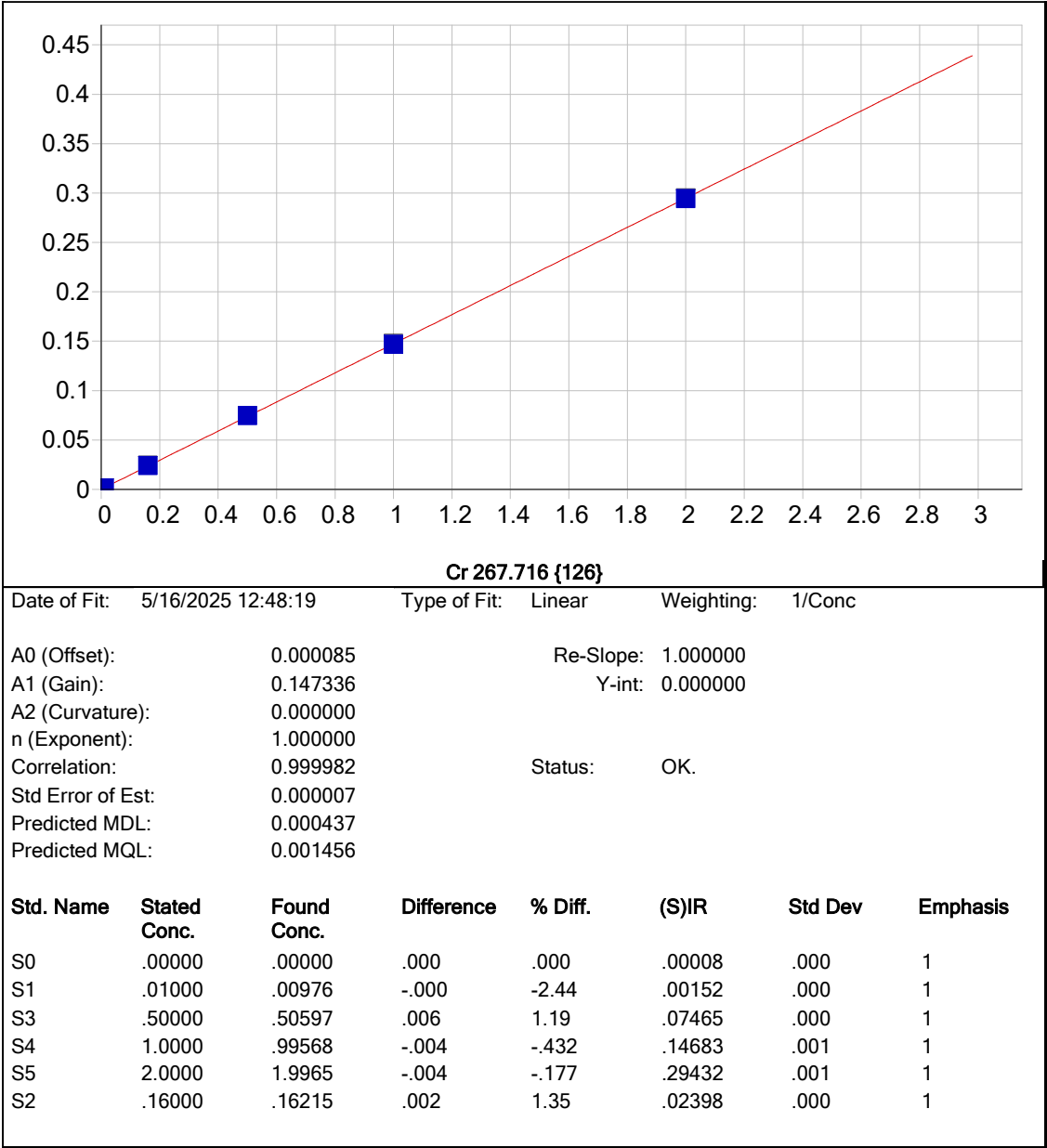


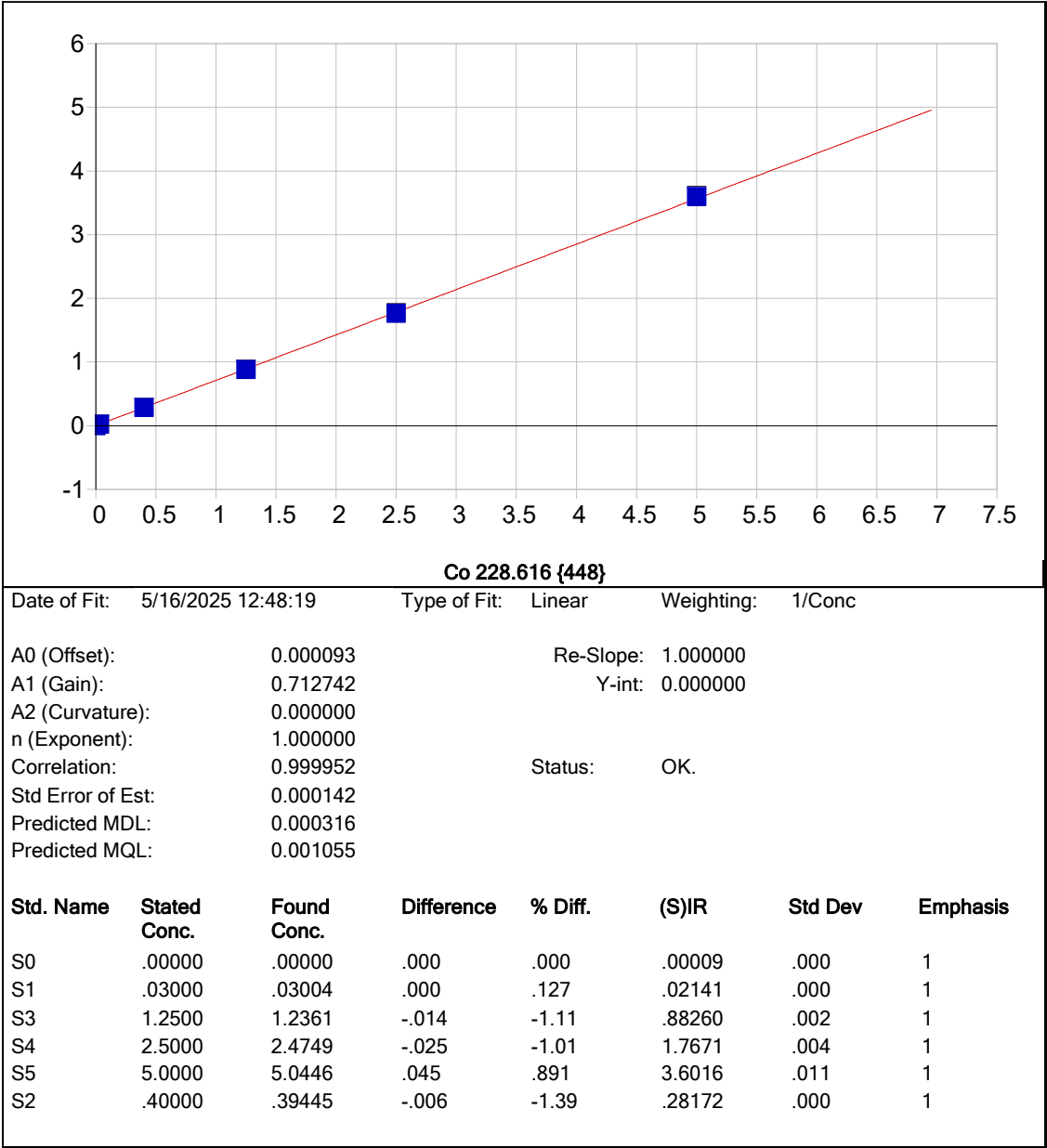


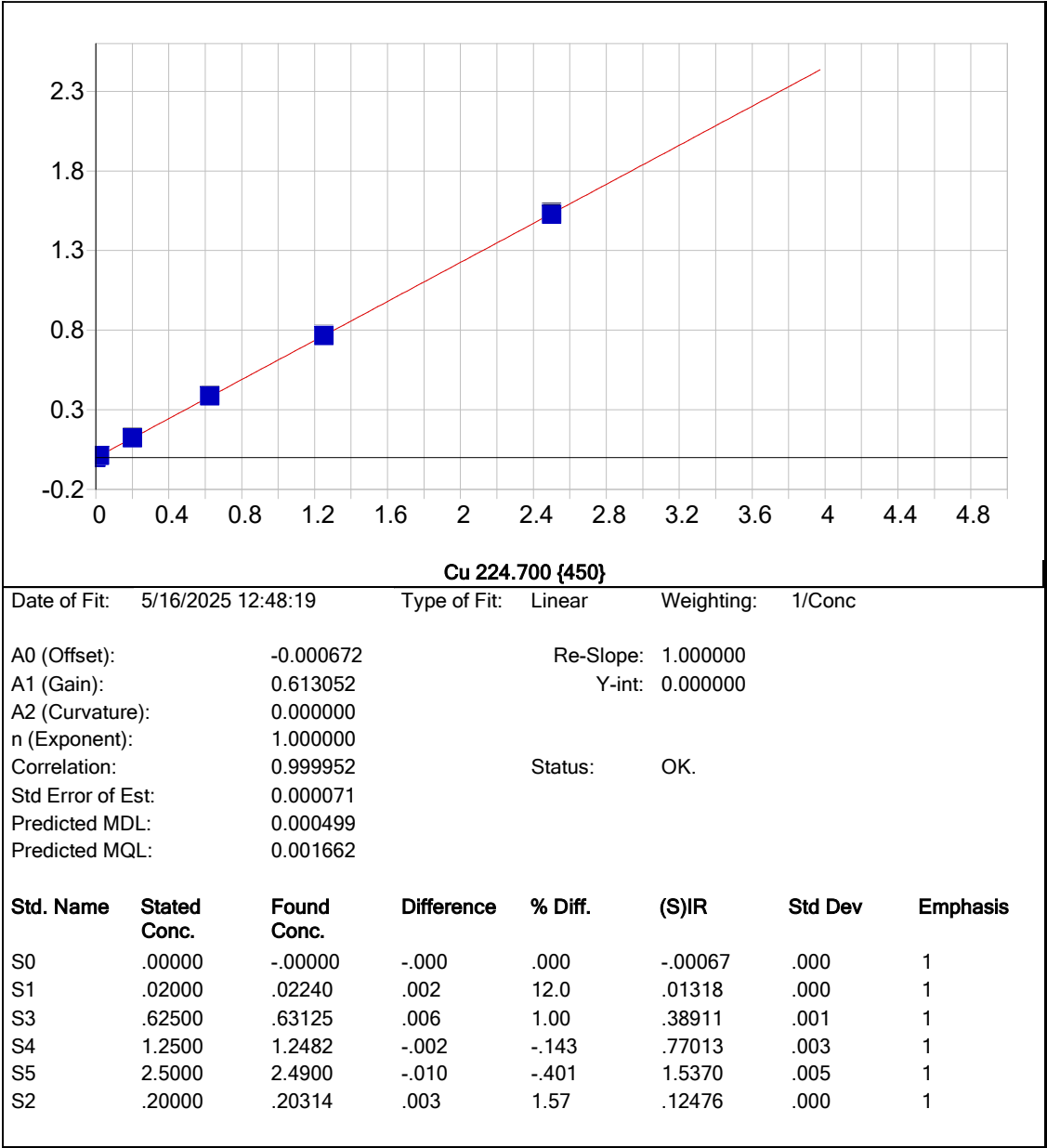


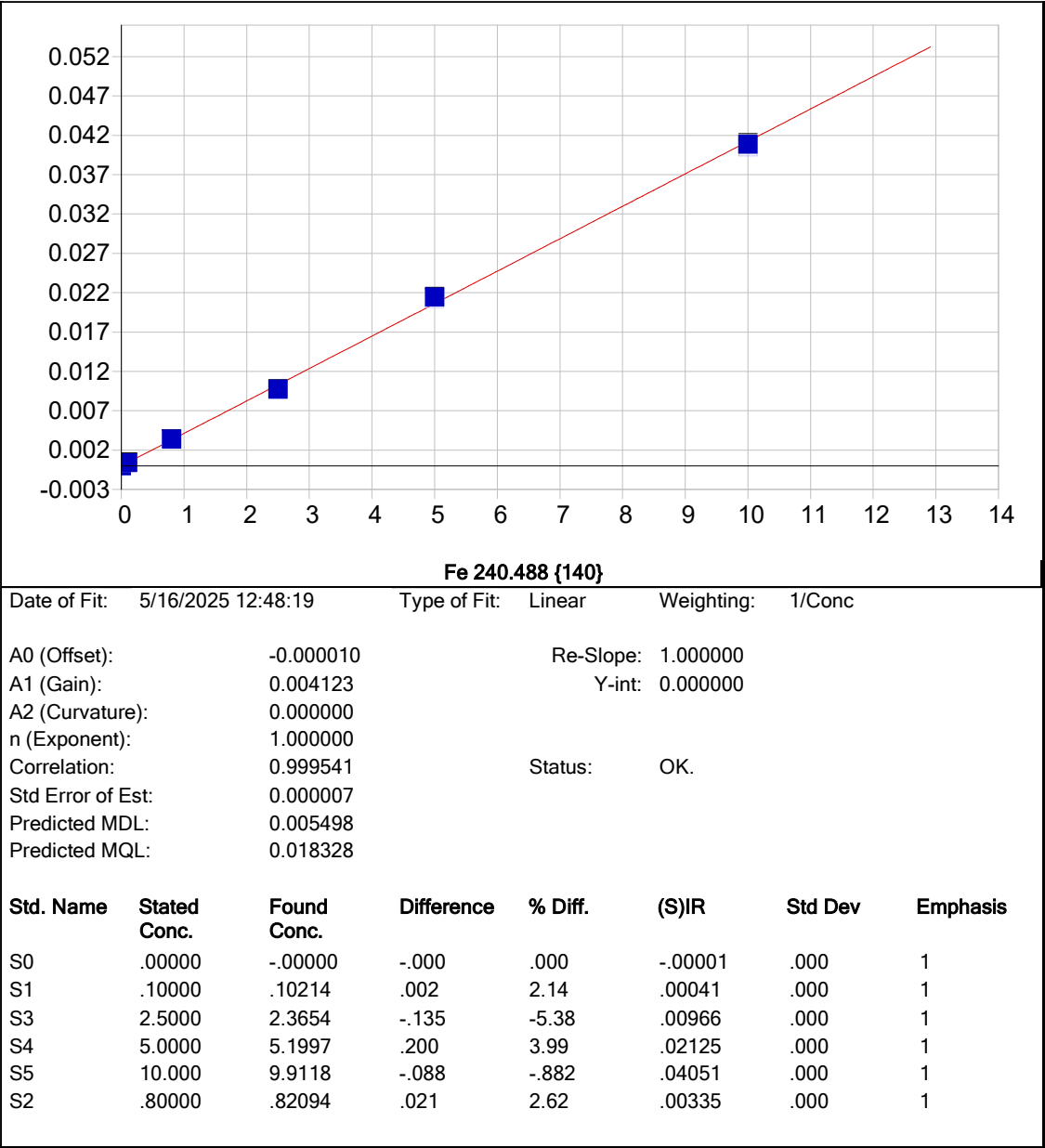


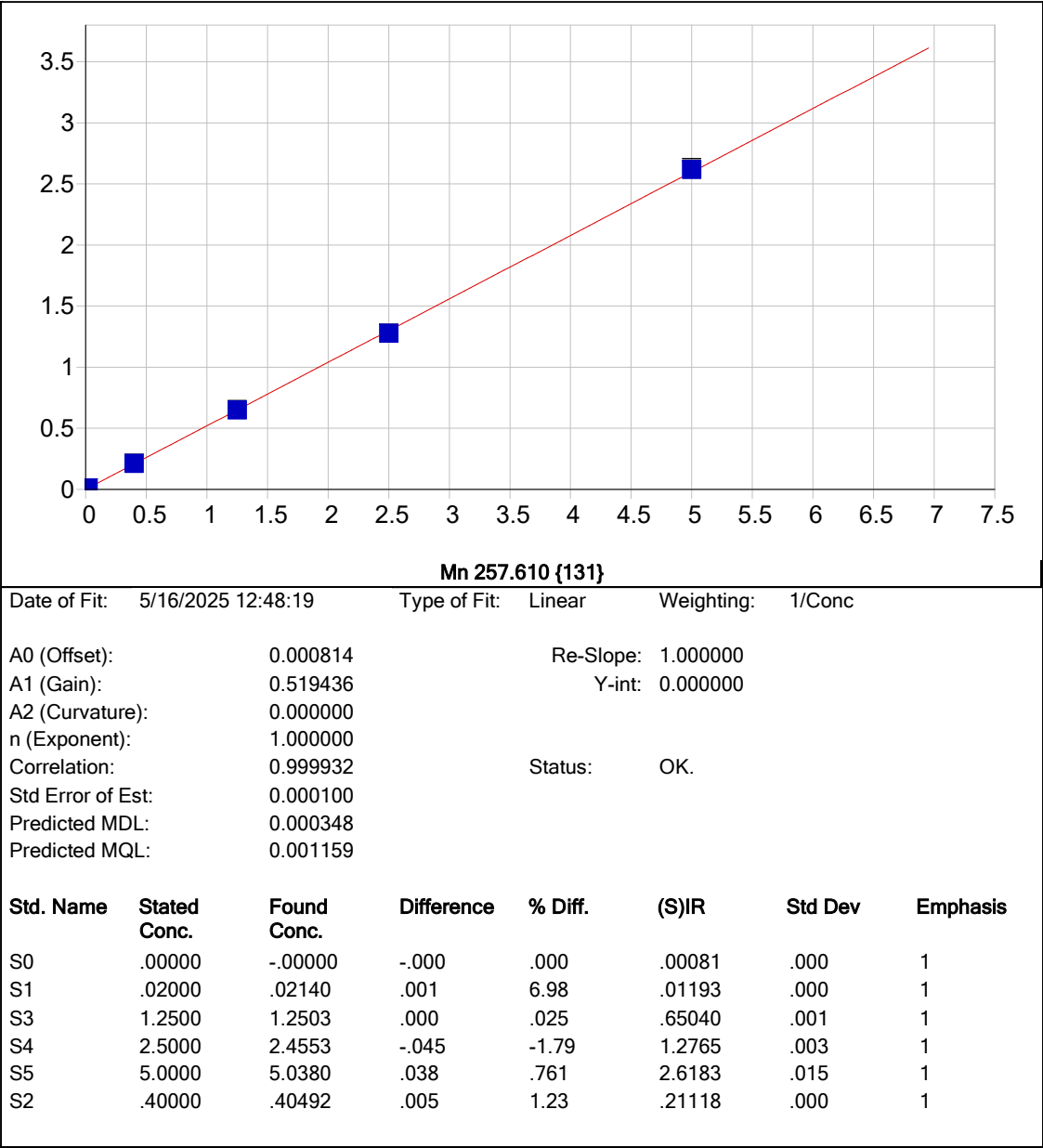


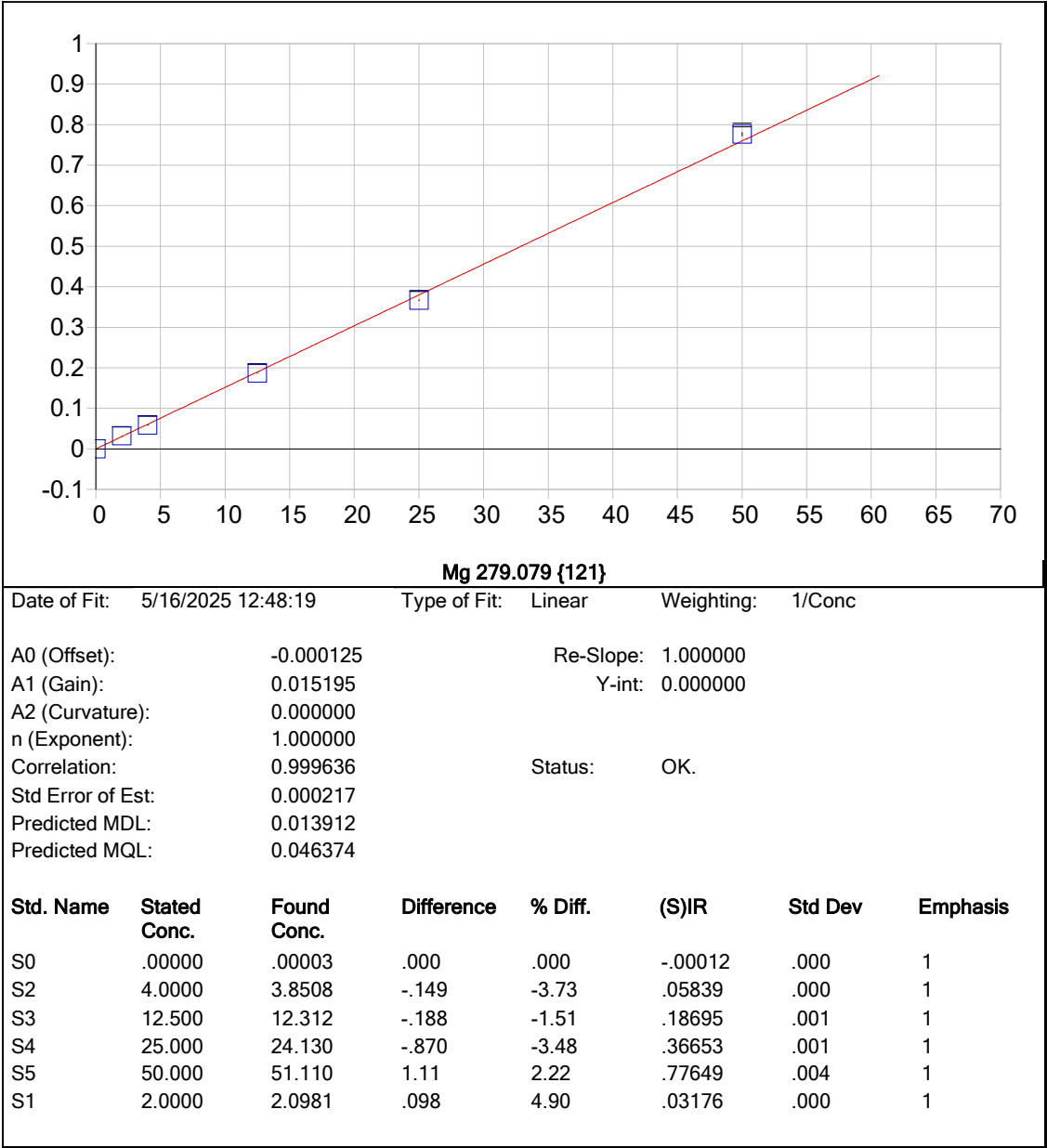


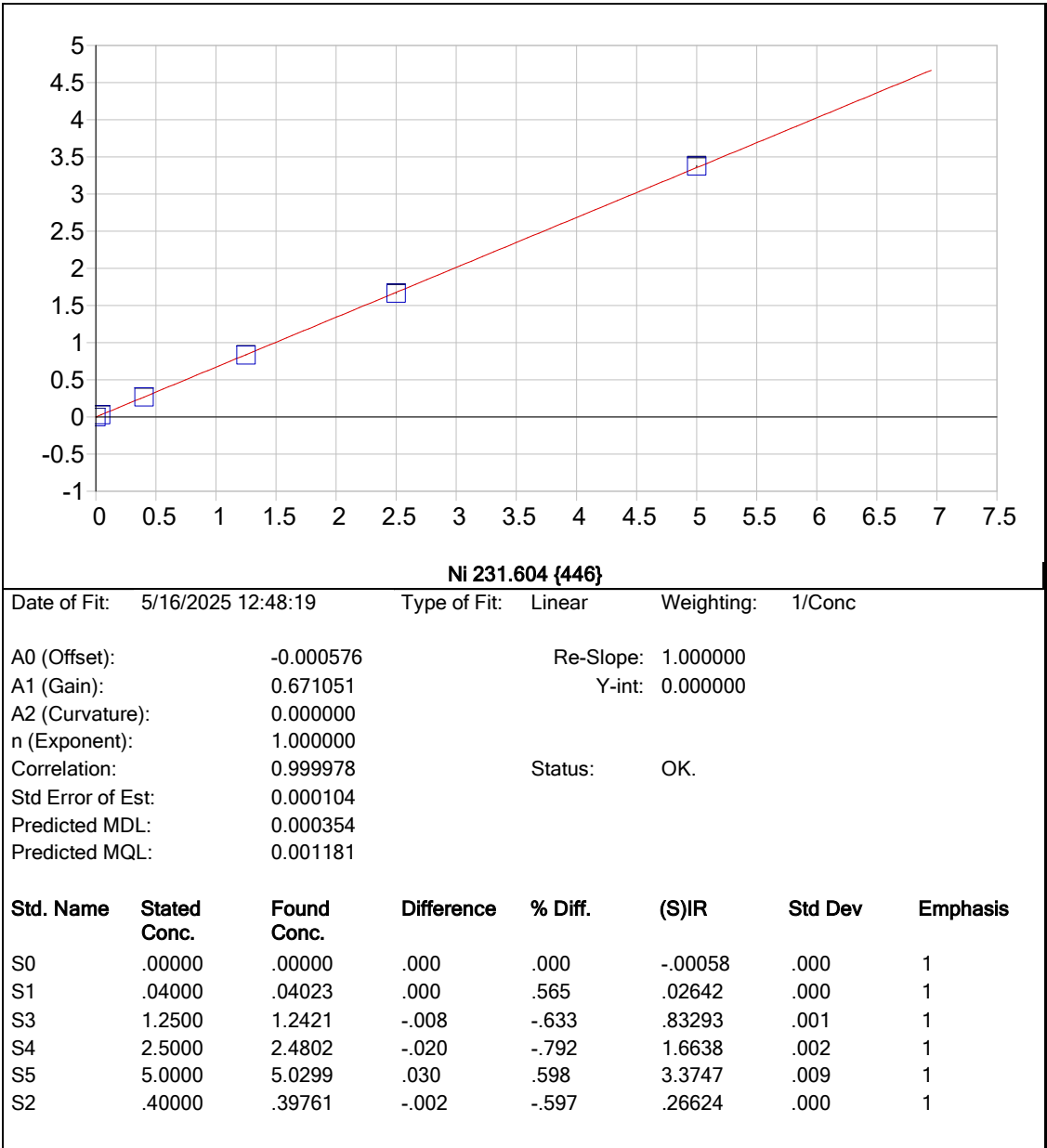


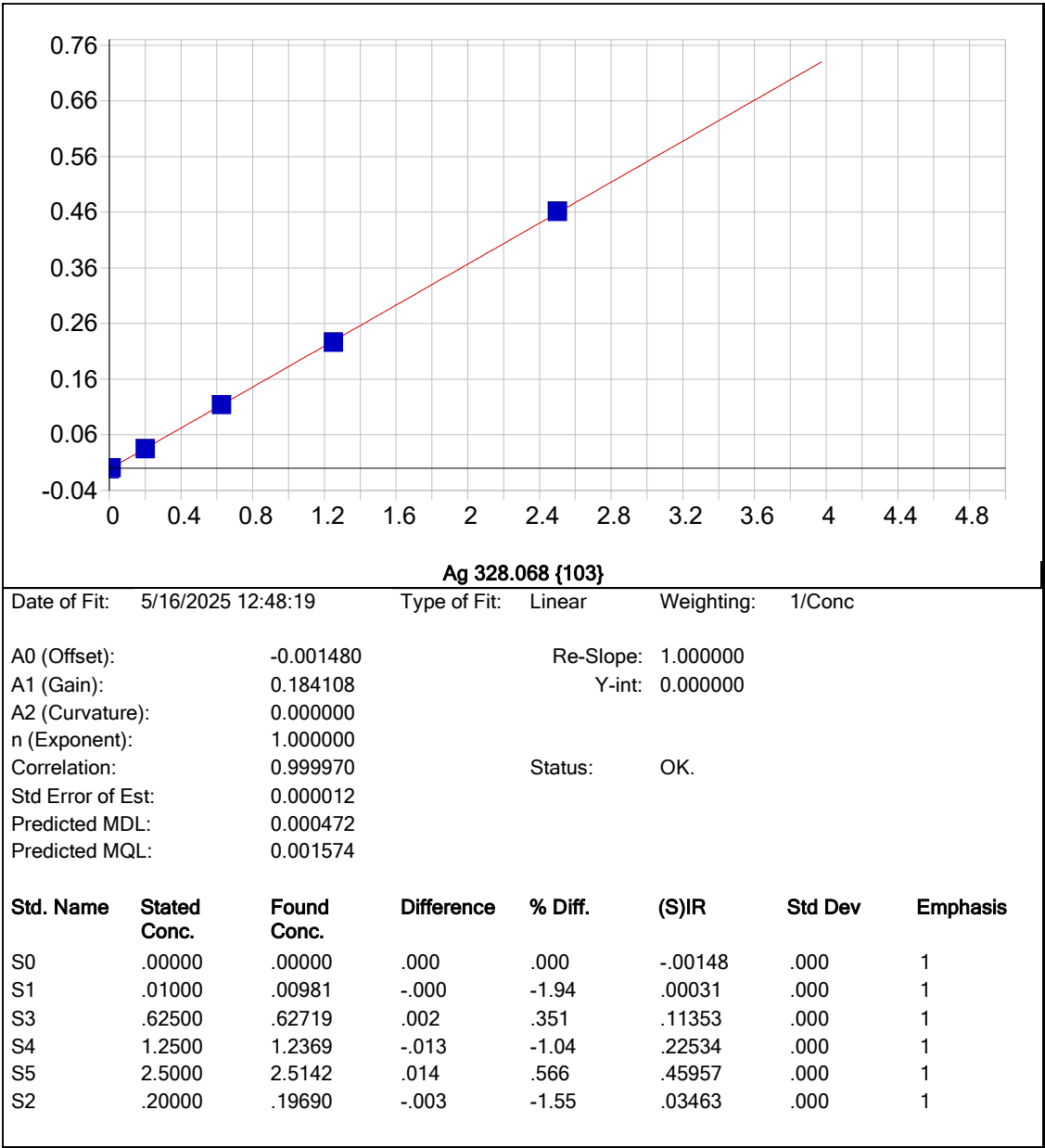


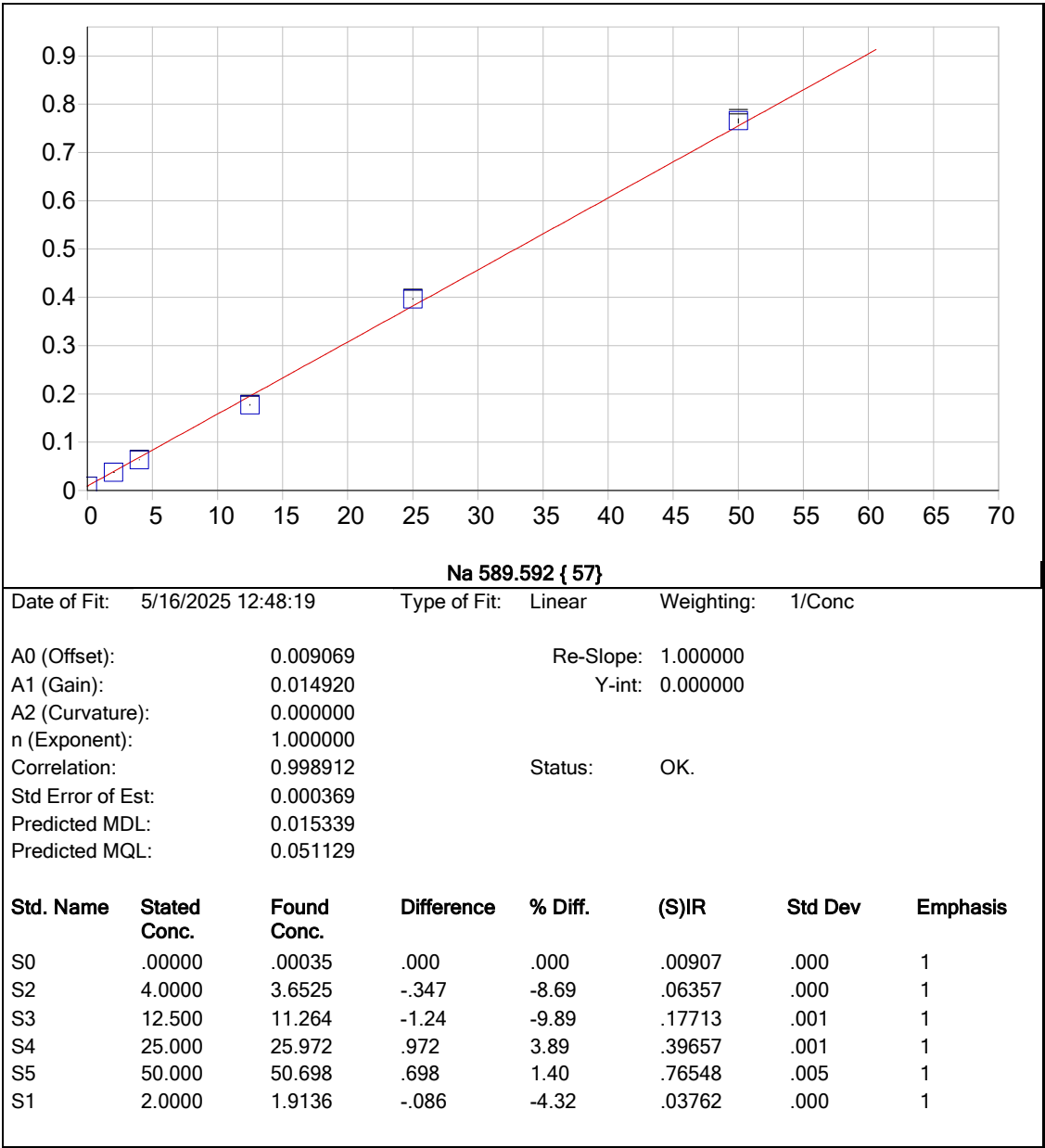


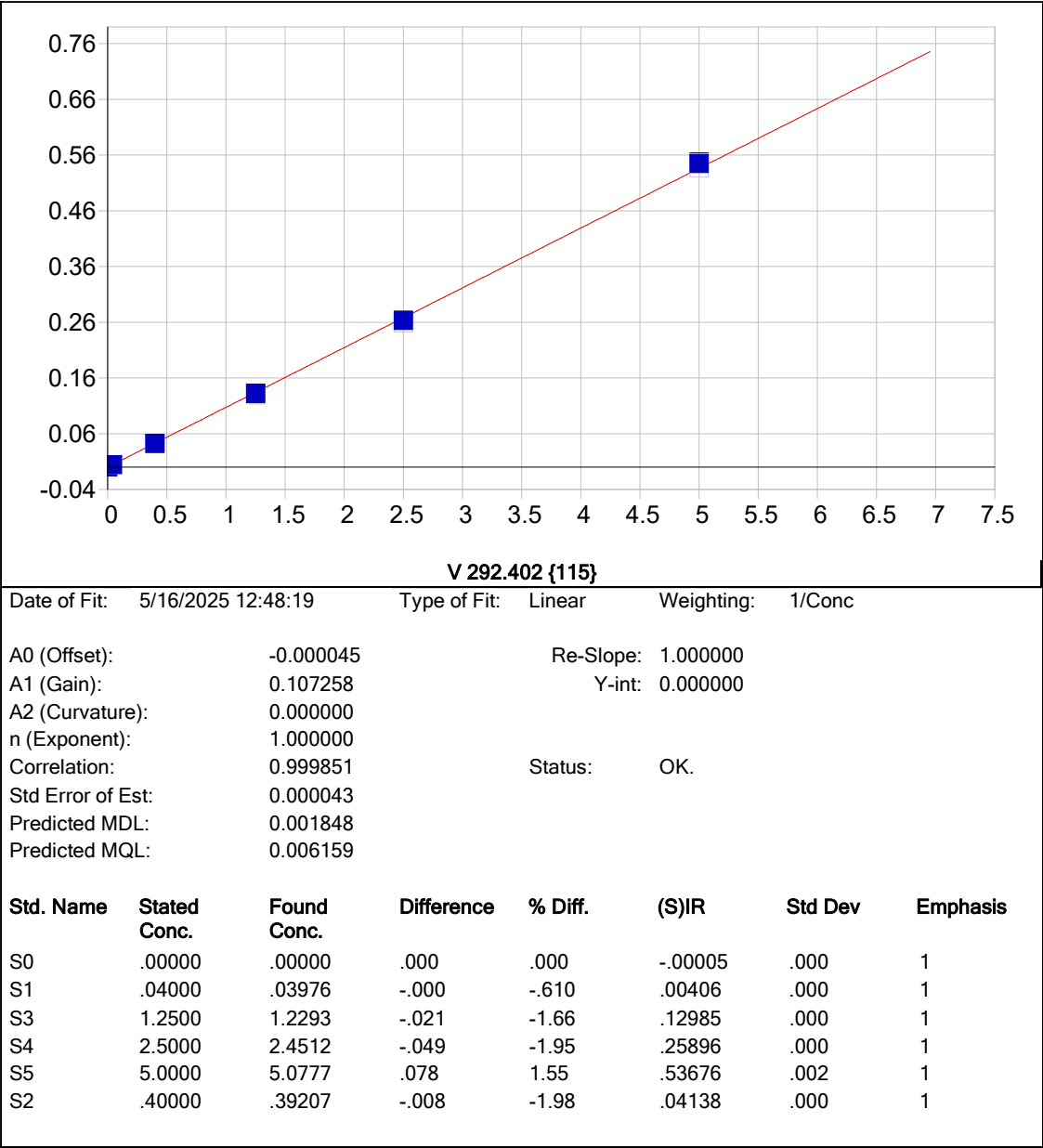


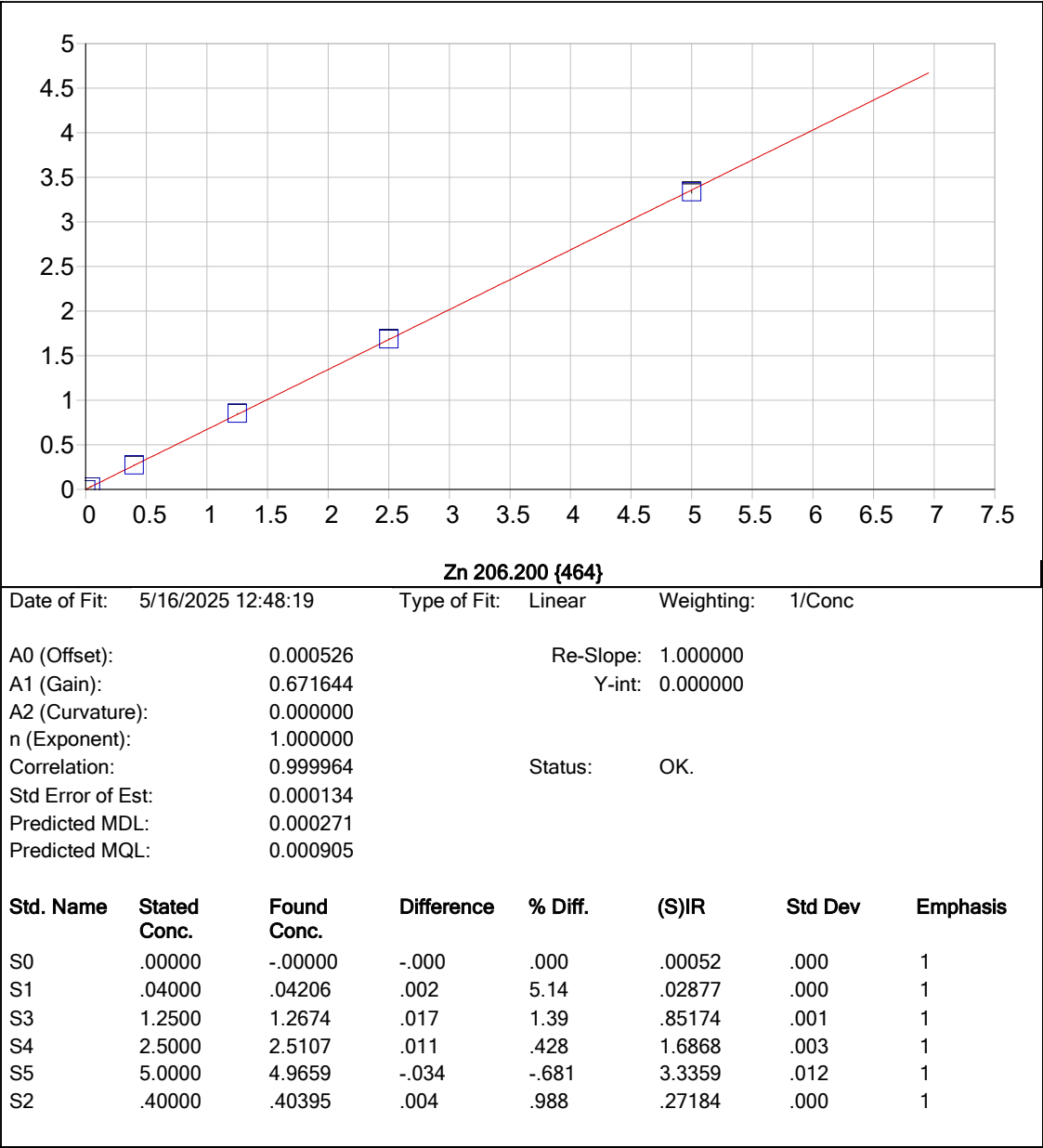


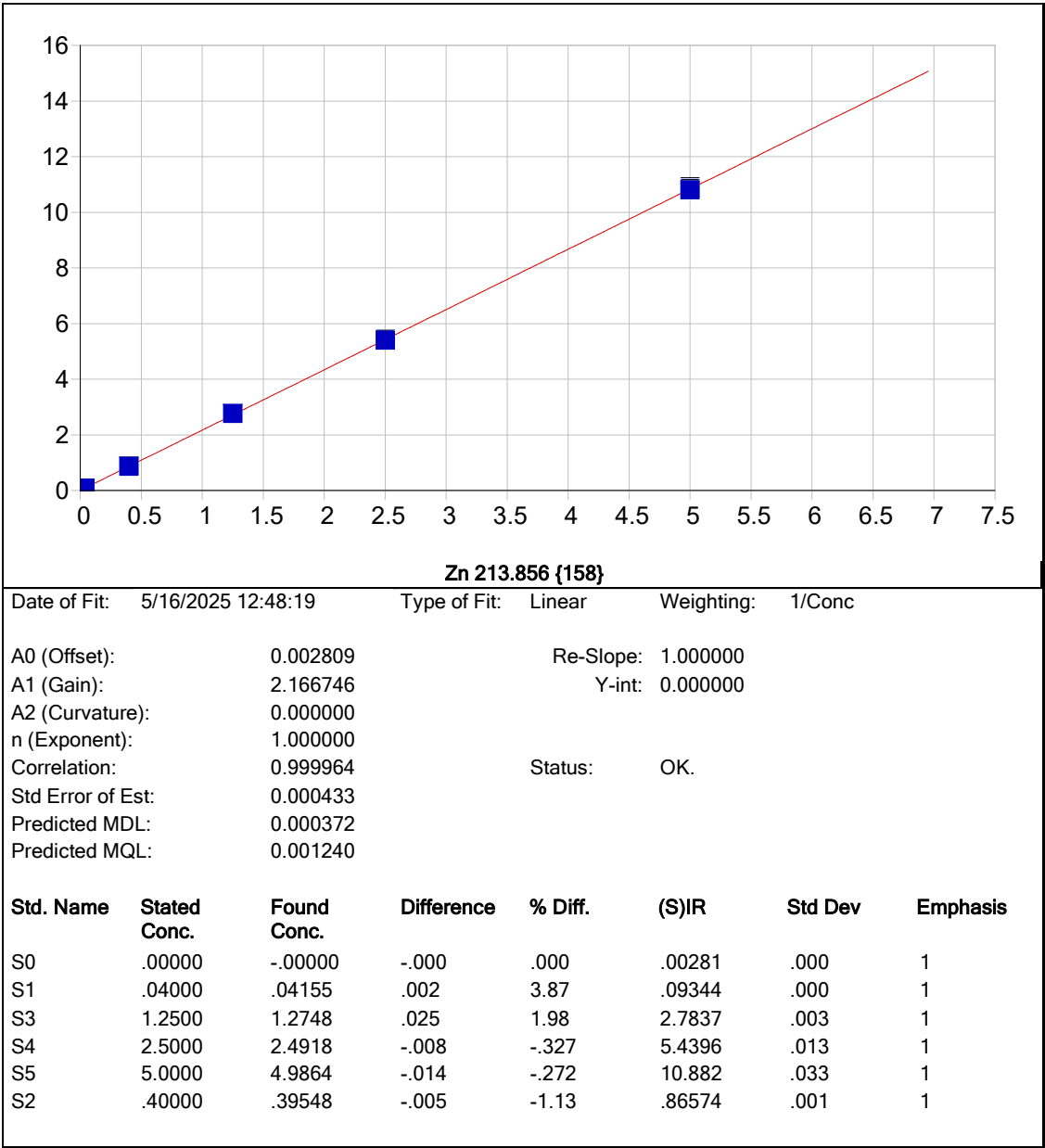


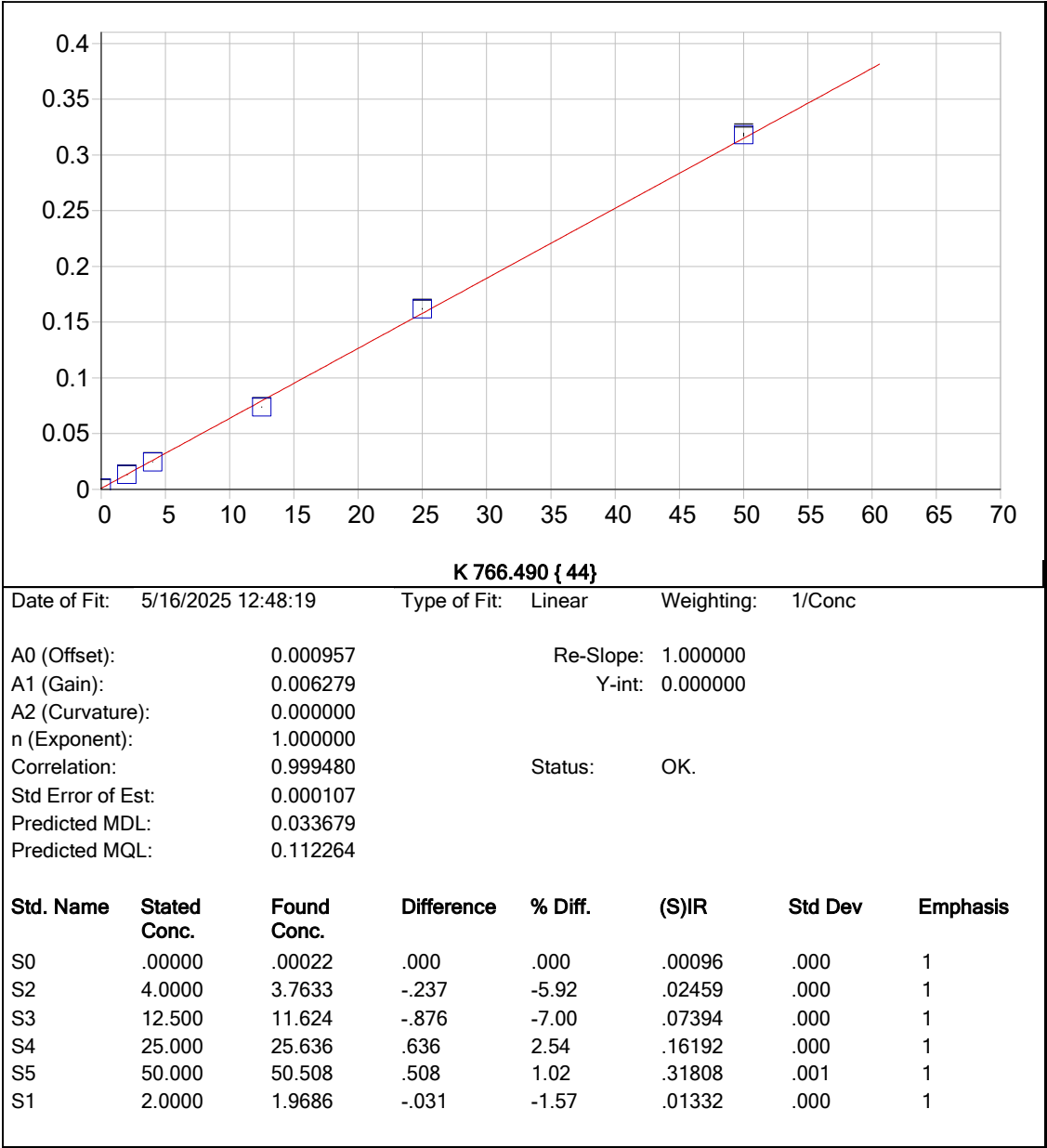


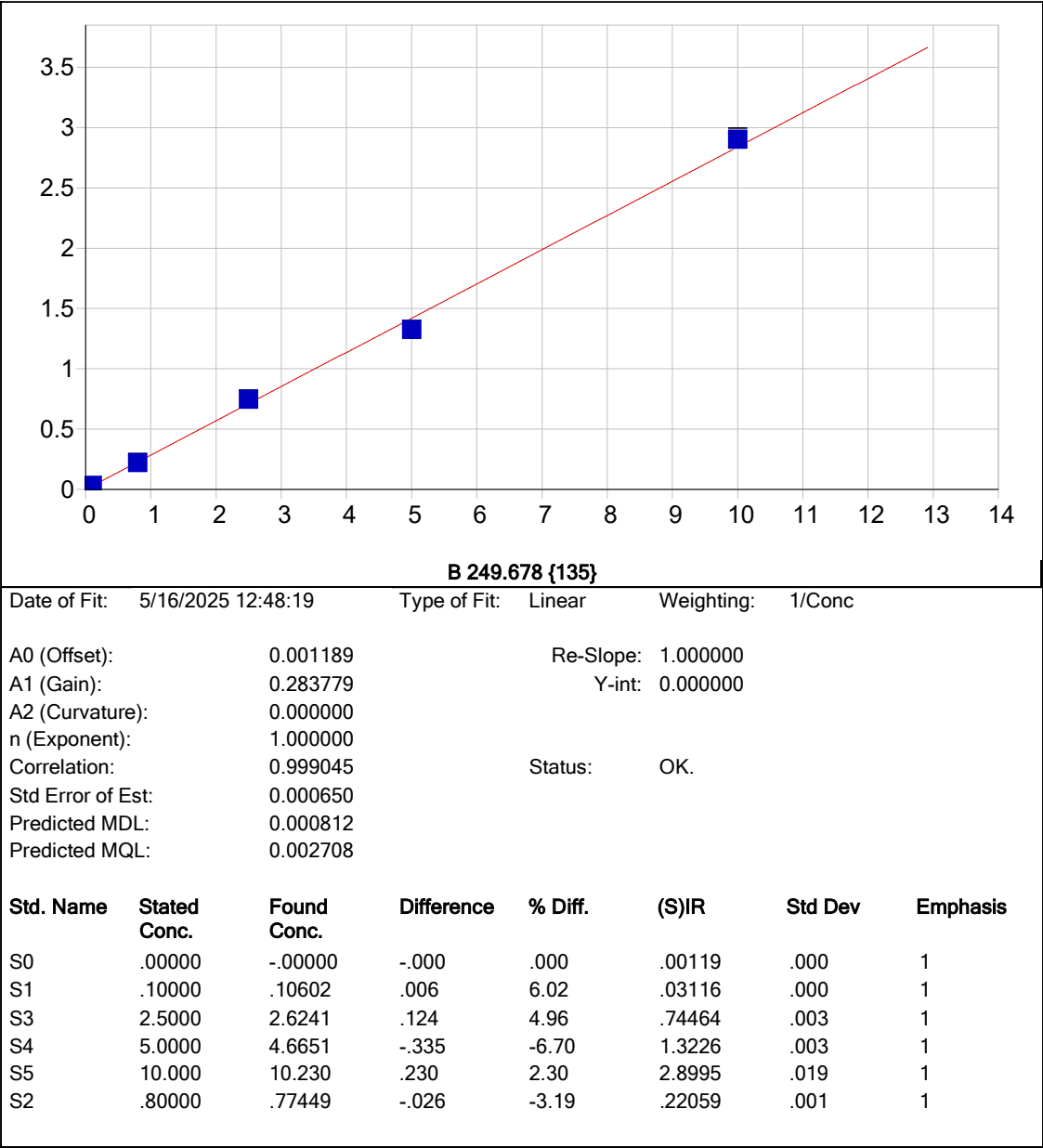


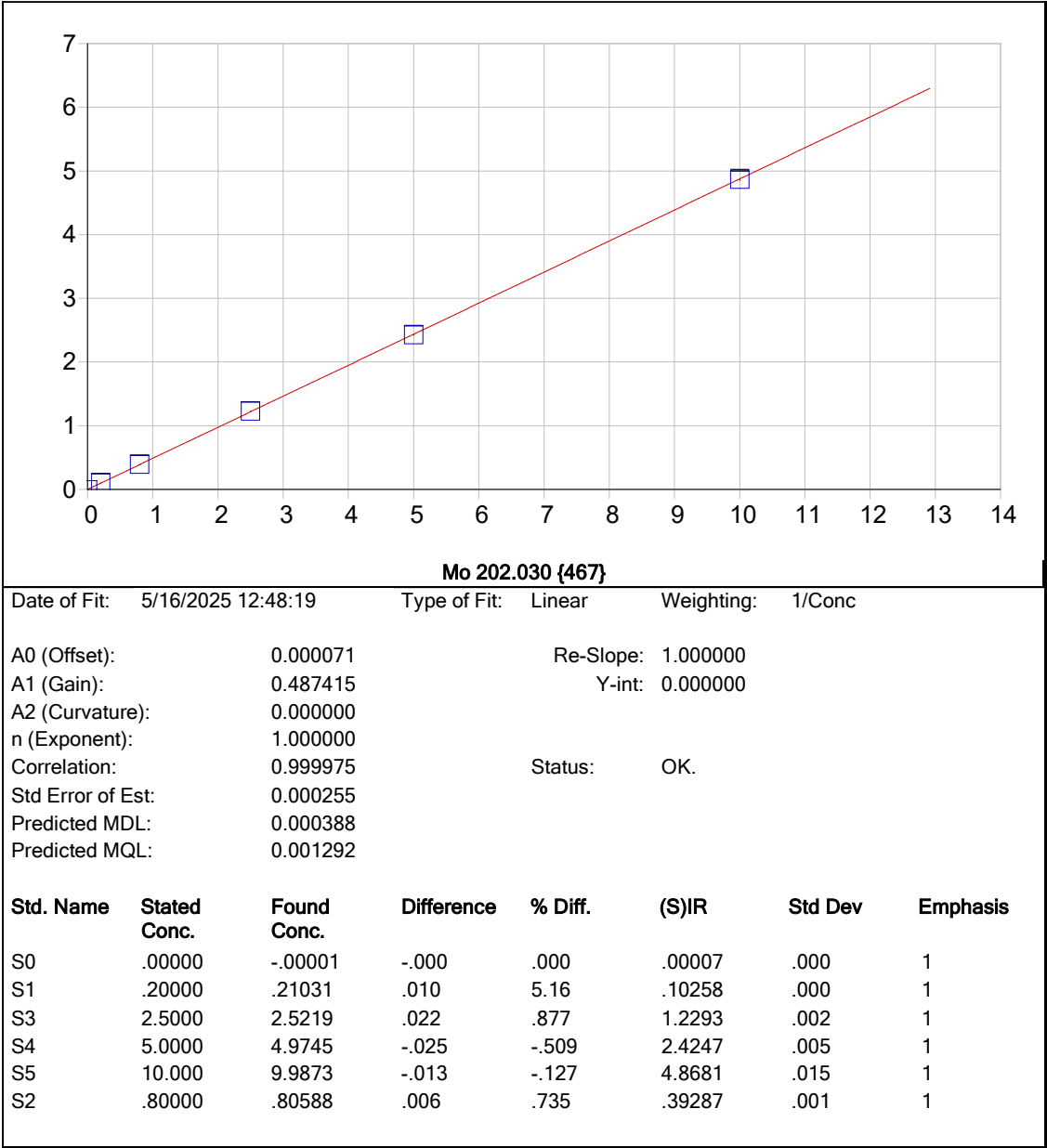


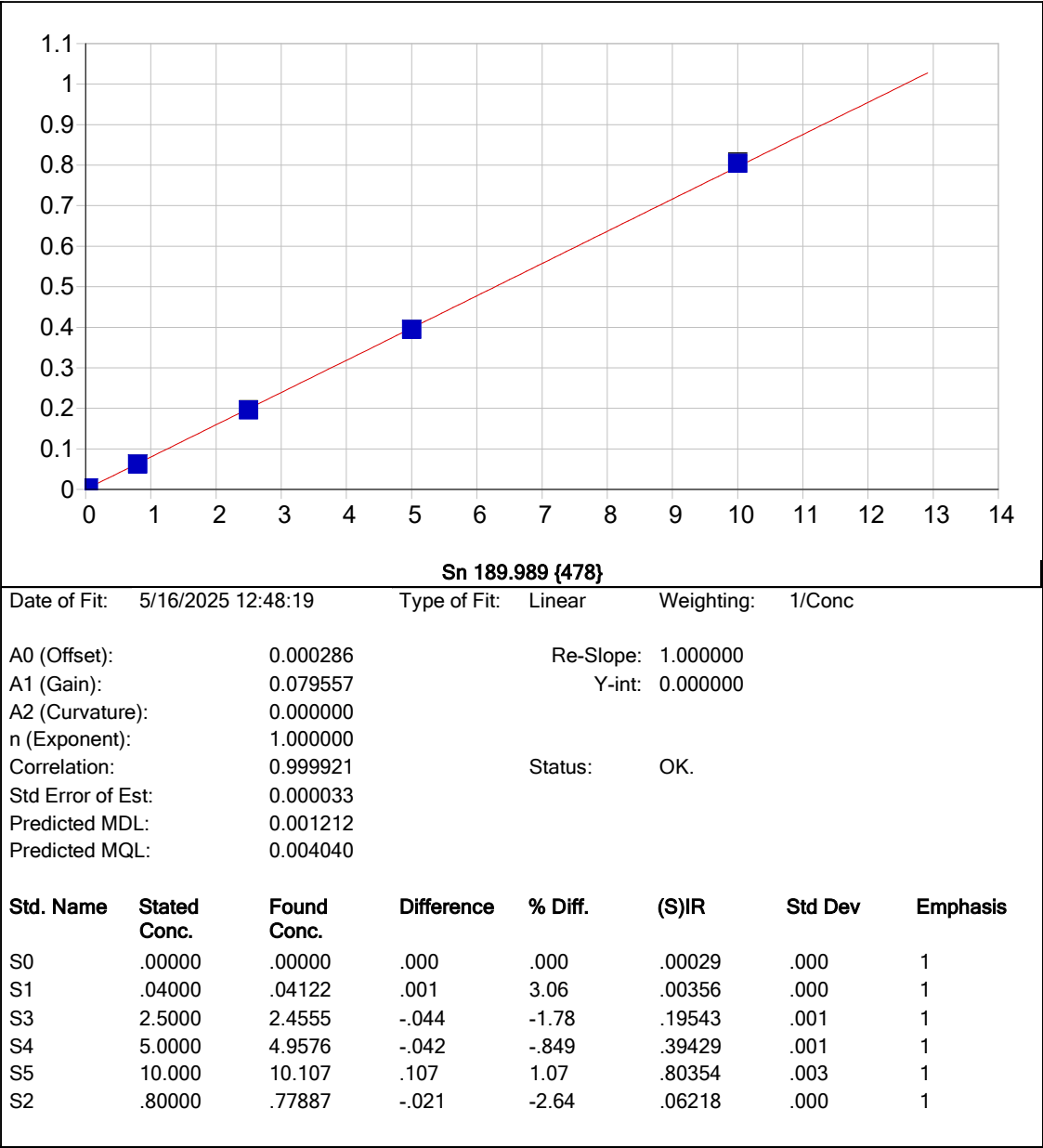


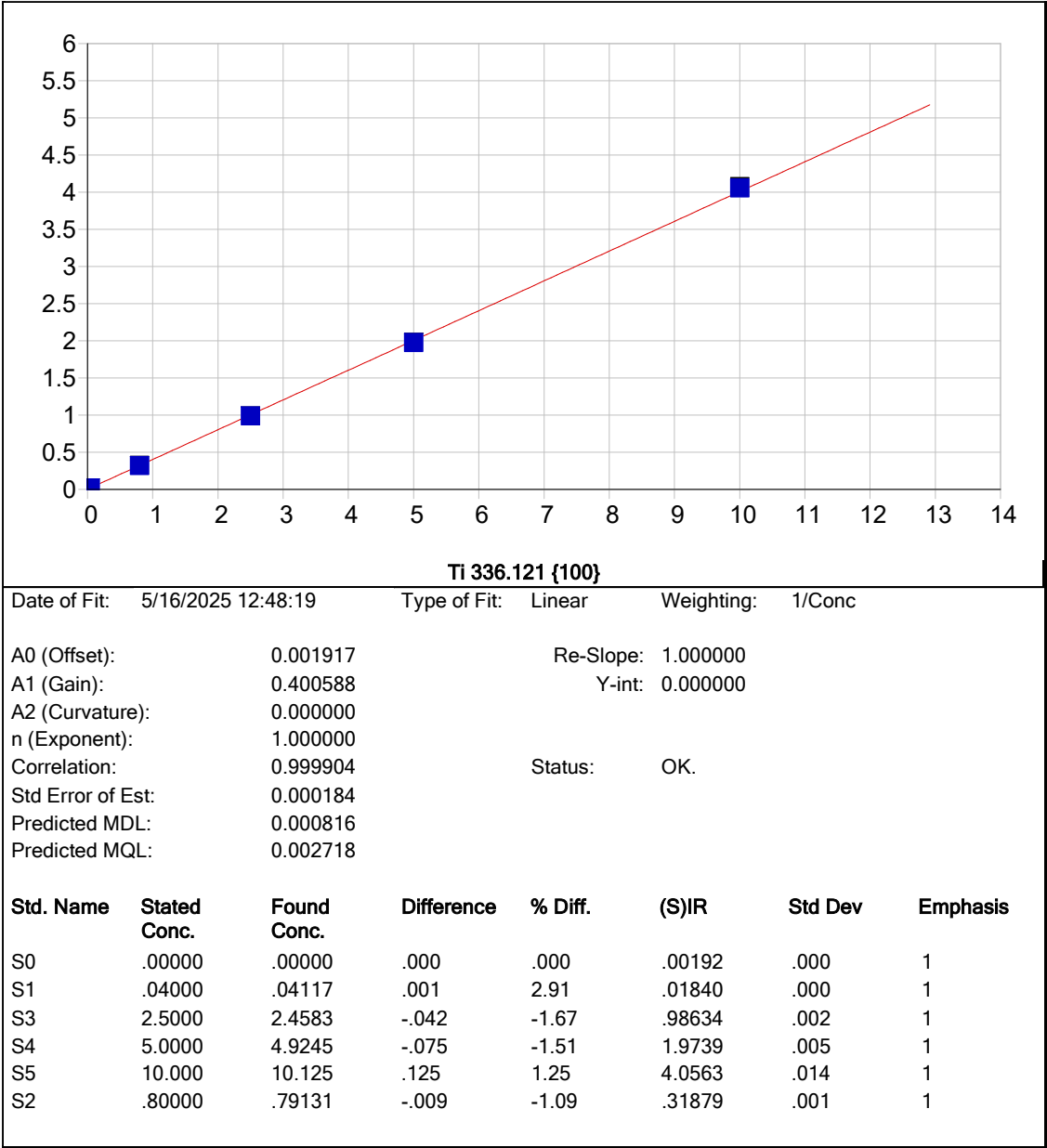


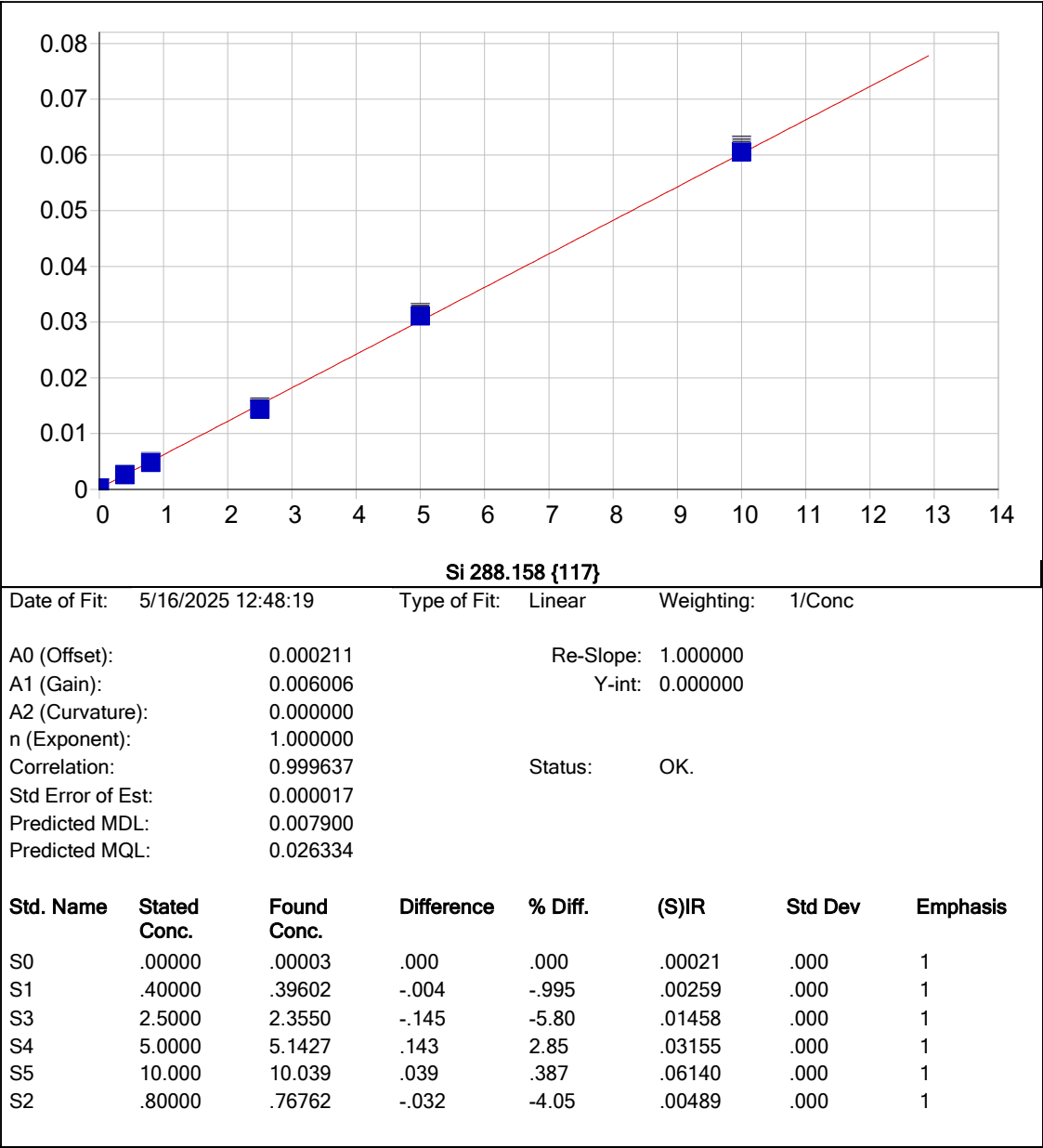


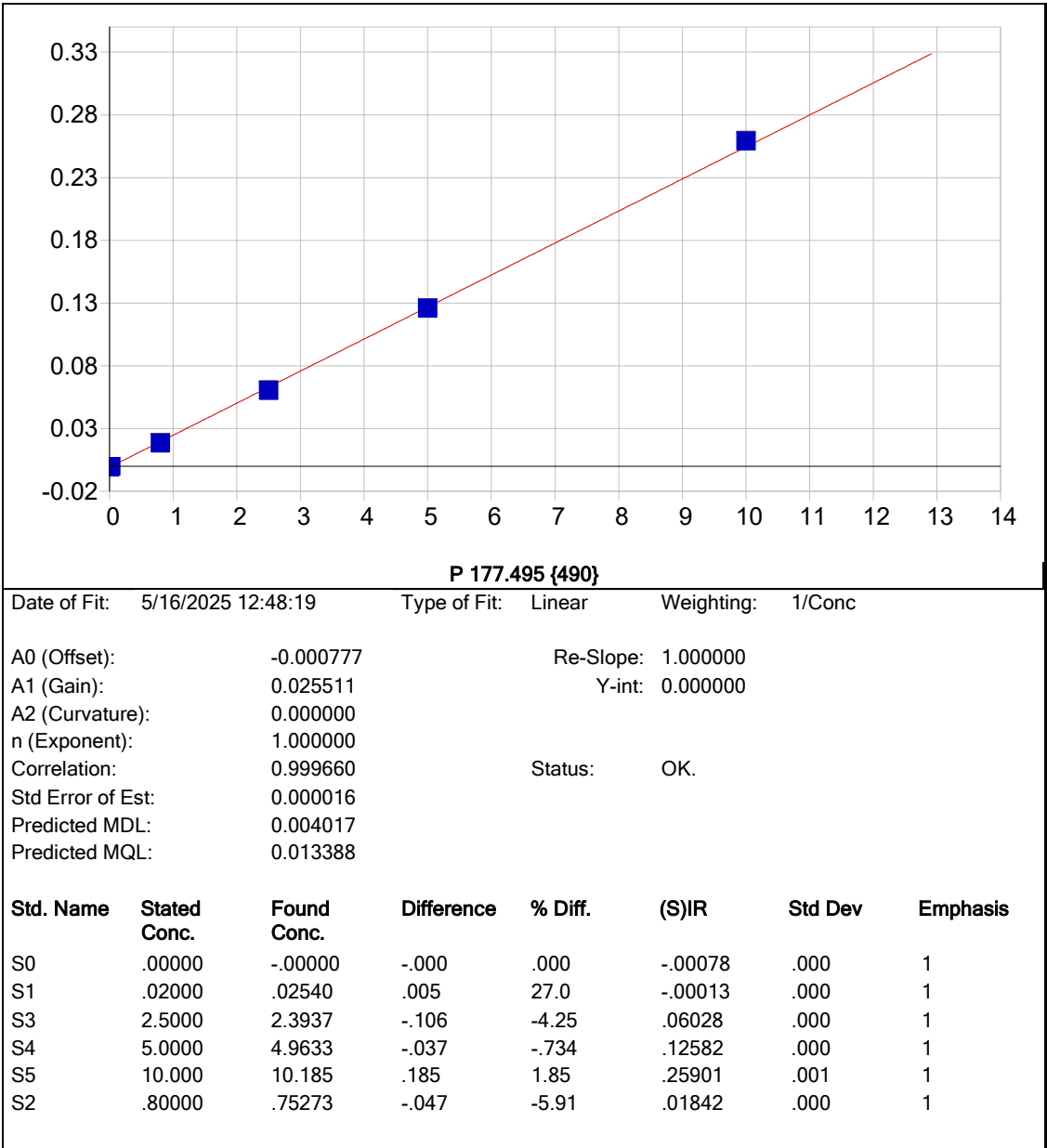


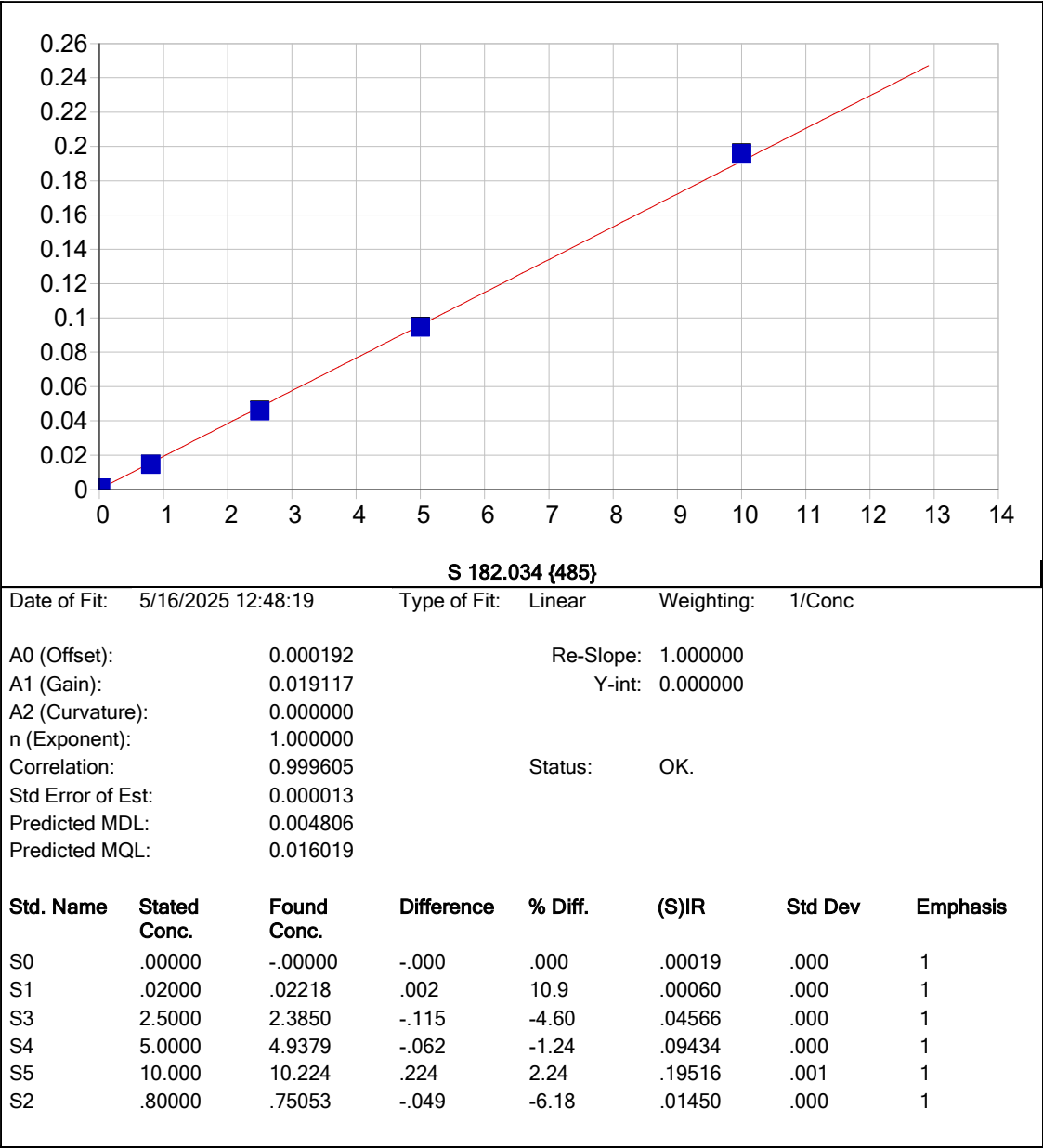


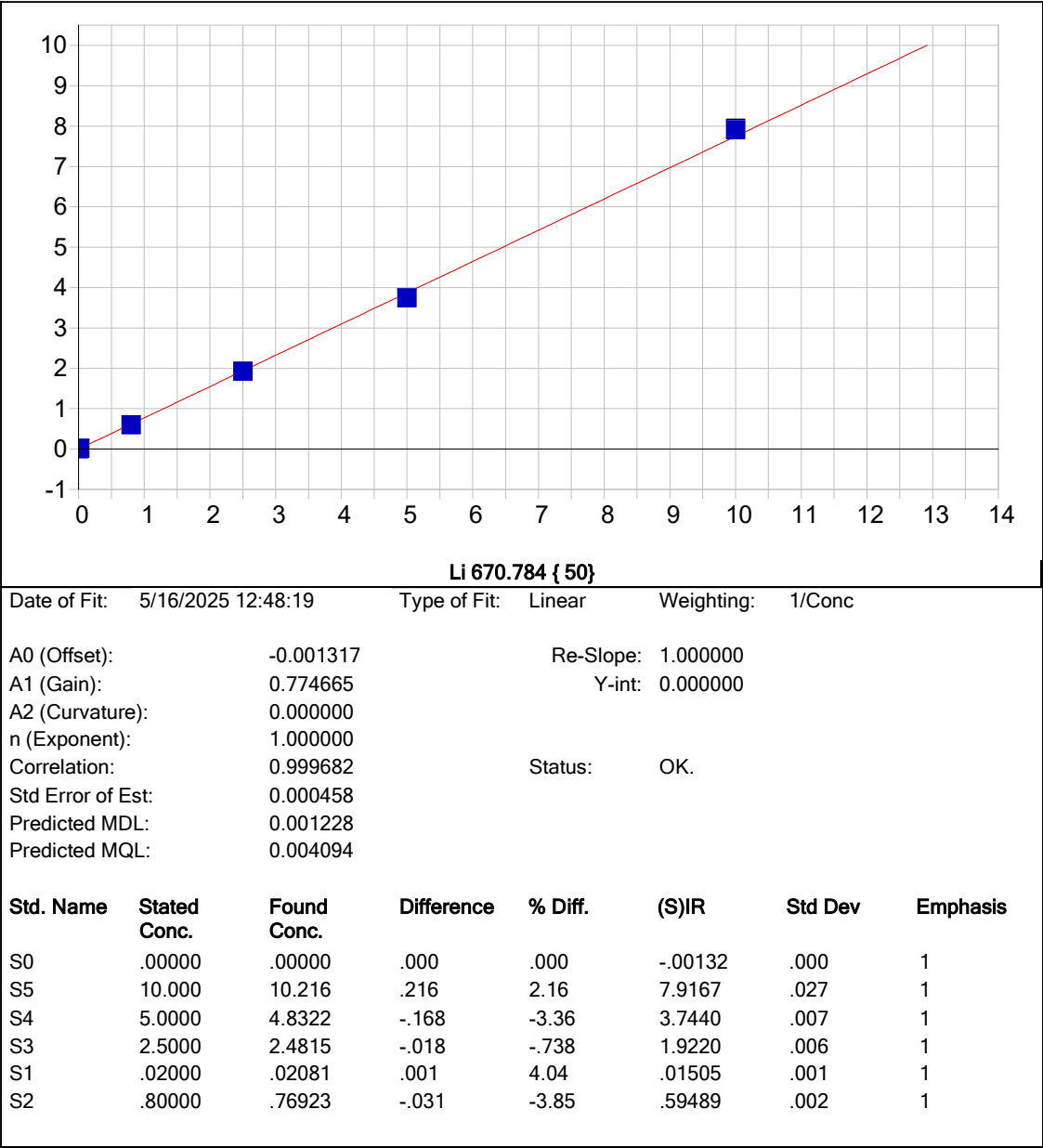


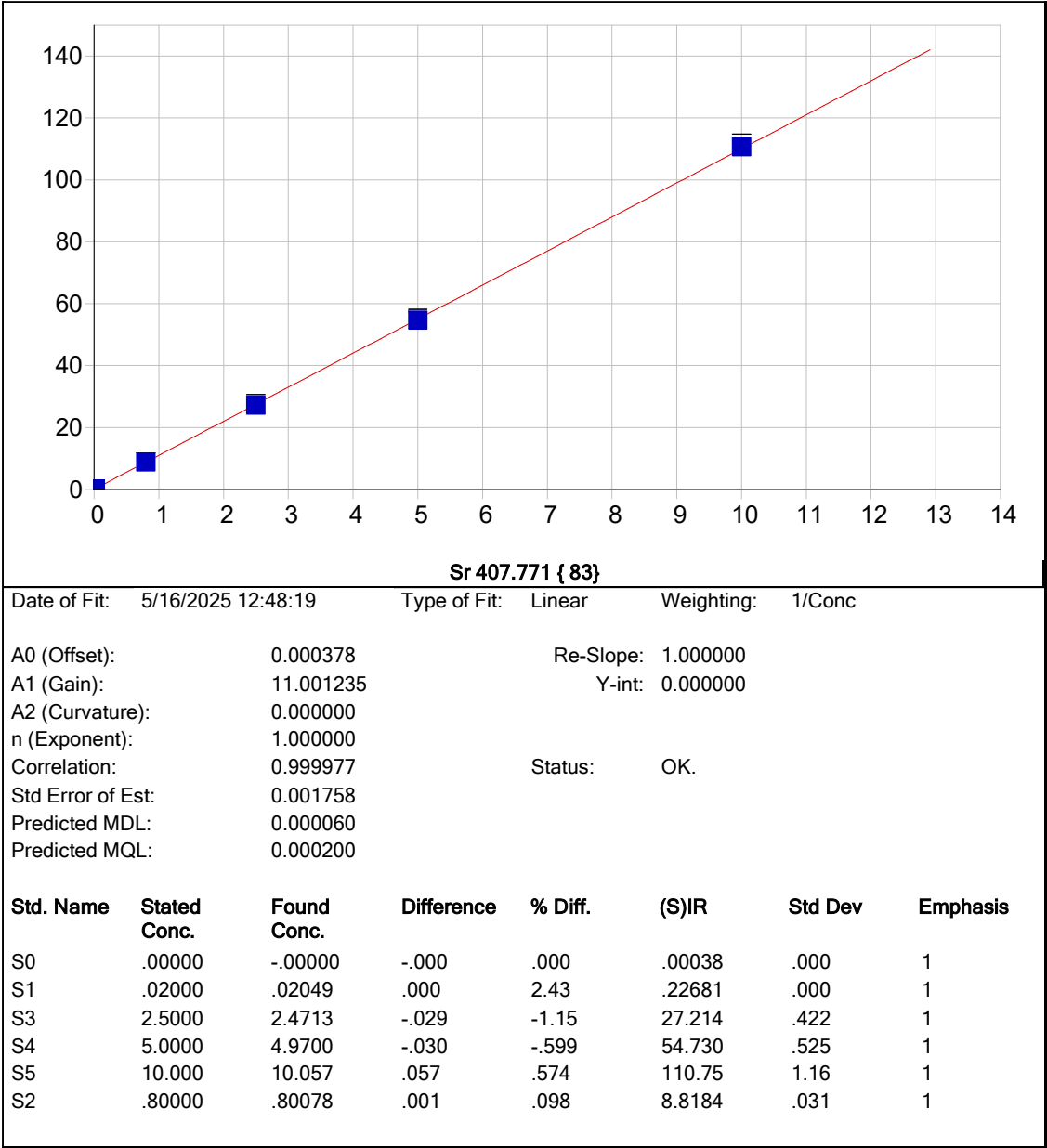


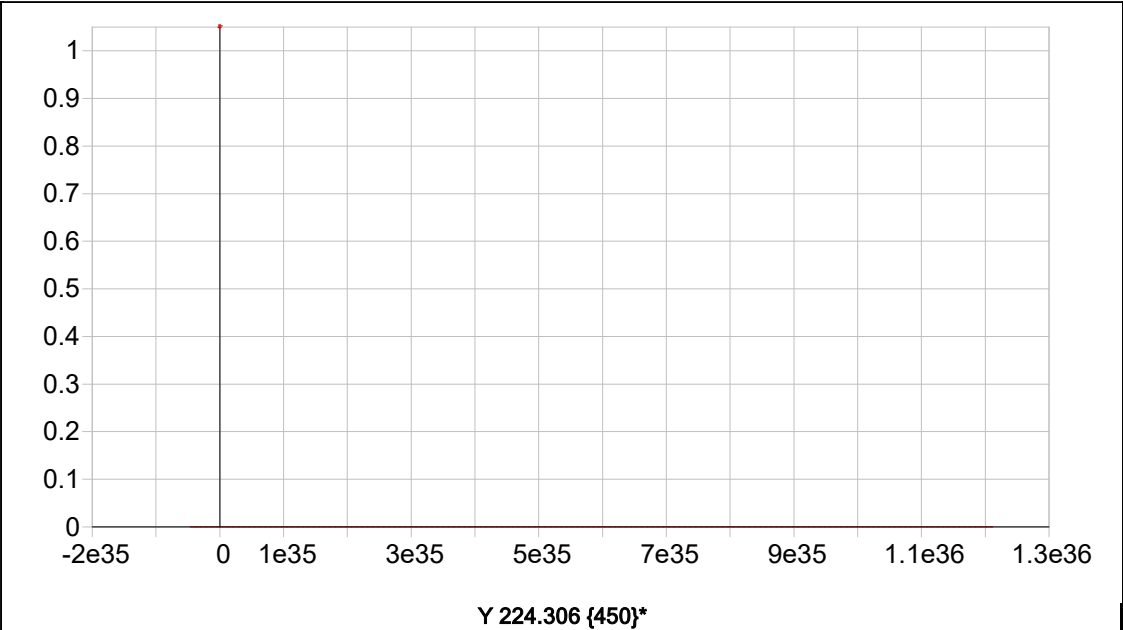






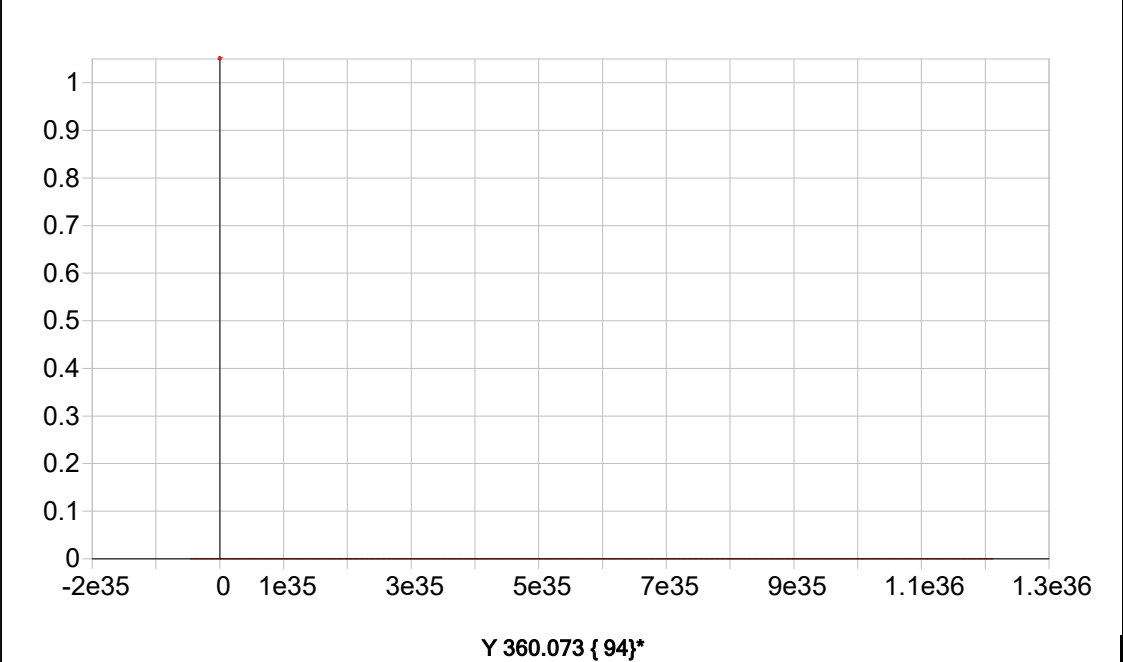




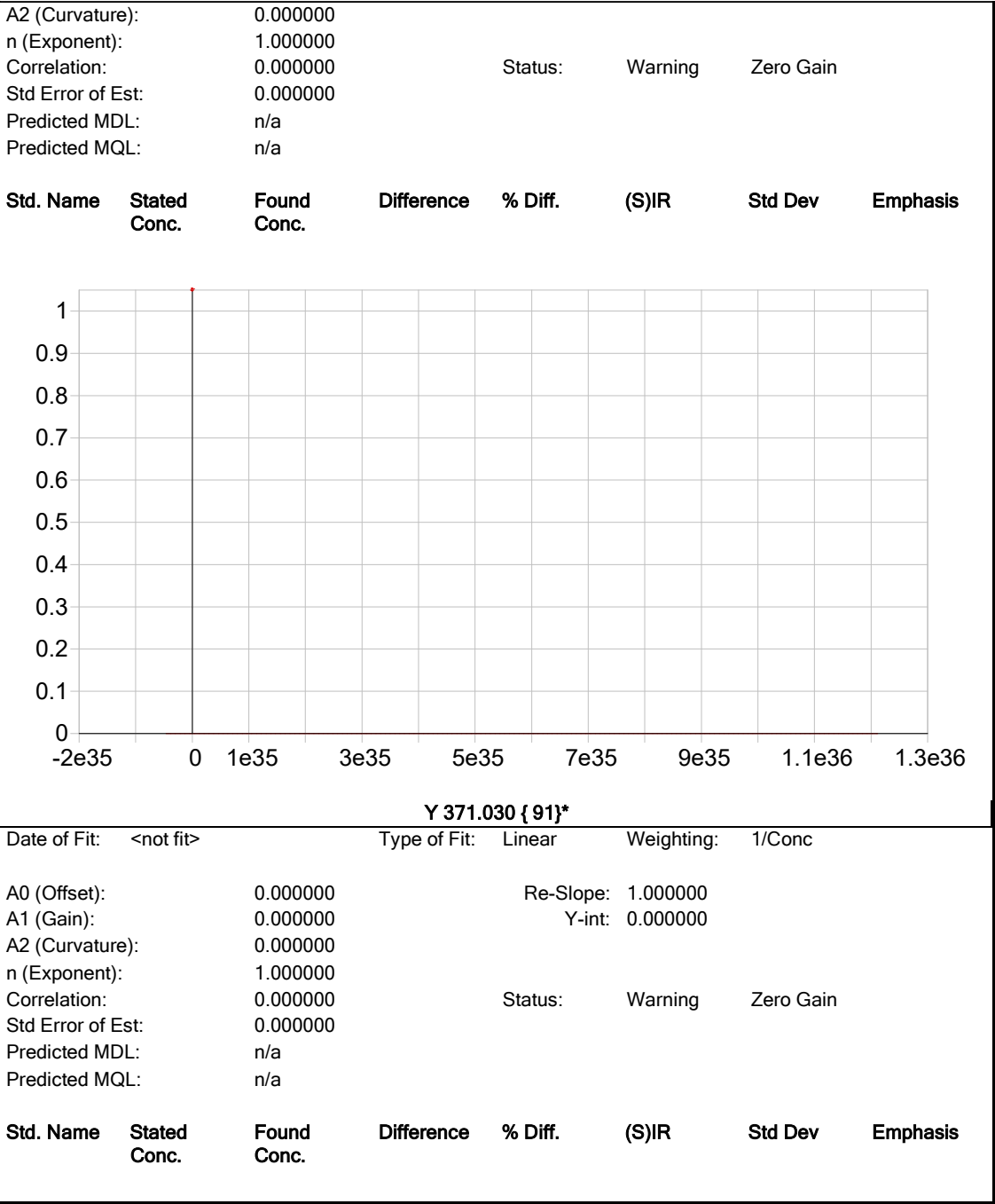


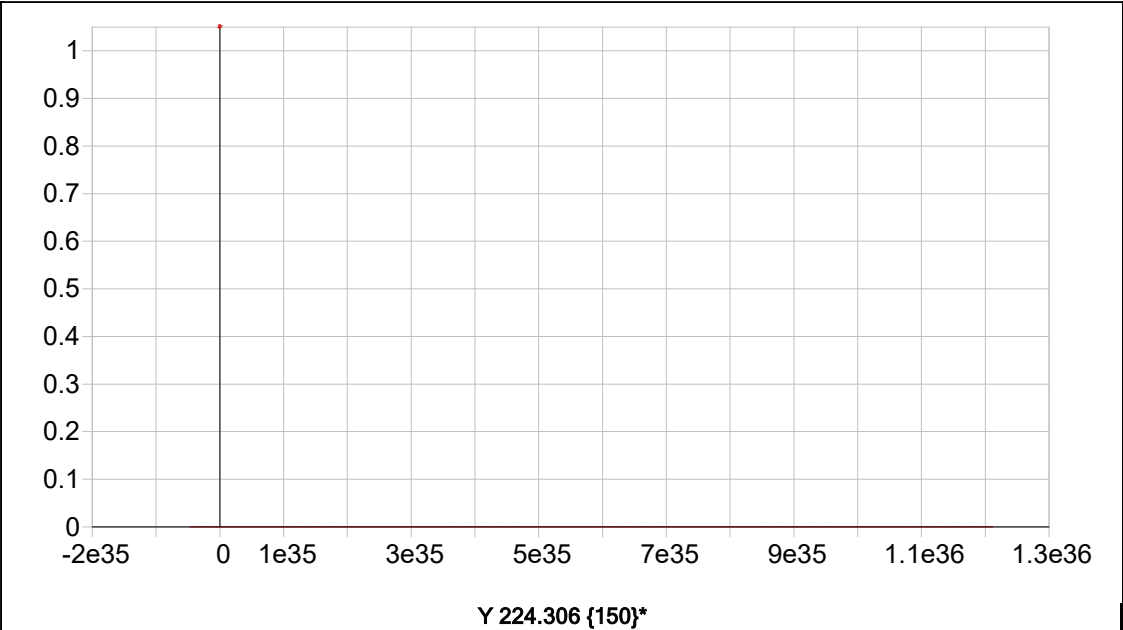
Date of Fit:	5/16/2025 12:15:54	Type of Fit:	Linear	Weighting:	1/Conc
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A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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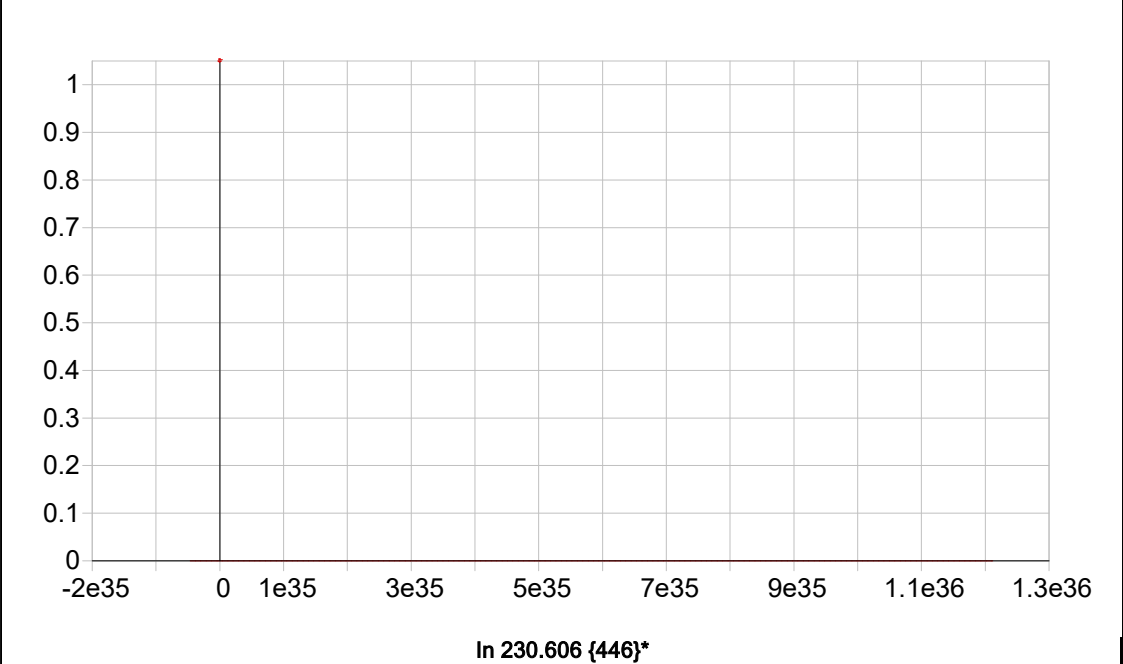
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





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					

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		

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: 5/16/2025 12:22:40 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	-.00007	-.00003	-.00018	.00017	.00033	.00023	.04842	.00005
Stddev	.00007	.00006	.00022	.00011	.00013	.00016	.00140	.00009
%RSD	102.43	218.27	120.18	62.585	39.371	69.984	2.8977	176.46

#1	-.00005	.00004	-.00037	.00030	.00020	.00037	.04895	.00012
#2	-.00001	-.00007	-.00024	.00012	.00033	.00025	.04947	.00008
#3	-.00016	-.00005	.00006	.00011	.00047	.00006	.04682	-.00005

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	.00006	.00052	.00008	.00009	-.00067	-.00001	.00081	-.00012
Stddev	.00005	.00028	.00004	.00015	.00009	.00002	.00010	.00013
%RSD	82.523	54.606	48.358	166.46	13.479	177.88	12.879	107.05

#1	.00005	.00053	.00004	.00025	-.00060	-.00001	.00070	.00002
#2	.00002	.00023	.00009	-.00006	-.00065	-.00003	.00091	-.00024
#3	.00011	.00080	.00012	.00010	-.00077	.00001	.00083	-.00015

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	-.00058	-.00148	.00907	-.00005	.00281	.00096	.00119	.00007
Stddev	.00010	.00003	.00035	.00011	.00018	.00005	.00025	.00006
%RSD	17.657	2.3502	3.8701	239.95	6.3091	5.6114	21.422	96.683

#1	-.00068	-.00149	.00942	-.00013	.00281	.00100	.00101	.00000
#2	-.00056	-.00144	.00872	-.00008	.00298	.00090	.00108	.00006
#3	-.00048	-.00151	.00908	.00008	.00263	.00097	.00148	.00013

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	.00029	.00192	.00021	-.00078	.00019	-.00132	.00038	
Stddev	.00007	.00013	.00000	.00005	.00002	.00011	.00019	
%RSD	23.345	6.6047	2.2789	6.7735	9.6207	8.0211	50.025	

#1	.00033	.00195	.00022	-.00084	.00019	-.00141	.00041	
#2	.00032	.00178	.00021	-.00076	.00021	-.00120	.00017	
#3	.00021	.00203	.00021	-.00074	.00017	-.00134	.00054	

Sample Name: S0 Acquired: 5/16/2025 12:22:40 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2885.9	72604.	13913.	2075.3	4275.6
Stddev	1.4	140.	23.	13.9	2.2
%RSD	.04929	.19242	.16304	.66875	.05242
#1	2885.0	72445.	13889.	2063.7	4275.1
#2	2887.6	72658.	13915.	2071.6	4273.6
#3	2885.2	72708.	13934.	2090.7	4278.0

Sample Name: S1 Acquired: 5/16/2025 12:27:03 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.00065	.00234	.00130	.00136	.00645	.00975	.22900	.01592
Stddev	.00016	.00014	.00010	.00011	.00025	.00039	.00282	.00009
%RSD	24.442	6.1173	7.7603	7.7556	3.9053	4.0128	1.2324	.57923
#1	.00054	.00241	.00128	.00127	.00639	.00929	.23025	.01598
#2	.00059	.00217	.00141	.00133	.00623	.00999	.23097	.01581
#3	.00084	.00243	.00121	.00147	.00673	.00995	.22576	.01597
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	.01229	.09811	.00152	.02141	.01318	.00041	.01193	.03176
Stddev	.00023	.00025	.00004	.00047	.00005	.00002	.00024	.00015
%RSD	1.8498	.25282	2.8189	2.2014	.38478	4.9203	1.9762	.48450
#1	.01214	.09785	.00151	.02092	.01319	.00039	.01171	.03168
#2	.01255	.09834	.00148	.02186	.01313	.00040	.01192	.03193
#3	.01218	.09814	.00157	.02145	.01323	.00043	.01218	.03166
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	.02642	.00031	.03762	.00406	.09344	.01332	.03116	.10258
Stddev	.00022	.00003	.00007	.00013	.00026	.00005	.00016	.00015
%RSD	.83557	9.9704	.19249	3.1713	.27311	.37938	.51275	.14291
#1	.02667	.00034	.03756	.00421	.09372	.01327	.03127	.10241
#2	.02631	.00033	.03770	.00400	.09339	.01337	.03098	.10268
#3	.02627	.00028	.03759	.00397	.09322	.01332	.03124	.10264
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	.00356	.01840	.00259	-.00013	.00060	.01505	.22681	
Stddev	.00011	.00009	.00004	.00005	.00002	.00133	.00021	
%RSD	3.0038	.46527	1.3815	41.760	3.9114	8.8319	.09052	
#1	.00359	.01846	.00255	-.00019	.00062	.01559	.22692	
#2	.00344	.01830	.00261	-.00008	.00057	.01602	.22657	
#3	.00365	.01843	.00262	-.00012	.00061	.01354	.22694	

Sample Name: S1 Acquired: 5/16/2025 12:27:03 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2838.3	68110.	13178.	1990.9	4190.9
Stddev	7.7	117.	26.	2.1	10.0
%RSD	.27082	.17139	.19421	.10672	.23815
#1	2830.9	68242.	13207.	1992.6	4183.0
#2	2837.8	68021.	13166.	1988.5	4187.6
#3	2846.3	68068.	13160.	1991.6	4202.1

Sample Name: S2 Acquired: 5/16/2025 12:31:27 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.02824	.04759	.10026	.04110	.09460	.13861	2.9224	.10615
Stddev	.00009	.00032	.00011	.00007	.00043	.00021	.0076	.00042
%RSD	.33441	.68026	.11312	.17575	.45698	.14987	.26173	.39831

#1	.02823	.04776	.10015	.04101	.09504	.13868	2.9300	.10661
#2	.02815	.04721	.10037	.04114	.09458	.13837	2.9225	.10578
#3	.02834	.04779	.10026	.04114	.09418	.13877	2.9147	.10605

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	.77149	.18945	.02398	.28172	.12476	.00335	.21118	.05839
Stddev	.00086	.00025	.00005	.00035	.00032	.00005	.00023	.00025
%RSD	.11136	.13159	.21827	.12375	.25592	1.6204	.10716	.42993

#1	.77222	.18965	.02393	.28156	.12447	.00330	.21141	.05813
#2	.77054	.18954	.02399	.28148	.12470	.00334	.21096	.05841
#3	.77172	.18917	.02403	.28212	.12510	.00341	.21118	.05863

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	.26624	.03463	.06357	.04138	.86574	.02459	.22059	.39287
Stddev	.00049	.00012	.00010	.00034	.00090	.00012	.00074	.00094
%RSD	.18413	.34061	.16153	.81601	.10432	.49172	.33480	.23845

#1	.26660	.03453	.06356	.04177	.86668	.02463	.22018	.39228
#2	.26568	.03458	.06367	.04114	.86488	.02445	.22144	.39237
#3	.26645	.03476	.06347	.04124	.86566	.02467	.22014	.39395

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	.06218	.31879	.00489	.01842	.01450	.59489	8.8184
Stddev	.00012	.00066	.00007	.00006	.00010	.00235	.0307
%RSD	.19254	.20829	1.3767	.32641	.68656	.39542	.34767

#1	.06219	.31953	.00495	.01837	.01444	.59760	8.8529
#2	.06230	.31825	.00482	.01849	.01444	.59366	8.8083
#3	.06206	.31858	.00491	.01841	.01461	.59340	8.7941

Sample Name: S2 Acquired: 5/16/2025 12:31:27 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2821.6	68009.	13160.	1973.5	4150.0
Stddev	5.7	199.	53.	4.5	3.8
%RSD	.20175	.29220	.40349	.22562	.09112
#1	2826.7	67889.	13099.	1973.5	4154.2
#2	2822.6	68238.	13197.	1978.0	4149.0
#3	2815.5	67899.	13183.	1969.1	4146.8

Sample Name: S3 Acquired: 5/16/2025 12:35:38 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.08933	.14852	.31514	.12862	.29646	.44816	8.9648	.36176
Stddev	.00044	.00041	.00061	.00041	.00081	.00070	.0217	.00086
%RSD	.48740	.27564	.19299	.31702	.27390	.15508	.24172	.23793
#1	.08972	.14850	.31550	.12907	.29591	.44850	8.9885	.36227
#2	.08886	.14812	.31444	.12826	.29608	.44862	8.9599	.36077
#3	.08941	.14893	.31548	.12854	.29739	.44736	8.9460	.36225
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	2.4094	.59202	.07465	.88260	.38911	.00966	.65040	.18695
Stddev	.0067	.00122	.00006	.00184	.00083	.00004	.00078	.00064
%RSD	.27761	.20636	.08143	.20846	.21349	.42643	.11981	.34189
#1	2.4150	.59332	.07471	.88261	.38957	.00968	.65087	.18713
#2	2.4020	.59182	.07459	.88076	.38815	.00968	.65083	.18748
#3	2.4112	.59090	.07467	.88444	.38962	.00961	.64950	.18624
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	.83293	.11353	.17713	.12985	2.7837	.07394	.74464	1.2293
Stddev	.00148	.00016	.00089	.00034	.0034	.00026	.00251	.0017
%RSD	.17776	.14262	.50149	.25970	.12153	.34809	.33644	.13555
#1	.83409	.11367	.17799	.13023	2.7801	.07366	.74629	1.2287
#2	.83126	.11358	.17718	.12968	2.7869	.07416	.74175	1.2280
#3	.83344	.11336	.17621	.12963	2.7842	.07401	.74586	1.2312
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	.19543	.98634	.01458	.06028	.04566	1.9220	27.214	
Stddev	.00054	.00247	.00012	.00031	.00025	.0059	.422	
%RSD	.27655	.25060	.84667	.52150	.55412	.30913	1.5508	
#1	.19572	.98898	.01444	.06014	.04582	1.9279	27.404	
#2	.19481	.98595	.01468	.06005	.04537	1.9222	26.730	
#3	.19577	.98408	.01462	.06064	.04579	1.9160	27.507	

Sample Name: S3 Acquired: 5/16/2025 12:35:38 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2789.9	65871.	12221.	1909.6	4070.0
Stddev	7.2	106.	45.	8.3	8.5
%RSD	.25741	.16026	.36884	.43578	.20909
#1	2798.1	65942.	12197.	1917.2	4078.9
#2	2786.9	65750.	12273.	1910.9	4069.1
#3	2784.7	65922.	12194.	1900.7	4062.0

Sample Name: S4 Acquired: 5/16/2025 12:39:54 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.17988	.29940	.63210	.25853	.59196	.87250	18.299	.64246
Stddev	.00064	.00065	.00082	.00023	.00218	.00244	.215	.00087
%RSD	.35755	.21577	.12896	.08783	.36817	.28003	1.1745	.13513

#1	.17939	.29984	.63254	.25827	.59022	.87023	18.164	.64165
#2	.17965	.29866	.63116	.25871	.59126	.87508	18.547	.64235
#3	.18061	.29971	.63259	.25860	.59441	.87217	18.186	.64337

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	4.8453	1.1649	.14683	1.7671	.77013	.02125	1.2765	.36653
Stddev	.0093	.0022	.00051	.0037	.00274	.00008	.0031	.00114
%RSD	.19174	.19344	.34579	.20665	.35615	.38749	.24543	.30984

#1	4.8488	1.1627	.14691	1.7667	.76785	.02134	1.2740	.36523
#2	4.8348	1.1649	.14729	1.7636	.76937	.02123	1.2753	.36731
#3	4.8523	1.1672	.14629	1.7709	.77317	.02118	1.2800	.36705

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	1.6638	.22534	.39657	.25896	5.4396	.16192	1.3226	2.4247
Stddev	.0024	.00029	.00094	.00004	.0129	.00047	.0031	.0050
%RSD	.14742	.12943	.23735	.01627	.23792	.28837	.23617	.20573

#1	1.6634	.22524	.39762	.25892	5.4273	.16215	1.3202	2.4206
#2	1.6615	.22567	.39626	.25895	5.4385	.16222	1.3215	2.4234
#3	1.6664	.22511	.39582	.25900	5.4531	.16138	1.3262	2.4303

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	.39429	1.9739	.03155	.12582	.09434	3.7440	54.730	
Stddev	.00075	.0047	.00011	.00040	.00042	.0069	.525	
%RSD	.18902	.23688	.33533	.31922	.44014	.18458	.95933	

#1	.39446	1.9702	.03160	.12595	.09419	3.7360	54.281	
#2	.39347	1.9724	.03143	.12537	.09402	3.7484	55.307	
#3	.39493	1.9792	.03162	.12614	.09481	3.7475	54.601	

Sample Name: S4 Acquired: 5/16/2025 12:39:54 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2714.9	64493.	13378.	1860.8	3888.8
Stddev	8.5	298.	52.	6.1	6.5
%RSD	.31379	.46196	.39045	.32834	.16760
#1	2724.8	64452.	13425.	1861.0	3896.2
#2	2710.6	64218.	13322.	1854.6	3885.9
#3	2709.5	64809.	13388.	1866.8	3884.1

Sample Name: S5 Acquired: 5/16/2025 12:44:07 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.36386	.59917	1.2788	.51986	1.2044	1.8355	36.892	1.3979
Stddev	.00129	.00029	.0056	.00240	.0036	.0076	.594	.0099
%RSD	.35339	.04886	.43729	.46082	.30122	.41678	1.6094	.70993
#1	.36280	.59941	1.2742	.51723	1.2003	1.8344	36.960	1.4007
#2	.36350	.59885	1.2773	.52045	1.2060	1.8437	37.449	1.4060
#3	.36529	.59926	1.2850	.52191	1.2070	1.8285	36.268	1.3868
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	9.8664	2.4069	.29432	3.6016	1.5370	.04051	2.6183	.77649
Stddev	.0322	.0108	.00069	.0111	.0048	.00017	.0151	.00435
%RSD	.32669	.45046	.23449	.30770	.31205	.42278	.57610	.56018
#1	9.8488	2.4119	.29512	3.5952	1.5325	.04065	2.6293	.77714
#2	9.8469	2.4144	.29388	3.5952	1.5363	.04032	2.6245	.78048
#3	9.9036	2.3945	.29397	3.6144	1.5421	.04055	2.6011	.77185
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	3.3747	.45957	.76548	.53676	10.882	.31808	2.8995	4.8681
Stddev	.0095	.00022	.00465	.00247	.033	.00147	.0192	.0148
%RSD	.27991	.04871	.60773	.46022	.29940	.46073	.66147	.30434
#1	3.3706	.45983	.76997	.53855	10.900	.31848	2.9016	4.8556
#2	3.3681	.45944	.76068	.53778	10.902	.31645	2.9175	4.8642
#3	3.3855	.45944	.76581	.53394	10.845	.31930	2.8793	4.8844
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	.80354	4.0563	.06140	.25901	.19516	7.9167	110.75	
Stddev	.00291	.0140	.00027	.00055	.00060	.0272	1.16	
%RSD	.36237	.34587	.44047	.21183	.30872	.34396	1.0477	
#1	.80113	4.0666	.06115	.25888	.19471	7.9386	111.48	
#2	.80271	4.0619	.06137	.25854	.19493	7.9252	111.36	
#3	.80678	4.0403	.06169	.25962	.19584	7.8862	109.41	

Sample Name: S5 Acquired: 5/16/2025 12:44:07 Type: Cal
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2688.1	63846.	12251.	1832.1	3785.5
Stddev	8.4	107.	82.	6.7	8.8
%RSD	.31074	.16822	.66982	.36613	.23245
#1	2697.3	63751.	12208.	1824.4	3793.8
#2	2685.8	63962.	12199.	1835.4	3786.4
#3	2681.1	63824.	12346.	1836.6	3776.3

Sample Name: ICV01 Acquired: 5/16/2025 12:48:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008070	1.013025	.9931593	1.024708	1.029475	2.428948
Stddev	.006044	.006248	.0015740	.003778	.003367	.005647
%RSD	.5995532	.6167515	.1584876	.3687222	.3270726	.2324828

#1	1.002101	1.008702	.9948102	1.027936	1.031106	2.434887
#2	1.007921	1.010184	.9916754	1.020552	1.025603	2.428309
#3	1.014186	1.020188	.9929921	1.025635	1.031716	2.423648

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4719455	.4877721	.5089275	9.509613	.5073154	.4996506
Stddev	.0030925	.0014770	.0004982	.008761	.0024670	.0004392
%RSD	.6552567	.3028058	.0978969	.0921309	.4862918	.0879061

#1	.4726302	.4883695	.5091541	9.514950	.5074837	.4991857
#2	.4746383	.4860900	.5083562	9.499502	.5047685	.4997074
#3	.4685681	.4888568	.5092722	9.514387	.5096939	.5000586

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5138164	9.402940	.4918546	5.584615	.5037307	.2260490
Stddev	.0016573	.041833	.0012697	.007789	.0007470	.0010109
%RSD	.3225487	.4448960	.2581521	.1394718	.1483020	.4472061

#1	.5143697	9.410485	.4908035	5.591511	.5029164	.2264553
#2	.5119532	9.440488	.4932654	5.576167	.5038912	.2248981
#3	.5151262	9.357848	.4914949	5.586167	.5043844	.2267935

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.642507	.4827794	.9988159	9.192014	F .0106379	F .0005010
Stddev	.115156	.0038008	.0030516	.039306	.0005822	.0002925
%RSD	1.194251	.7872722	.3055190	.4276127	5.472467	58.38513

#1	9.633529	.4823769	.9980696	9.219400	.0113101	.0006936
#2	9.761889	.4867654	.9962067	9.209664	.0103110	.0006449
#3	9.532103	.4791959	1.002171	9.146976	.0102927	.0001644

Sample Name: ICV01 Acquired: 5/16/2025 12:48:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.002409	F -.000405	F .0041311	F .0083771	F -.001368	F .0000146
Stddev	.000344	.000239	.0042493	.0006395	.001543	.0006959
%RSD	14.27906	59.10464	102.8606	7.633358	112.7404	4760.988
#1	-.002015	-.000444	.0084278	.0088419	-.002502	.0006707
#2	-.002562	-.000622	.0040348	.0076479	.000389	.0000885
#3	-.002649	-.000148	-.000069	.0086416	-.001992	-.000715

Elem	Sr4077
Units	ppm
Avg	F -.007542
Stddev	.000114
%RSD	1.506441
#1	-.007555
#2	-.007649
#3	-.007423

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2738.063	66660.37	12992.17	1915.988	4015.541
Stddev	6.952	132.21	44.36	7.119	3.956
%RSD	.2539010	.1983385	.3414641	.3715768	.0985258
#1	2741.553	66568.65	12968.87	1919.953	4020.103
#2	2742.579	66811.93	13043.33	1920.242	4013.043
#3	2730.058	66600.55	12964.31	1907.769	4013.478

Sample Name: LLICV01 Acquired: 5/16/2025 13:00:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0214754	.0398687	.0132467	.0219913	.0535393	.1022584	.0928703
Stddev	.0018452	.0015178	.0003172	.0008638	.0009328	.0008900	.0004532
%RSD	8.592098	3.806972	2.394449	3.928116	1.742238	.8702986	.4879457

#1	.0231130	.0404090	.0128930	.0221108	.0541302	.1018974	.0927684
#2	.0218371	.0381547	.0133412	.0210740	.0540238	.1016057	.0924768
#3	.0194762	.0410425	.0135059	.0227892	.0524640	.1032722	.0933657

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055443	.0061908	1.973318	.0098761	.0296795	.0219397	.1040796
Stddev	.0000845	.0000113	.004304	.0002302	.0003406	.0002705	.0037385
%RSD	1.524699	.1826953	.2181117	2.331174	1.147668	1.233051	3.591951

#1	.0055994	.0061852	1.969824	.0096486	.0300349	.0220268	.1065266
#2	.0054470	.0062039	1.978126	.0098709	.0293558	.0216363	.1059359
#3	.0055865	.0061835	1.972002	.0101089	.0296479	.0221559	.0997762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198140	2.052723	.0401913	.0098581	1.666463	.0395861	.0421704
Stddev	.0004329	.003734	.0003322	.0001646	.019388	.0021712	.0003013
%RSD	2.184999	.1818843	.8265450	1.670187	1.163424	5.484792	.7144561

#1	.0197311	2.049839	.0398476	.0099912	1.670739	.0406791	.0418280
#2	.0194286	2.051391	.0405107	.0099090	1.683355	.0409937	.0422880
#3	.0202825	2.056940	.0402155	.0096740	1.645293	.0370856	.0423951

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.936113	.1054260	.2140894	.0416803	.0398402	.4176876	.0231059
Stddev	.011032	.0013361	.0001045	.0004360	.0001032	.0034971	.0032278
%RSD	.5697817	1.267314	.0488064	1.045951	.2589732	.8372520	13.96974

#1	1.946738	.1042997	.2139761	.0419428	.0399313	.4136513	.0198264
#2	1.924715	.1050761	.2141101	.0411771	.0397281	.4196003	.0262795
#3	1.936887	.1069023	.2141820	.0419211	.0398612	.4198111	.0232118

Sample Name: LLICV01 Acquired: 5/16/2025 13:00:51 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0217615	.0172392	.0195375
Stddev	.0035589	.0004705	.0000575
%RSD	16.35428	2.729357	.2944504
#1	.0231406	.0170767	.0195289
#2	.0244245	.0168714	.0194848
#3	.0177194	.0177694	.0195989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.022	67628.35	13702.95	1878.272	4196.432
Stddev	2.258	161.41	13.48	7.847	4.745
%RSD	.0807742	.2386780	.0983825	.4177931	.1130780
#1	2796.548	67638.18	13687.46	1869.516	4199.484
#2	2792.429	67462.24	13712.06	1880.633	4190.965
#3	2796.089	67784.62	13709.33	1884.669	4198.847

Sample Name: ICB01 Acquired: 5/16/2025 13:05:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	-.002777	-.001420	.0003758	.0002261	.0007873	.0018478	-.001289
Stddev	.003917	.000950	.0012471	.0029669	.0020935	.0075962	.001570
%RSD	141.0286	66.90873	331.8932	1312.297	265.9020	411.0854	121.8278

#1	-.002981	-.002066	.0015901	-.001488	.0029158	-.005080	-.003071
#2	.001237	-.001864	-.000902	.003652	.0007156	.009971	-.000106
#3	-.006588	-.000329	.000439	-.001486	-.001269	.000652	-.000691

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000020	.0000560	.0077696	.0000462	-.000254	-.000405	.0128742
Stddev	.0000488	.0000794	.0075457	.0004279	.000208	.000258	.0050936
%RSD	2495.806	141.7914	97.11854	925.4099	81.74410	63.65097	39.56446

#1	.0000310	.0000269	.0160637	.0005341	-.000104	-.000117	.0148691
#2	-.000054	-.000005	.0059344	-.000265	-.000492	-.000614	.0166685
#3	.000029	.000146	.0013107	-.000130	-.000168	-.000486	.0070851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003891	.0032945	.0003456	.0001709	-.274187	-.000504	.0002225
Stddev	.0001674	.0109334	.0002251	.0003467	.007532	.001027	.0004014
%RSD	43.01685	331.8718	65.13465	202.8576	2.747073	203.6664	180.4313

#1	.0005080	.0033816	.0005582	.0000189	-.269749	.000279	-.000008
#2	.0004616	-.007682	.0003689	-.000074	-.282884	-.000125	-.000010
#3	.0001977	.014184	.0001098	.000568	-.269929	-.001667	.000686

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049035	.0044626	.0003502	-.001934	.0002511	-.005307	.0039566
Stddev	.023967	.0003894	.0003769	.000552	.0002795	.004620	.0004963
%RSD	48.87872	8.725668	107.6119	28.56142	111.3345	87.05413	12.54344

#1	-.061748	.0044558	.0007833	-.001366	-.000047	-.006567	.0040142
#2	-.021389	.0048553	.0001699	-.001966	.000508	-.009165	.0034340
#3	-.063966	.0040767	.0000973	-.002469	.000292	-.000188	.0044216

Sample Name: ICB01 Acquired: 5/16/2025 13:05:09 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000566	-.001127	.0000388
Stddev	.002155	.000790	.0000547
%RSD	380.5062	70.11493	141.1150

#1	-.003048	-.002016	.0000569
#2	.000503	-.000861	-.000023
#3	.000845	-.000504	.000082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.177	67108.34	13193.69	1909.799	4256.650
Stddev	11.989	395.99	32.45	11.815	14.104
%RSD	.4236064	.5900794	.2459572	.6186715	.3313344

#1	2842.367	66686.12	13167.83	1898.054	4271.943
#2	2818.400	67167.42	13183.14	1909.661	4244.154
#3	2829.764	67471.47	13230.10	1921.683	4253.854

Sample Name: CRI01 Acquired: 5/16/2025 13:09:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192939	.0423608	.0133415	.0189491	.0517984	.1070426
Stddev	.0023856	.0028548	.0009293	.0016580	.0013429	.0031628
%RSD	12.36448	6.739368	6.965344	8.749548	2.592624	2.954739

#1	.0179512	.0419972	.0133730	.0206093	.0523968	.1045852
#2	.0220482	.0453800	.0123969	.0189447	.0502602	.1059315
#3	.0178821	.0397052	.0142547	.0172934	.0527381	.1106110

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931654	.0057712	.0061275	1.978255	.0098348	.0295981
Stddev	.0010160	.0001095	.0000537	.008410	.0002521	.0000499
%RSD	1.090570	1.897309	.8758628	.4251249	2.562946	.1685199

#1	.0942101	.0056929	.0061538	1.987856	.0101203	.0295410
#2	.0931056	.0058963	.0060658	1.972195	.0097410	.0296199
#3	.0921807	.0057243	.0061630	1.974714	.0096431	.0296334

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220705	.1030669	.0205418	2.041036	.0395674	.0100004
Stddev	.0002749	.0010882	.0003472	.021799	.0001712	.0001478
%RSD	1.245498	1.055849	1.690104	1.068015	.4328123	1.478473

#1	.0223652	.1021867	.0203261	2.066031	.0394569	.0099004
#2	.0218210	.1027302	.0203571	2.031114	.0394808	.0101703
#3	.0220254	.1042837	.0209423	2.025964	.0397647	.0099306

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.678125	.0386635	.0423007	1.917936	.1058210	.2116681
Stddev	.006556	.0021683	.0004671	.015340	.0007253	.0009890
%RSD	.3906918	5.608136	1.104242	.7998305	.6854212	.4672541

#1	1.674969	.0396983	.0419298	1.901819	.1065583	.2105263
#2	1.685662	.0361717	.0428253	1.919632	.1051083	.2122594
#3	1.673743	.0401206	.0421471	1.932358	.1057963	.2122187

Sample Name: CRI01 Acquired: 5/16/2025 13:09:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403692	.0401446	.4013570	F .0270896	.0207458	.0189388
Stddev	.0003866	.0006673	.0045585	.0047078	.0021307	.0006197
%RSD	.9576775	1.662347	1.135759	17.37843	10.27069	3.271844
#1	.0399591	.0393827	.4054087	.0278438	.0210411	.0183232
#2	.0407270	.0406253	.4022408	.0220504	.0184828	.0189306
#3	.0404216	.0404258	.3964213	.0313748	.0227134	.0195624

Elem	Sr4077
Units	ppm
Avg	.0198116
Stddev	.0000612
%RSD	.3091804
#1	.0198421
#2	.0198516
#3	.0197411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.853	66487.39	13252.41	1900.847	4216.561
Stddev	2.609	202.81	44.34	8.173	4.346
%RSD	.0925814	.3050307	.3345593	.4299695	.1030646
#1	2817.016	66388.43	13220.32	1892.033	4213.447
#2	2820.778	66353.06	13233.91	1908.175	4221.526
#3	2815.766	66720.68	13303.00	1902.334	4214.710

Sample Name: ICSA01 Acquired: 5/16/2025 13:13:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078323	.0046133	-.005184	.0053674	-.002912	238.2262
Stddev	.0039212	.0011689	.001849	.0054583	.001670	.3985
%RSD	50.06491	25.33739	35.66149	101.6937	57.35108	.1672712

#1	.0071102	.0033459	-.003945	.0005261	-.001835	237.7769
#2	.0120644	.0048449	-.007310	.0112829	-.004835	238.5367
#3	.0043223	.0056491	-.004299	.0042932	-.002065	238.3651

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049219	.0014318	-.003460	224.1198	.0538760	.0012019
Stddev	.0008422	.0000379	.000245	.2217	.0004689	.0002481
%RSD	17.11119	2.644938	7.073536	.0989348	.8702986	20.64094

#1	.0050431	.0014049	-.003619	224.2433	.0543836	.0009720
#2	.0040256	.0014154	-.003584	224.2523	.0537852	.0014648
#3	.0056968	.0014751	-.003179	223.8638	.0534592	.0011688

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104682	93.55104	.0047400	240.3277	.0027998	-.005207
Stddev	.0008135	.70083	.0004824	.2755	.0000866	.000279
%RSD	7.770851	.7491454	10.17829	.1146392	3.094624	5.354435

#1	.0102723	94.18261	.0048049	240.1043	.0028975	-.005425
#2	.0097706	93.67344	.0042284	240.2433	.0027698	-.004892
#3	.0113618	92.79707	.0051868	240.6355	.0027322	-.005303

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198861	.0037305	.0025273	-.041849	F -.200228	.0001167
Stddev	.014588	.0007601	.0001468	.025578	.002683	.0004192
%RSD	7.336002	20.37498	5.810689	61.11899	1.340173	359.1909

#1	-.183961	.0046059	.0026863	-.051792	-.197728	.0005964
#2	-.213117	.0032391	.0023968	-.012793	-.199892	-.000067
#3	-.199506	.0033463	.0024988	-.060962	-.203064	-.000179

Sample Name: ICSA01 Acquired: 5/16/2025 13:13:47 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006297	-.000512	.0104170	.0023854	-.011057	.0004459
Stddev	.000267	.000235	.0019735	.0030752	.000828	.0002670
%RSD	4.236913	45.91565	18.94505	128.9148	7.486494	59.87734
#1	-.006099	-.000697	.0119436	.0005597	-.010184	.0002896
#2	-.006192	-.000248	.0081885	.0006607	-.011158	.0002939
#3	-.006601	-.000592	.0111189	.0059359	-.011830	.0007541

Elem	Sr4077
Units	ppm
Avg	.0050880
Stddev	.0003922
%RSD	7.708814
#1	.0046448
#2	.0052286
#3	.0053905

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.539	61410.54	12858.05	1759.484	3584.993
Stddev	8.380	140.33	9.86	12.746	7.477
%RSD	.3299756	.2285051	.0766892	.7244091	.2085508
#1	2543.732	61296.26	12868.28	1745.322	3591.270
#2	2544.995	61368.20	12848.60	1770.034	3586.987
#3	2529.890	61567.16	12857.28	1763.097	3576.722

Sample Name: ICSAB01 Acquired: 5/16/2025 13:18:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1133865	.1046799	.0438812	.0564352	.6304783	239.5341
Stddev	.0030455	.0020061	.0032442	.0058066	.0009277	.2738
%RSD	2.685973	1.916428	7.393079	10.28898	.1471436	.1143168

#1	.1116047	.1053333	.0419907	.0505048	.6308354	239.8305
#2	.1169030	.1062779	.0476272	.0566910	.6294251	239.2905
#3	.1116517	.1024286	.0420258	.0621096	.6311743	239.4814

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4772881	.4862144	1.003462	223.8090	.5523410	.4969011
Stddev	.0027382	.0012520	.001960	.2786	.0017072	.0012797
%RSD	.5737003	.2574960	.1953132	.1244972	.3090841	.2575369

#1	.4771524	.4852479	1.005051	223.8096	.5503822	.4980156
#2	.4746202	.4857667	1.001272	223.5300	.5535124	.4955035
#3	.4800915	.4876287	1.004062	224.0873	.5531285	.4971841

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5086323	93.84290	.4770585	239.1789	.9843158	.2056696
Stddev	.0015158	.14933	.0021660	.3252	.0022570	.0002972
%RSD	.2980222	.1591243	.4540362	.1359689	.2292938	.1445156

#1	.5103216	94.01444	.4786493	239.1446	.9862226	.2056306
#2	.5073908	93.74195	.4745917	238.8721	.9818239	.2059844
#3	.5081845	93.77232	.4779346	239.5198	.9849010	.2053938

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.138634	.4729894	1.029953	-.042509	F .4124564	F .6654787
Stddev	.008057	.0030510	.002815	.021274	.0016615	.0002030
%RSD	5.811646	.6450543	.2732648	50.04488	.4028381	.0305053

#1	-.133479	.4698204	1.030211	-.054716	.4135333	.6653177
#2	-.134504	.4732407	1.032629	-.017945	.4132930	.6654117
#3	-.147918	.4759070	1.027018	-.054867	.4105428	.6657068

Sample Name: ICSAB01 Acquired: 5/16/2025 13:18:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	F .6476967	F .6249015	F .6211187	F .0092197	F -.004120	F .0009875
Stddev	.0018299	.0002887	.0037829	.0013596	.006555	.0017625
%RSD	.2825269	.0461983	.6090398	14.74703	159.1230	178.4893
#1	.6497310	.6248918	.6169090	.0095563	-.011552	.0029602
#2	.6461847	.6251949	.6222138	.0103794	-.001647	-.000432
#3	.6471744	.6246178	.6242331	.0077234	.000840	.000434

Elem	Sr4077
Units	ppm
Avg	F .0052305
Stddev	.0002235
%RSD	4.272292
#1	.0050814
#2	.0051226
#3	.0054874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.308	59916.03	12657.54	1701.107	3515.335
Stddev	3.165	114.75	41.55	4.900	2.775
%RSD	.1274050	.1915230	.3282676	.2880364	.0789340
#1	2487.002	59817.85	12653.37	1696.410	3517.229
#2	2485.099	60042.18	12701.01	1706.187	3516.627
#3	2480.822	59888.05	12618.23	1700.725	3512.150

Sample Name: ICSADLX20 Acquired: 5/16/2025 13:22:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001624	-.000874	.0015867	-.001685	-.000148	11.48736	-.000699
Stddev	.002737	.000443	.0012035	.004501	.001120	.02815	.000945
%RSD	168.5116	50.65100	75.84623	267.1733	754.5817	.2450725	135.1884

#1	-.003234	-.000569	.0026247	.000499	.000922	11.48448	-.001634
#2	.001536	-.000671	.0002675	-.006862	-.000055	11.51684	-.000719
#3	-.003176	-.001382	.0018680	.001308	-.001312	11.46076	.000256

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001240	-.000098	11.21774	.0026264	-.000122	.0006949	4.432968
Stddev	.0000236	.000022	.03514	.0006689	.000199	.0001670	.013257
%RSD	19.05345	22.32918	.3132847	25.47027	163.6974	24.03603	.2990545

#1	.0001512	-.000108	11.17854	.0031763	-.000125	.0007529	4.442643
#2	.0001096	-.000114	11.24644	.0018816	-.000320	.0008251	4.438402
#3	.0001110	-.000073	11.22824	.0028212	.000079	.0005066	4.417857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000312	11.52291	.0004570	-.001023	-.239365	-.000028	.0002256
Stddev	.000365	.05837	.0002561	.000288	.006163	.001181	.0000991
%RSD	117.1156	.5065541	56.02857	28.17459	2.574751	4160.151	43.93821

#1	.000010	11.45900	.0004686	-.000818	-.237477	-.001345	.0003165
#2	-.000708	11.57341	.0001954	-.000899	-.246251	.000938	.0001199
#3	-.000237	11.53630	.0007071	-.001353	-.234367	.000322	.0002403

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081505	-.008885	.0004946	.0007996	.0004129	.0024463	.0009187
Stddev	.015191	.000473	.0004775	.0006058	.0004114	.0018439	.0010260
%RSD	18.63828	5.318316	96.54840	75.76306	99.62549	75.37236	111.6821

#1	-.072687	-.009430	-.000042	.0009801	.0008878	.0023575	.0020574
#2	-.072781	-.008602	.000653	.0012946	.0001644	.0006485	.0006325
#3	-.099046	-.008623	.000873	.0001241	.0001866	.0043330	.0000661

Sample Name: ICSADLX20 Acquired: 5/16/2025 13:22:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000338	.0003041	.0003985
Stddev	.005739	.0009751	.0000563
%RSD	1696.076	320.6740	14.11678

#1	.005360	.0010069	.0004038
#2	-.000257	-.000809	.0004520
#3	-.006118	.000714	.0003398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.235	65135.04	12645.52	1879.954	4081.575
Stddev	3.849	17.72	37.39	5.916	2.855
%RSD	.1394853	.0271977	.2956955	.3147053	.0699442

#1	2759.830	65122.37	12682.90	1882.246	4078.608
#2	2755.123	65127.47	12645.55	1884.381	4081.814
#3	2762.751	65155.28	12608.12	1873.234	4084.303

Sample Name: ICSABDLX20 Acquired: 5/16/2025 13:26:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034838	.0050451	.0018486	.0043695	.0289181	11.57412	.0217242
Stddev	.0014298	.0002380	.0007499	.0018558	.0010928	.03742	.0008074
%RSD	41.04247	4.717514	40.56632	42.47100	3.778796	.3232867	3.716501
#1	.0048837	.0052812	.0021336	.0064997	.0284561	11.61405	.0226519
#2	.0020258	.0050488	.0009980	.0031032	.0301660	11.53985	.0213401
#3	.0035420	.0048052	.0024143	.0035056	.0281322	11.56846	.0211805
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247958	.0472582	11.18997	.0265354	.0227606	.0245443	4.272727
Stddev	.0001457	.0001578	.00665	.0002657	.0002931	.0002709	.046794
%RSD	.5878179	.3338494	.0594524	1.001208	1.287729	1.103571	1.095186
#1	.0247758	.0473941	11.19475	.0262758	.0227366	.0248258	4.282346
#2	.0249505	.0472954	11.18237	.0265236	.0230649	.0245217	4.221870
#3	.0246610	.0470851	11.19280	.0268068	.0224802	.0242854	4.313964
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225448	11.58370	.0465148	.0093461	-.258397	.0222910	.0490490
Stddev	.0005641	.01973	.0002589	.0001014	.014652	.0017848	.0005802
%RSD	2.501967	.1703467	.5565719	1.085371	5.670503	8.006895	1.182828
#1	.0218989	11.60041	.0464083	.0093136	-.243301	.0242208	.0485561
#2	.0227947	11.56193	.0463263	.0092649	-.259329	.0206996	.0496884
#3	.0229407	11.58875	.0468100	.0094598	-.272561	.0219526	.0489025
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088149	.0389923	.0494988	.0463167	.0473693	.0398035	.0040914
Stddev	.032452	.0003962	.0000742	.0004823	.0008881	.0052087	.0014649
%RSD	36.81481	1.016165	.1498185	1.041282	1.874883	13.08604	35.80383
#1	-.066260	.0389628	.0494311	.0461776	.0475619	.0412301	.0024134
#2	-.125433	.0394024	.0495780	.0468532	.0481454	.0441503	.0047455
#3	-.072754	.0386116	.0494871	.0459192	.0464007	.0340302	.0051153

Sample Name: ICSABDLX20 Acquired: 5/16/2025 13:26:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014553	.0003557	.0005305
Stddev	.0038265	.0007488	.0000891
%RSD	262.9383	210.5043	16.79338

#1	.0053147	.0011125	.0005343
#2	-.002337	.0003395	.0006177
#3	.001389	-.000385	.0004396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.344	65589.02	12236.90	1875.406	4105.640
Stddev	4.216	324.96	24.25	9.117	7.743
%RSD	.1521121	.4954520	.1981458	.4861176	.1886039

#1	2774.624	65453.33	12209.90	1865.695	4110.773
#2	2772.818	65959.84	12243.95	1883.780	4096.733
#3	2766.589	65353.90	12256.83	1876.742	4109.415

Sample Name: CCV01 Acquired: 5/16/2025 13:35:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	5.002518	5.100531	5.031236	5.052843	5.061938	9.980274	9.714729
Stddev	.007528	.040663	.020688	.019862	.014070	.012550	.079913
%RSD	.1504746	.7972261	.4111870	.3930786	.2779528	.1257472	.8226009

#1	4.997106	5.128151	5.029435	5.066619	5.051053	9.994320	9.805963
#2	4.999333	5.053838	5.011507	5.030076	5.056936	9.970164	9.657134
#3	5.011114	5.119605	5.052765	5.061834	5.077825	9.976338	9.681091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2608332	2.500578	24.81326	1.005822	2.515863	1.272132	4.683635
Stddev	.0005280	.009975	.07568	.002054	.009310	.003937	.021923
%RSD	.2024309	.3989002	.3050057	.2042523	.3700531	.3094427	.4680688

#1	.2612216	2.501442	24.78327	1.007707	2.513551	1.270981	4.688059
#2	.2602320	2.490200	24.89934	1.006129	2.507927	1.268899	4.703009
#3	.2610461	2.510093	24.75718	1.003632	2.526111	1.276515	4.659838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.479451	25.03058	2.505838	1.248566	23.10115	2.488840	2.523236
Stddev	.003051	.06094	.008141	.002660	.08069	.005075	.006543
%RSD	.1230626	.2434531	.3248723	.2130285	.3492773	.2039198	.2592969

#1	2.476152	25.08653	2.508413	1.249271	23.09328	2.483596	2.522544
#2	2.482172	25.03957	2.496720	1.250802	23.18549	2.493727	2.530097
#3	2.480028	24.96565	2.512379	1.245624	23.02469	2.489197	2.517067

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.42067	5.200821	5.084476	5.011539	4.973306	4.725898	5.093884
Stddev	.06085	.006700	.015481	.017784	.006227	.017585	.024729
%RSD	.2598104	.1288235	.3044665	.3548585	.1252034	.3721088	.4854705

#1	23.36770	5.197811	5.078804	5.013501	4.966150	4.710508	5.096681
#2	23.48713	5.196153	5.072632	4.992856	4.977486	4.745065	5.067875
#3	23.40716	5.208498	5.101993	5.028261	4.976283	4.722122	5.117095

Sample Name: CCV01 Acquired: 5/16/2025 13:35:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.990402	5.020563	4.942944
Stddev	.018600	.008800	.010584
%RSD	.3727120	.1752793	.2141179
#1	4.991042	5.014012	4.954952
#2	4.971490	5.017113	4.934974
#3	5.008673	5.030566	4.938905

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.013	65042.78	12066.06	1851.519	3897.202
Stddev	3.456	263.24	27.82	8.083	2.619
%RSD	.1273236	.4047249	.2305336	.4365511	.0671998
#1	2718.003	64843.56	12037.75	1845.846	3899.006
#2	2711.996	64943.56	12067.09	1847.938	3898.402
#3	2712.039	65341.21	12093.35	1860.774	3894.198

Sample Name: CCB01 Acquired: 5/16/2025 13:39:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0010926	.0015793	.0011957	-.000923	-.000131	.0028597	-.001780
Stddev	.0017700	.0012850	.0003250	.003027	.000965	.0048454	.000150
%RSD	161.9919	81.36387	27.18231	328.0321	735.1761	169.4407	8.430866

#1	-.000455	.0001870	.0008354	.001910	.000714	-.002343	-.001621
#2	.000710	.0027197	.0012849	-.000566	-.001183	.003680	-.001799
#3	.003022	.0018311	.0014669	-.004112	.000075	.007243	-.001919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000435	.0000898	.0083955	.0001401	.0000257	.0003423	.0063885
Stddev	.0000357	.0000743	.0024723	.0001696	.0001662	.0001268	.0013130
%RSD	82.10016	82.72004	29.44771	120.9990	647.9664	37.03470	20.55253

#1	.0000042	.0000487	.0106952	.0002123	-.000130	.0002048	.0051003
#2	.0000523	.0000451	.0087104	-.000054	.000201	.0003675	.0063402
#3	.0000741	.0001755	.0057808	.000262	.000006	.0004546	.0077250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000190	.0016927	.0008915	-.000326	-.316103	-.000830	.0009439
Stddev	.000569	.0025996	.0004774	.000455	.016435	.001235	.0003170
%RSD	299.9242	153.5761	53.55329	139.4595	5.199245	148.7156	33.58877

#1	.000054	.0039954	.0007861	-.000097	-.319093	.000589	.0013085
#2	.000217	.0022091	.0004756	-.000850	-.330838	-.001656	.0007904
#3	-.000840	-.001126	.0014128	-.000032	-.298378	-.001424	.0007329

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.102319	.0165028	.0010751	.0005863	.0007354	-.001007	.0027090
Stddev	.030507	.0004896	.0001202	.0014605	.0006475	.004018	.0031441
%RSD	29.81565	2.966650	11.18136	249.1097	88.04331	399.1713	116.0626

#1	-.136233	.0167201	.0011336	-.000139	.0003974	-.002404	.0023966
#2	-.093608	.0159422	.0011549	.002267	.0003268	-.004139	-.000267
#3	-.077114	.0168461	.0009368	-.000370	.0014819	.003523	.005998

Sample Name: CCB01 Acquired: 5/16/2025 13:39:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032738	-.000905	.0001561
Stddev	.0032082	.000615	.0000340
%RSD	97.99570	67.95883	21.77574

#1	.0063684	-.001581	.0001788
#2	.0034900	-.000378	.0001170
#3	-.000037	-.000756	.0001725

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2790.793	67223.08	12801.52	1906.155	4145.028
Stddev	5.750	103.20	18.05	13.491	7.993
%RSD	.2060516	.1535177	.1409843	.7077837	.1928263

#1	2797.275	67339.51	12780.68	1917.490	4153.785
#2	2786.307	67186.82	12812.00	1909.742	4143.176
#3	2788.795	67142.90	12811.88	1891.232	4138.125

Sample Name: Q2022-01 Acquired: 5/16/2025 13:43:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3979547	-.032282	.0761084	-.009638	.0028845	113.8037
Stddev	.0068830	.001138	.0017755	.004612	.0033953	.1693
%RSD	1.729593	3.525499	2.332890	47.85747	117.7067	.1487413

#1	.3920390	-.032126	.0776755	-.006389	.0007860	113.8908
#2	.4055092	-.031230	.0764695	-.007607	.0068017	113.6086
#3	.3963159	-.033490	.0741800	-.014917	.0010658	113.9117

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018213	.0111129	.0032193	1117.147	.0633114	.0777002
Stddev	.003027	.0000602	.0000166	11.064	.0001548	.0005691
%RSD	.2972779	.5420556	.5146241	.9904021	.2445559	.7324093

#1	1.020619	.0111764	.0032191	1129.918	.0633810	.0770885
#2	1.014814	.0110565	.0032360	1111.062	.0634192	.0777979
#3	1.019206	.0111059	.0032029	1110.460	.0631339	.0782140

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631230	46.97105	2.274693	97.76634	.0480061	-.003327
Stddev	.0001036	.08296	.002977	.14483	.0004228	.000261
%RSD	.1641426	.1766246	.1308741	.1481390	.8807991	7.859871

#1	.0630066	46.89332	2.275106	97.76610	.0477733	-.003462
#2	.0631573	46.96142	2.271531	97.62163	.0477508	-.003493
#3	.0632052	47.05841	2.277442	97.91129	.0484942	-.003026

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.671627	.1012245	.1387227	6.618563	.0144852	.0031953
Stddev	.007213	.0014281	.0011915	.031011	.0011159	.0005461
%RSD	.2699666	1.410845	.8588864	.4685429	7.703394	17.09064

#1	2.679952	.1005940	.1383535	6.603297	.0134953	.0026126
#2	2.667257	.1002201	.1377594	6.598146	.0142657	.0036954
#3	2.667673	.1028593	.1400550	6.654248	.0156944	.0032777

Sample Name: Q2022-01 Acquired: 5/16/2025 13:43:51 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.014583	5.252322	3.099893	2.066103	F 24.36121	-.065826
Stddev	.001659	.004423	.020943	.017276	.07442	.002537
%RSD	11.37480	.0842021	.6756167	.8361865	.3054888	3.854490
#1	-0.015259	5.252274	3.078544	2.046281	24.28368	-.068721
#2	-.015796	5.247923	3.120406	2.077966	24.36786	-.063987
#3	-.012692	5.256768	3.100731	2.074061	24.43208	-.064770

Elem	Sr4077
Units	ppm
Avg	5.211397
Stddev	.023550
%RSD	.4518847
#1	5.238587
#2	5.197437
#3	5.198168

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3400.752	81728.29	17499.40	2317.552	3162.425
Stddev	13.213	274.84	76.11	16.474	9.333
%RSD	.3885391	.3362889	.4349081	.7108408	.2951341
#1	3386.357	81588.76	17424.43	2329.540	3151.658
#2	3403.572	81551.21	17497.18	2298.767	3168.210
#3	3412.328	82044.91	17576.59	2324.349	3167.408

Sample Name: Q2022-02 Acquired: 5/16/2025 13:48:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6057740	.0281429	.3682996	.0413182	-.005765	130.3335
Stddev	.0053352	.0021907	.0012321	.0037994	.002164	.1751
%RSD	.8807310	7.784313	.3345455	9.195562	37.54145	.1343466

#1	.6117856	.0257678	.3687223	.0456431	-.003563	130.1394
#2	.6016017	.0300845	.3669117	.0397934	-.007889	130.3812
#3	.6039348	.0285762	.3692647	.0385179	-.005842	130.4798

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.553827	.0334912	.0018691	63.80781	.3652277	.3905002
Stddev	.004210	.0002233	.0007752	.05175	.0012145	.0009024
%RSD	.2709452	.6666690	41.47649	.0811056	.3325434	.2310819

#1	1.558548	.0332629	.0027156	63.85787	.3647581	.3904178
#2	1.550461	.0335017	.0016979	63.75452	.3643181	.3896418
#3	1.552472	.0337090	.0011937	63.81104	.3666069	.3914409

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7091599	553.4803	9.570290	47.04091	.4406679	-.033016
Stddev	.0010465	2.6226	.018793	.05428	.0001929	.000275
%RSD	.1475624	.4738423	.1963689	.1153987	.0437639	.8315890

#1	.7103670	551.7562	9.581024	46.98100	.4405921	-.033326
#2	.7085091	552.1863	9.548590	47.05488	.4408871	-.032801
#3	.7086035	556.4985	9.581256	47.08684	.4405244	-.032922

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6682417	.4023597	1.461913	18.56905	F -1.05440	.0037486
Stddev	.0091319	.0010607	.007641	.09362	.00754	.0005063
%RSD	1.366554	.2636105	.5226988	.5041494	.7152643	13.50577

#1	.6764198	.4012979	1.458055	18.55294	-1.04760	.0038045
#2	.6699172	.4034193	1.456969	18.48453	-1.06251	.0032167
#3	.6583881	.4023620	1.470714	18.66967	-1.05308	.0042245

Sample Name: Q2022-02 Acquired: 5/16/2025 13:48:20 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110034	4.033451	2.054018	9.989698	.4430539	.3169659
Stddev	.0011091	.004457	.011257	.016983	.0035515	.0014445
%RSD	10.07925	.1104887	.5480386	.1700082	.8015855	.4557241
#1	.0120770	4.038127	2.058636	9.975480	.4444936	.3174086
#2	.0110711	4.029252	2.041187	9.985109	.4456594	.3153519
#3	.0098620	4.032974	2.062231	10.00850	.4390086	.3181373

Elem	Sr4077
Units	ppm
Avg	-.153426
Stddev	.002595
%RSD	1.691584
#1	-.150917
#2	-.153262
#3	-.156100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.934	82745.21	17329.95	2345.146	3753.928
Stddev	6.009	252.13	21.18	9.482	1.142
%RSD	.1728234	.3047036	.1222018	.4043186	.0304223
#1	3476.085	82696.54	17338.27	2345.382	3752.610
#2	3471.395	83018.12	17305.88	2354.508	3754.549
#3	3483.322	82520.96	17345.71	2335.548	3754.625

Sample Name: Q2022-04 Acquired: 5/16/2025 13:52:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4760842	.0305615	.4045655	.0344077	-.009529	130.8671
Stddev	.0034201	.0024438	.0012015	.0059014	.002525	.1655
%RSD	.7183865	7.996159	.2969840	17.15140	26.50009	.1264735

#1	.4763180	.0278557	.4037626	.0282396	-.010012	130.6821
#2	.4725532	.0326079	.4039870	.0400002	-.006797	130.9178
#3	.4793814	.0312210	.4059468	.0349834	-.011777	131.0013

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.392688	.0452068	.0057971	56.86971	.3432637	.3942275
Stddev	.003756	.0001077	.0010231	.04750	.0006885	.0002698
%RSD	.2696986	.2383317	17.64806	.0835241	.2005724	.0684276

#1	1.392236	.0453302	.0056662	56.84436	.3439879	.3939225
#2	1.396649	.0451588	.0068794	56.92451	.3431855	.3944350
#3	1.389177	.0451314	.0048458	56.84027	.3426176	.3943249

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6119097	537.1815	9.314503	50.90151	.4377635	-.038383
Stddev	.0030922	4.5188	.012140	.13356	.0003687	.000980
%RSD	.5053422	.8411978	.1303320	.2623805	.0842220	2.552610

#1	.6139782	538.5514	9.316236	51.04367	.4376364	-.037626
#2	.6133960	532.1363	9.325684	50.77866	.4374751	-.039490
#3	.6083550	540.8568	9.301590	50.88220	.4381789	-.038034

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8094162	.3609113	1.486572	19.45874	F -1.21360	.0033492
Stddev	.0033088	.0024704	.005181	.06467	.00321	.0004406
%RSD	.4087930	.6845000	.3485177	.3323566	.2646670	13.15667

#1	.8113180	.3629282	1.480591	19.40771	-1.21386	.0032443
#2	.8055954	.3581558	1.489434	19.53147	-1.21668	.0038328
#3	.8113350	.3616498	1.489690	19.43705	-1.21027	.0029704

Sample Name: Q2022-04 Acquired: 5/16/2025 13:52:34 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062462	4.029676	1.910119	11.77850	.3865334	.3148875
Stddev	.0013067	.010087	.014634	.02055	.0053983	.0017066
%RSD	20.91930	.2503165	.7661123	.1744743	1.396592	.5419801

#1	.0077529	4.032872	1.893377	11.76630	.3877690	.3140833
#2	.0055628	4.037777	1.916508	11.76697	.3806245	.3137315
#3	.0054230	4.018378	1.920472	11.80223	.3912069	.3168476

Elem	Sr4077
Units	ppm
Avg	-.138773
Stddev	.005020
%RSD	3.617536

#1	-.139946
#2	-.133270
#3	-.143102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.114	80988.14	16090.47	2258.791	3810.832
Stddev	8.739	313.01	56.88	17.919	7.202
%RSD	.2546897	.3864851	.3534794	.7932978	.1889943

#1	3421.083	81271.23	16089.66	2279.064	3802.557
#2	3435.184	81041.20	16147.74	2252.240	3815.686
#3	3437.075	80652.00	16034.00	2245.069	3814.252

Sample Name: Q2024-01 Acquired: 5/16/2025 13:56:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445785	.0043235	.3586997	.0264948	-.002124	128.3819	.9006191
Stddev	.0010796	.0016326	.0009193	.0024552	.003056	.4600	.0041407
%RSD	2.421679	37.76053	.2562868	9.266564	143.9004	.3582953	.4597636

#1	.0451786	.0050468	.3597385	.0291428	.001191	127.9582	.8958713
#2	.0433322	.0024542	.3583692	.0242941	-.002732	128.8712	.9034823
#3	.0452247	.0054694	.3579913	.0260473	-.004830	128.3163	.9025037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115487	-.005905	16.46715	.2865004	.1749844	.6222047	281.1851
Stddev	.0000428	.000324	.06194	.0010751	.0005751	.0009447	.8333
%RSD	.3703880	5.488129	.3761538	.3752683	.3286622	.1518280	.2963495

#1	.0115407	-.005774	16.40258	.2870903	.1747790	.6217423	280.3123
#2	.0115949	-.005667	16.52608	.2871514	.1745402	.6232915	281.2707
#3	.0115105	-.006274	16.47281	.2852594	.1756340	.6215803	281.9722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.760615	44.73416	.5480136	-.015991	4.164363	.4425471	.8962235
Stddev	.015351	.14213	.0006279	.000090	.023598	.0038760	.0020673
%RSD	.1752219	.3177172	.1145772	.5645509	.5666658	.8758480	.2306675

#1	8.742893	44.58941	.5486597	-.016071	4.137263	.4386165	.8967801
#2	8.769749	44.87351	.5474057	-.015893	4.175451	.4426587	.8979555
#3	8.769204	44.73956	.5479755	-.016009	4.180375	.4463662	.8939349

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.09811	-.622243	.0040447	.1010686	4.729525	2.253210	5.161325
Stddev	.03324	.005213	.0003840	.0006791	.011259	.005890	.007468
%RSD	.2995261	.8378056	9.494042	.6719319	.2380484	.2614115	.1446844

#1	11.06580	-.626257	.0044727	.1014218	4.716586	2.249502	5.162300
#2	11.09633	-.624120	.0037303	.1014983	4.737086	2.260002	5.168257
#3	11.13221	-.616351	.0039313	.1002857	4.734903	2.250126	5.153417

Sample Name: Q2024-01 Acquired: 5/16/2025 13:56:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8135923	.3154299	-.152613
Stddev	.0012424	.0022769	.000564
%RSD	.1527038	.7218398	.3694983
#1	.8141817	.3133141	-.152164
#2	.8144304	.3151362	-.152428
#3	.8121650	.3178394	-.153246

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.151	73415.88	14412.02	2042.537	3899.177
Stddev	1.272	129.68	37.31	.345	7.269
%RSD	.0417194	.1766344	.2588869	.0168717	.1864324
#1	3046.841	73523.79	14415.05	2042.248	3891.270
#2	3048.230	73272.02	14373.29	2042.918	3905.569
#3	3049.381	73451.84	14447.72	2042.444	3900.694

Sample Name: PB168022BL Acquired: 5/16/2025 14:00:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006729	.0001462	-.000051	.0016260	-.001146	.0040034	-.001972
Stddev	.0023283	.0016747	.002543	.0025611	.000502	.0070253	.000864
%RSD	346.0303	1145.723	4970.554	157.5069	43.83805	175.4838	43.80278

#1	-.001870	.0017149	.002526	-.001025	-.000859	.0095507	-.001259
#2	.002701	.0003410	-.000121	.001817	-.001726	.0063556	-.001726
#3	.001187	-.001617	-.002558	.004086	-.000853	-.003896	-.002933

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000043	-.000078	.0172409	-.000302	-.000132	.0000520	.0179277
Stddev	.0000375	.000034	.0071696	.000132	.000159	.0004425	.0045642
%RSD	880.2524	43.66009	41.58455	43.81181	120.2793	850.2086	25.45886

#1	.0000295	-.000107	.0180040	-.000357	-.000307	-.000448	.0205553
#2	-.000039	-.000040	.0097204	-.000398	-.000096	.000213	.0205705
#3	.000022	-.000086	.0239984	-.000151	.000005	.000392	.0126575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000409	-.004557	.0000575	-.000435	-.286919	.0010992	.0006496
Stddev	.000202	.005550	.0002797	.000143	.008184	.0011784	.0000995
%RSD	49.38796	121.7855	486.5616	32.87713	2.852301	107.2061	15.31484

#1	-.000618	.000717	-.000265	-.000544	-.291908	-.000251	.0006239
#2	-.000393	-.010347	.000202	-.000273	-.277474	.001629	.0007594
#3	-.000215	-.004041	.000235	-.000490	-.291374	.001920	.0005655

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037972	.0019786	.0001640	.0037848	.0004310	-.001913	.0045234
Stddev	.020046	.0003632	.0002736	.0005424	.0002897	.013215	.0023160
%RSD	52.79297	18.35655	166.7839	14.32963	67.20842	690.9039	51.19979

#1	-.048345	.0020951	.0000707	.0042810	.0002527	.012350	.0071765
#2	-.050706	.0015715	.0004721	.0038677	.0007653	-.004346	.0029058
#3	-.014864	.0022694	-.000051	.0032058	.0002751	-.013741	.0034880

Sample Name: PB168022BL Acquired: 5/16/2025 14:00:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002374	-.001073	-.000021
Stddev	.002522	.000070	.000037
%RSD	106.2180	6.519062	176.8271

#1	-.003184	-.001106	.000006
#2	.000453	-.001121	-.000006
#3	-.004391	-.000993	-.000062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2832.245	66676.30	13759.79	1901.834	4243.252
Stddev	8.746	107.35	29.21	9.080	7.675
%RSD	.3087880	.1609976	.2122685	.4774450	.1808648

#1	2823.042	66735.13	13731.98	1899.640	4235.507
#2	2840.448	66741.38	13790.22	1911.810	4250.854
#3	2833.245	66552.40	13757.15	1894.052	4243.394

Sample Name: PB168022BS Acquired: 5/16/2025 14:16:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7690179	1.984801	.9395539	1.966904	.7901371	1.829454
Stddev	.0053085	.011603	.0031366	.008667	.0044672	.008103
%RSD	.6902947	.5846086	.3338335	.4406276	.5653734	.4429064
#1	.7662492	1.971802	.9367638	1.961708	.7858107	1.837794
#2	.7656661	1.988487	.9389489	1.976909	.7898675	1.828957
#3	.7751383	1.994113	.9429488	1.962096	.7947329	1.821611
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1750227	.1879505	.1927192	.9347399	.3802046	.1870281
Stddev	.0014749	.0009614	.0002709	.0055506	.0008173	.0003930
%RSD	.8426929	.5114943	.1405646	.5938096	.2149681	.2101529
#1	.1758434	.1881648	.1924904	.9394831	.3797596	.1874248
#2	.1759046	.1887865	.1930183	.9361012	.3797064	.1866388
#3	.1733200	.1869000	.1926488	.9286353	.3811479	.1870206
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2937540	2.743630	.1828548	1.795345	.4717364	.0705194
Stddev	.0004853	.003392	.0007099	.015875	.0006840	.0003016
%RSD	.1651957	.1236377	.3882441	.8842036	.1449872	.4276246
#1	.2936940	2.747544	.1835072	1.794561	.4722940	.0708675
#2	.2933016	2.741533	.1829585	1.811596	.4709732	.0703369
#3	.2942665	2.741814	.1820987	1.779876	.4719419	.0703539
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.701062	.2747876	.1943653	8.896107	.2749518	.3975295
Stddev	.022525	.0003856	.0004560	.053974	.0013411	.0007932
%RSD	.8339420	.1403255	.2346125	.6067139	.4877765	.1995262
#1	2.721809	.2750884	.1940206	8.892761	.2734202	.3967075
#2	2.677103	.2749215	.1941930	8.843885	.2759160	.3975907
#3	2.704275	.2743529	.1948824	8.951677	.2755191	.3982903

Sample Name: PB168022BS Acquired: 5/16/2025 14:16:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6774264	.1902926	.7926385	5.747247	F -.006923	.1919444
Stddev	.0002832	.0000933	.0106064	.014243	.002208	.0014399
%RSD	.0418077	.0490532	1.338114	.2478279	31.89683	.7501880
#1	.6771286	.1903924	.8022359	5.744762	-.006889	.1909326
#2	.6774583	.1902780	.7812509	5.734410	-.004732	.1913076
#3	.6776924	.1902075	.7944286	5.762570	-.009148	.1935929

Elem	Sr4077
Units	ppm
Avg	.1828073
Stddev	.0003956
%RSD	.2164210
#1	.1831126
#2	.1829490
#3	.1823603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.034	66885.63	13155.11	1911.415	4137.468
Stddev	8.003	144.16	56.64	11.234	5.100
%RSD	.2863238	.2155358	.4305349	.5877311	.1232566
#1	2802.452	66933.47	13152.67	1907.012	4143.349
#2	2796.097	66999.80	13099.73	1924.184	4134.780
#3	2786.553	66723.64	13212.93	1903.050	4134.275

Sample Name: PB167977BL Acquired: 5/16/2025 14:20:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001332	-.001522	.0006769	.0030222	-.000082	.0020027	-.001256
Stddev	.002083	.000758	.0008597	.0046605	.001507	.0032133	.000301
%RSD	156.3098	49.79500	126.9977	154.2107	1832.525	160.4470	23.96562

#1	.001016	-.002285	.0016589	-.000789	-.000125	.0053052	-.001446
#2	-.002957	-.001512	.0000603	.008218	-.001568	.0018164	-.000909
#3	-.002056	-.000769	.0003116	.001637	.001446	-.001113	-.001413

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000548	.0109265	.0001389	-.000085	.0001241	.0055087
Stddev	.000066	.0000383	.0015057	.0003339	.000139	.0001701	.0038989
%RSD	706.6624	69.91337	13.78039	240.3795	163.0745	137.0461	70.77827

#1	-.000085	.0000562	.0115813	-.000082	.000069	-.000024	.0049667
#2	.000022	.0000925	.0119939	.000523	-.000122	.000087	.0096503
#3	.000034	.0000158	.0092042	-.000024	-.000202	.000310	.0019091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000513	.0036936	.0001724	-.000330	-.336779	-.001006	.0003101
Stddev	.000042	.0093483	.0001024	.000134	.012207	.000912	.0004210
%RSD	8.187208	253.0980	59.39811	40.71857	3.624569	90.71099	135.7601

#1	-.000468	-.003590	.0000553	-.000185	-.342525	-.001709	.0003635
#2	-.000518	.014235	.0002453	-.000354	-.322760	.000025	-.000135
#3	-.000552	.000436	.0002167	-.000451	-.345053	-.001333	.000702

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.071822	.0010393	.0002088	.0015292	.0001890	-.003784	.0046701
Stddev	.006048	.0009568	.0003858	.0010170	.0009674	.005780	.0010712
%RSD	8.420466	92.06277	184.7609	66.50773	511.8983	152.7324	22.93784

#1	-.071745	.0021298	.0006440	.0014802	.0010229	-.008582	.0035637
#2	-.065813	.0003408	-.000091	.0005375	-.000872	.002633	.0047441
#3	-.077908	.0006472	.000073	.0025698	.000416	-.005404	.0057023

Sample Name: PB167977BL Acquired: 5/16/2025 14:20:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005553	-.000232	-.000004
Stddev	.003295	.000522	.000053
%RSD	59.34391	225.1337	1242.783

#1	-.004892	-.000309	.000047
#2	-.009128	.000324	-.000001
#3	-.002638	-.000710	-.000059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2776.805	66114.98	12615.50	1896.251	4118.077
Stddev	1.682	182.08	21.75	14.887	1.627
%RSD	.0605606	.2754038	.1723783	.7850527	.0395129

#1	2776.865	65904.74	12610.95	1882.709	4119.837
#2	2778.456	66217.74	12596.39	1893.851	4117.768
#3	2775.094	66222.45	12639.17	1912.191	4116.627

Sample Name: PB167977BS Acquired: 5/16/2025 14:24:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7706196	1.949687	.9388281	1.967194	.7877857	1.816565
Stddev	.0023952	.011636	.0010578	.001954	.0011412	.006894
%RSD	.3108084	.5967946	.1126704	.0993288	.1448555	.3795035

#1	.7679251	1.939969	.9384933	1.969258	.7865205	1.813040
#2	.7714266	1.946512	.9400128	1.966951	.7880996	1.812146
#3	.7725070	1.962581	.9379783	1.965373	.7887371	1.824508

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1765192	.1858767	.1927390	.9350467	.3822127	.1873572
Stddev	.0007209	.0004265	.0003578	.0094955	.0014899	.0004200
%RSD	.4083742	.2294344	.1856113	1.015505	.3898102	.2241714

#1	.1773193	.1855787	.1928711	.9388302	.3805080	.1870070
#2	.1763179	.1863653	.1923340	.9420671	.3828640	.1872417
#3	.1759204	.1856862	.1930119	.9242427	.3832661	.1878229

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2934918	2.823200	.1830913	1.808434	.4723832	.0706659
Stddev	.0005065	.008998	.0004341	.010308	.0004658	.0006635
%RSD	.1725788	.3187119	.2371148	.5700131	.0986025	.9388824

#1	.2938669	2.832094	.1835910	1.816165	.4722511	.0713577
#2	.2929157	2.823404	.1828756	1.796730	.4719978	.0706050
#3	.2936929	2.814102	.1828073	1.812405	.4729008	.0700349

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.783866	.2766407	.1937963	9.133208	.2702698	.3959559
Stddev	.006074	.0018567	.0017279	.014563	.0007177	.0008544
%RSD	.2181826	.6711787	.8915891	.1594477	.2655453	.2157813

#1	2.777026	.2783118	.1924642	9.141678	.2695444	.3964781
#2	2.788629	.2746419	.1931759	9.116393	.2702856	.3949699
#3	2.785942	.2769684	.1957487	9.141554	.2709795	.3964198

Sample Name: PB167977BS Acquired: 5/16/2025 14:24:48 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6768329	.1895354	.8188347	5.800204	F -.012087	.1917085
Stddev	.0013297	.0005574	.0080648	.030687	.002109	.0006217
%RSD	.1964526	.2940865	.9849075	.5290708	17.44678	.3242908
#1	.6768812	.1901703	.8277074	5.833163	-.010282	.1911712
#2	.6754798	.1893093	.8119495	5.794992	-.014406	.1915648
#3	.6781378	.1891265	.8168472	5.772456	-.011575	.1923894

Elem	Sr4077
Units	ppm
Avg	.1832783
Stddev	.0002915
%RSD	.1590255
#1	.1836128
#2	.1831424
#3	.1830795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2807.972	66369.88	13403.82	1911.285	4159.297
Stddev	7.282	64.42	23.30	3.083	10.132
%RSD	.2593223	.0970664	.1738594	.1612838	.2436059
#1	2811.801	66404.31	13419.64	1909.489	4164.378
#2	2812.540	66295.55	13377.06	1914.845	4165.883
#3	2799.575	66409.76	13414.77	1909.523	4147.629

Sample Name: Q2010-01 Acquired: 5/16/2025 14:28:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1210281	.0235552	.3628491	.0339758	-.011141	110.3989	.4583481
Stddev	.0023291	.0021754	.0036253	.0037216	.003565	.1305	.0028503
%RSD	1.924400	9.235318	.9991162	10.95362	31.99658	.1182111	.6218685

#1	.1235134	.0210517	.3653173	.0333491	-.009611	110.2633	.4559434
#2	.1188955	.0249853	.3645431	.0306073	-.008597	110.4097	.4576044
#3	.1206753	.0246285	.3586869	.0379709	-.015216	110.5236	.4614966

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140951	-.007867	114.8001	.3719385	.0658847	.2608466	409.1877
Stddev	.0001156	.000523	.1957	.0013438	.0005128	.0004794	2.7543
%RSD	.8199243	6.642544	.1704648	.3612893	.7783930	.1837956	.6731224

#1	.0140966	-.007763	114.6483	.3718633	.0653035	.2610533	408.9125
#2	.0139788	-.007404	115.0210	.3706339	.0662734	.2611880	406.5813
#3	.0142099	-.008434	114.7311	.3733183	.0660773	.2602985	412.0693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.316704	29.83782	.1071289	-.024112	2.804434	.4365438	.4824296
Stddev	.005614	.05102	.0003768	.000418	.040840	.0021453	.0010826
%RSD	.4263936	.1709892	.3517483	1.732999	1.456255	.4914228	.2244065

#1	1.310490	29.85681	.1073040	-.024064	2.788883	.4341007	.4811800
#2	1.318211	29.87662	.1066964	-.024552	2.773654	.4374108	.4830265
#3	1.321411	29.78003	.1073862	-.023720	2.850765	.4381198	.4830824

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.028234	-.727026	.0019175	.2935334	2.241160	12.15153	6.488219
Stddev	.080970	.012289	.0009317	.0026092	.006142	.07091	.039645
%RSD	1.152070	1.690314	48.59096	.8888845	.2740627	.5835280	.6110287

#1	7.062019	-.719083	.0018996	.2923620	2.239264	12.15381	6.480113
#2	6.935843	-.741181	.0028580	.2917152	2.236189	12.07951	6.453254
#3	7.086842	-.720815	.0009948	.2965230	2.248026	12.22127	6.531291

Sample Name: Q2010-01 Acquired: 5/16/2025 14:28:55 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.665234	.1928045	.1953804
Stddev	.002463	.0015387	.0009696
%RSD	.0924223	.7980488	.4962677
#1	2.665872	.1930158	.1946692
#2	2.662514	.1911711	.1964849
#3	2.667315	.1942266	.1949872

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2891.378	73980.97	14754.57	2049.346	3652.429
Stddev	10.645	56.54	102.48	1.886	8.699
%RSD	.3681718	.0764252	.6945954	.0920148	.2381713
#1	2885.376	73915.74	14778.89	2048.550	3643.466
#2	2885.088	74015.84	14642.11	2047.989	3652.985
#3	2903.669	74011.34	14842.70	2051.499	3660.837

Sample Name: CCV02 Acquired: 5/16/2025 14:36:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	4.921357	5.067902	4.924716	4.988559	4.977034	9.781902	9.530167
Stddev	.019533	.039626	.015310	.019027	.007786	.008315	.042723
%RSD	.3969014	.7818997	.3108761	.3814041	.1564428	.0850062	.4482880

#1	4.905812	5.030132	4.919212	4.985363	4.968960	9.791495	9.497791
#2	4.914978	5.064420	4.912919	4.971333	4.977644	9.776752	9.514120
#3	4.943283	5.109154	4.942017	5.008981	4.984496	9.777459	9.578590

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500346	2.450607	24.06178	.9960696	2.462502	1.248319	4.788021
Stddev	.0010044	.003158	.04318	.0013280	.003866	.002736	.010755
%RSD	.4017203	.1288494	.1794704	.1333274	.1569830	.2191881	.2246268

#1	.2492324	2.449456	24.11112	.9953190	2.462018	1.246619	4.800363
#2	.2511611	2.448186	24.03089	.9976030	2.458901	1.246863	4.780653
#3	.2497102	2.454179	24.04332	.9952868	2.466587	1.251476	4.783048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.395597	24.27333	2.457937	1.243511	23.64883	2.427503	2.521936
Stddev	.005981	.01963	.005490	.000560	.05597	.006426	.008041
%RSD	.2496468	.0808874	.2233706	.0450043	.2366693	.2647020	.3188591

#1	2.401145	24.25255	2.457635	1.243375	23.71027	2.420120	2.513796
#2	2.389262	24.29156	2.452604	1.244126	23.63549	2.431837	2.529875
#3	2.396384	24.27589	2.463572	1.243032	23.60074	2.430551	2.522137

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.04916	4.967206	5.008533	4.922771	4.844950	4.809553	4.984840
Stddev	.01296	.018636	.016965	.013452	.007948	.012934	.018301
%RSD	.0538877	.3751836	.3387141	.2732572	.1640512	.2689297	.3671397

#1	24.03420	4.946353	4.998136	4.921080	4.854115	4.795587	4.965263
#2	24.05663	4.982234	4.999355	4.910245	4.839962	4.811953	4.987735
#3	24.05665	4.973031	5.028110	4.936988	4.840772	4.821120	5.001521

Sample Name: CCV02 Acquired: 5/16/2025 14:36:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.900204	4.888346	4.811685
Stddev	.017829	.007325	.016004
%RSD	.3638402	.1498429	.3326139
#1	4.887224	4.887203	4.827388
#2	4.892855	4.881660	4.795395
#3	4.920533	4.896175	4.812273

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.212	64119.86	12529.56	1826.297	3933.863
Stddev	5.760	218.52	35.06	3.755	5.677
%RSD	.2109681	.3407978	.2798460	.2055817	.1443159
#1	2732.783	63881.72	12491.52	1823.953	3934.208
#2	2734.238	64166.68	12536.56	1824.310	3939.360
#3	2723.614	64311.16	12560.59	1830.627	3928.022

Sample Name: CCB02 Acquired: 5/16/2025 14:40:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0011135	.0003253	-.000245	.0027387	.0002627	.0095858	-.001527
Stddev	.0031822	.0027336	.001940	.0024956	.0010813	.0041537	.000304
%RSD	285.7905	840.3642	791.3453	91.12229	411.6083	43.33151	19.92634

#1	-.002323	-.002022	.001684	.0033682	-.000928	.0085293	-.001349
#2	.003958	.003326	-.002197	.0048592	.001184	.0060624	-.001353
#3	.001705	-.000328	-.000222	-.000011	.000532	.0141657	-.001878

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000441	.0001956	.0083540	.0000837	-.000071	-.000341	.0116836
Stddev	.0000329	.0000585	.0109265	.0002138	.000137	.000338	.0037999
%RSD	74.63971	29.88866	130.7937	255.3914	191.8197	99.12322	32.52322

#1	.0000075	.0001553	.0121119	-.000012	.000026	-.000099	.0086455
#2	.0000534	.0002626	-.003956	-.000065	-.000228	-.000727	.0104609
#3	.0000713	.0001689	.016906	.000329	-.000012	-.000197	.0159443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002072	-.006216	.0002577	-.000288	-.367041	.0017196	.0053228
Stddev	.0001485	.003652	.0002566	.000253	.017661	.0017338	.0001486
%RSD	71.65675	58.75221	99.56593	87.78130	4.811774	100.8248	2.791928

#1	.0002236	-.002254	-.000008	-.000462	-.348500	-.000279	.0051790
#2	.0000512	-.009447	.000504	.000002	-.368958	.002611	.0053134
#3	.0003469	-.006947	.000277	-.000405	-.383666	.002826	.0054758

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.069606	.0087538	.0012318	.0004089	.0012162	-.001544	.0016802
Stddev	.004058	.0003605	.0005027	.0014096	.0006377	.009618	.0025230
%RSD	5.830416	4.118596	40.81297	344.7722	52.44035	622.9964	150.1653

#1	-.070806	.0088081	.0015074	-.000283	.0007306	-.001745	.0000888
#2	-.065084	.0090841	.0015364	.002031	.0009795	.008173	.0003625
#3	-.072930	.0083692	.0006515	-.000521	.0019384	-.011060	.0045892

Sample Name: CCB02 Acquired: 5/16/2025 14:40:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017318	-.001087	.0003579
Stddev	.0048698	.000843	.0000188
%RSD	281.2062	77.55565	5.245763

#1	-.002510	-.000641	.0003401
#2	.000655	-.000561	.0003562
#3	.007050	-.002060	.0003775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.617	68971.85	14078.91	1926.663	4095.695
Stddev	4.386	211.46	62.21	12.785	3.542
%RSD	.1580644	.3065922	.4418778	.6635870	.0864880

#1	2771.646	68740.03	14061.16	1914.200	4091.619
#2	2772.551	69154.16	14027.49	1939.747	4097.443
#3	2779.654	69021.37	14148.06	1926.041	4098.024

Sample Name: Q2010-02 Acquired: 5/16/2025 14:44:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355208	.0729049	.0652814	.0742846	-.022330	25.05699	1.560421
Stddev	.0062396	.0030994	.0015957	.0055669	.001409	.03589	.004715
%RSD	17.56616	4.251238	2.444271	7.494034	6.310438	.1432159	.3021832

#1	.0385956	.0745042	.0669870	.0720787	-.021957	25.03570	1.561530
#2	.0396263	.0748780	.0638250	.0701586	-.021145	25.03686	1.555250
#3	.0283405	.0693326	.0650324	.0806164	-.023888	25.09842	1.564483

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115847	-.052808	12.98560	.0560692	.2038219	.1549853	918.7707
Stddev	.0001433	.001645	.06643	.0005269	.0004073	.0049283	7.3801
%RSD	1.236845	3.115966	.5115665	.9397163	.1998507	3.179820	.8032584

#1	.0115463	-.052714	12.94979	.0559766	.2036569	.1541187	919.0014
#2	.0114644	-.054499	12.94475	.0566362	.2035230	.1505479	926.0327
#3	.0117432	-.051212	13.06225	.0555947	.2042859	.1602894	911.2779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.10093	.6440416	.0794130	-.044134	3.183118	.0871027	.0993152
Stddev	.10854	.0175145	.0008450	.001116	.019549	.0015856	.0009878
%RSD	.3278930	2.719469	1.064094	2.528467	.6141524	1.820348	.9946664

#1	33.11525	.6252978	.0803805	-.043900	3.179664	.0875216	.0984583
#2	32.98594	.6599908	.0790395	-.043153	3.204164	.0884367	.0990915
#3	33.20159	.6468362	.0788192	-.045348	3.165526	.0853497	.1003957

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532886	^ *****	-.009648	.0130617	.4195983	10.24341	1.432039
Stddev	.026319	-----	.000446	.0022940	.0021616	.04468	.013339
%RSD	1.716930	-----	4.622709	17.56282	.5151645	.4362247	.9314472

#1	1.512819	^ -----	-.010146	.0136171	.4172974	10.24074	1.442927
#2	1.562685	^ -----	-.009513	.0105409	.4199108	10.28937	1.436030
#3	1.523156	^ -----	-.009286	.0150269	.4215866	10.20012	1.417161

Sample Name: Q2010-02 Acquired: 5/16/2025 14:44:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1466645	.3693428	-.777541
Stddev	.0040162	.0028247	.007345
%RSD	2.738376	.7647956	.9446639
#1	.1470241	.3689273	-.777622
#2	.1424806	.3723523	-.784845
#3	.1504889	.3667489	-.770155

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.582	64331.01	13857.27	1812.089	3900.996
Stddev	2.167	210.19	54.05	6.166	2.236
%RSD	.0797552	.3267242	.3900690	.3402531	.0573207
#1	2717.735	64305.98	13893.85	1814.641	3898.726
#2	2719.669	64134.47	13882.77	1805.057	3903.197
#3	2715.342	64552.59	13795.18	1816.569	3901.063

Sample Name: Q2010-03 Acquired: 5/16/2025 14:49:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844555	.0334073	.1822197	.0325261	-.010840	63.11891	.2336167
Stddev	.0038573	.0014285	.0017086	.0061471	.002192	.28662	.0017589
%RSD	4.567221	4.275935	.9376512	18.89912	20.22588	.4540973	.7529065
#1	.0801033	.0319825	.1839233	.0395745	-.013152	63.44978	.2350546
#2	.0858116	.0334002	.1805062	.0282756	-.008791	62.96002	.2341399
#3	.0874516	.0348394	.1822296	.0297282	-.010577	62.94692	.2316555
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109242	-.018896	8.005592	.3340858	.0296615	.3386019	420.6878
Stddev	.0000726	.000532	.027087	.0010620	.0005390	.0006221	3.1183
%RSD	.6644721	2.817259	.3383518	.3178688	1.817241	.1837131	.7412363
#1	.0110080	-.018307	8.031882	.3349877	.0300053	.3392614	417.1222
#2	.0108825	-.019036	8.007121	.3343543	.0290403	.3385189	422.0362
#3	.0108821	-.019344	7.977773	.3329154	.0299388	.3380256	422.9049
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7693672	5.277308	.0373862	-.023382	2.296067	.3880132	.3078223
Stddev	.0006880	.028529	.0001515	.000781	.018888	.0024591	.0010846
%RSD	.0894299	.5406038	.4051965	3.338121	.8226124	.6337546	.3523328
#1	.7687790	5.308743	.0372219	-.023785	2.274491	.3899900	.3085862
#2	.7701238	5.253058	.0374165	-.022482	2.309616	.3887900	.3082999
#3	.7691988	5.270124	.0375203	-.023877	2.304093	.3852595	.3065810
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.591546	-.898336	-.002280	.0111491	.5233104	9.519022	1.823880
Stddev	.058697	.023500	.000098	.0006710	.0030560	.023383	.001341
%RSD	.8904942	2.615989	4.302288	6.018510	.5839783	.2456441	.0735263
#1	6.538333	-.924323	-.002315	.0119197	.5267727	9.507948	1.822575
#2	6.654507	-.892111	-.002169	.0108335	.5221701	9.503233	1.823811
#3	6.581798	-.878576	-.002355	.0106940	.5209886	9.545885	1.825254

Sample Name: Q2010-03 Acquired: 5/16/2025 14:49:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.678511	.2539205	-.312333
Stddev	.011745	.0018093	.003034
%RSD	.3192775	.7125455	.9714360

#1	3.685114	.2518332	-.308863
#2	3.685468	.2550414	-.313649
#3	3.664951	.2548869	-.314487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2943.111	69507.36	14095.86	1989.086	3929.685
Stddev	8.480	126.73	113.26	6.882	4.212
%RSD	.2881157	.1823322	.8035318	.3460033	.1071851

#1	2944.265	69645.89	13968.58	1995.308	3929.669
#2	2950.955	69478.96	14133.47	1990.256	3933.905
#3	2934.114	69397.24	14185.54	1981.694	3925.481

Sample Name: Q2010-04 Acquired: 5/16/2025 14:53:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508763	.0118852	.1342847	.0292279	-.011588	33.70095	1.131912
Stddev	.0020097	.0023659	.0030147	.0030315	.003159	.06225	.000566
%RSD	3.950187	19.90582	2.244998	10.37183	27.26406	.1847148	.0500017
#1	.0519718	.0143636	.1324577	.0273180	-.011678	33.74715	1.131459
#2	.0485568	.0096509	.1326319	.0276425	-.008384	33.63016	1.132546
#3	.0521001	.0116412	.1377643	.0327234	-.014701	33.72553	1.131731
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082708	-.014916	18.14586	.2648202	.0298464	.3418535	385.3647
Stddev	.0001775	.000676	.02985	.0008829	.0002330	.0011451	1.6731
%RSD	2.145616	4.534207	.1644737	.3333873	.7807110	.3349662	.4341605
#1	.0081543	-.014510	18.17075	.2643442	.0300953	.3409872	385.0690
#2	.0084751	-.014540	18.11277	.2642775	.0298102	.3414216	383.8592
#3	.0081832	-.015697	18.15407	.2658389	.0296335	.3431518	387.1660
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.491259	2.592535	.0200781	-.024115	2.239175	2.091790	.0500897
Stddev	.007693	.010884	.0007430	.000877	.018380	.004345	.0005797
%RSD	.3087999	.4198320	3.700652	3.636079	.8208392	.2077163	1.157414
#1	2.499905	2.599419	.0209203	-.023492	2.218060	2.087598	.0494252
#2	2.485171	2.598200	.0197985	-.025117	2.247881	2.091497	.0504923
#3	2.488701	2.579987	.0195154	-.023734	2.251585	2.096273	.0503515
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.767499	-.936391	-.000442	.0137690	.2240488	6.794015	2.209413
Stddev	.083411	.012891	.000658	.0023707	.0121658	.092008	.004630
%RSD	1.232530	1.376704	148.9158	17.21749	5.429966	1.354247	.2095473
#1	6.697504	-.940297	-.000124	.0113271	.2194622	6.743933	2.204350
#2	6.745199	-.946877	-.001199	.0139183	.2378412	6.737913	2.213430
#3	6.859794	-.921998	-.000003	.0160614	.2148431	6.900200	2.210459

Sample Name: Q2010-04 Acquired: 5/16/2025 14:53:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.518754	.2275421	-.179221
Stddev	.009397	.0011057	.001904
%RSD	.2670657	.4859361	1.062607

#1	3.513602	.2266352	-.178310
#2	3.513060	.2272172	-.177943
#3	3.529601	.2287739	-.181410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.646	70106.99	13521.27	1999.683	3955.432
Stddev	5.515	129.36	65.97	1.497	6.590
%RSD	.1877456	.1845149	.4879250	.0748606	.1665940

#1	2932.324	70062.33	13457.65	1998.790	3948.969
#2	2943.336	70252.76	13516.79	1998.848	3962.141
#3	2937.278	70005.88	13589.37	2001.411	3955.186

Sample Name: Q2014-01 Acquired: 5/16/2025 14:57:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1057125	.0145748	.2032305	.0297922	-.008552	95.65779
Stddev	.0045303	.0038107	.0044652	.0053209	.001753	.15206
%RSD	4.285442	26.14552	2.197131	17.86009	20.49320	.1589644
#1	.1093194	.0124595	.1982224	.0346533	-.006899	95.67868
#2	.1071901	.0189739	.2067964	.0306158	-.008368	95.79833
#3	.1006279	.0122911	.2046726	.0241075	-.010389	95.49637
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7529395	.0152566	.0006000	56.89874	.3195896	.1301211
Stddev	.0034901	.0000244	.0003800	.19409	.0010171	.0005293
%RSD	.4635303	.1598178	63.34226	.3411060	.3182440	.4067658
#1	.7494817	.0152780	.0010359	56.78166	.3193243	.1300761
#2	.7564610	.0152618	.0003383	57.12277	.3207131	.1296158
#3	.7528759	.0152301	.0004257	56.79179	.3187315	.1306715
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1372937	244.9761	2.827951	50.26833	.3364971	-.016201
Stddev	.0005639	1.0527	.010336	.16068	.0003046	.000291
%RSD	.4107045	.4296985	.3654940	.3196421	.0905185	1.796929
#1	.1378502	244.1438	2.823164	50.21730	.3368162	-.016426
#2	.1367228	246.1594	2.839813	50.44833	.3362095	-.015872
#3	.1373080	244.6251	2.820877	50.13937	.3364657	-.016304
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886889	.1970906	.9919365	32.44561	-.503898	.0270879
Stddev	.037505	.0012205	.0016298	.14081	.003018	.0001285
%RSD	.7674668	.6192715	.1643012	.4339945	.5988745	.4745277
#1	4.865622	.1964167	.9924694	32.30458	-.506335	.0271212
#2	4.930194	.1984995	.9932332	32.58621	-.500522	.0269460
#3	4.864850	.1963556	.9901070	32.44605	-.504835	.0271965

Sample Name: Q2014-01 Acquired: 5/16/2025 14:57:37 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020065	.7346780	2.011041	9.490331	F 42.67706	.1808445
Stddev	.0019029	.0007186	.009930	.038220	.11310	.0010830
%RSD	94.83809	.0978088	.4937590	.4027221	.2650098	.5988865
#1	.0040842	.7339747	2.002807	9.519338	42.79204	.1796203
#2	.0003483	.7354109	2.022068	9.504632	42.67320	.1812350
#3	.0015870	.7346482	2.008247	9.447023	42.56594	.1816781

Elem	Sr4077
Units	ppm
Avg	1.047464
Stddev	.001688
%RSD	.1611897
#1	1.045810
#2	1.049185
#3	1.047398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3336.513	81562.42	16223.58	2308.626	3727.479
Stddev	7.758	230.36	26.70	7.650	5.546
%RSD	.2325155	.2824311	.1645447	.3313692	.1487869
#1	3331.730	81656.76	16211.84	2305.413	3724.582
#2	3345.464	81299.87	16204.77	2303.107	3733.873
#3	3332.345	81730.63	16254.14	2317.359	3723.981

Sample Name: Q2014-03 Acquired: 5/16/2025 15:01:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.390746	.0138258	.1564689	.0118500	.0167057	94.84026	3.229022
Stddev	.003643	.0004404	.0022903	.0022038	.0016150	.10569	.006685
%RSD	.1523841	3.185151	1.463724	18.59742	9.667259	.1114416	.2070322
#1	2.394208	.0142225	.1591029	.0143948	.0151506	94.71984	3.227429
#2	2.386945	.0139029	.1549477	.0105784	.0183745	94.91766	3.223278
#3	2.391086	.0133520	.1553560	.0105769	.0165920	94.88328	3.236360
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131889	-.000809	64.88909	.0822873	.1708358	.2186986	196.7720
Stddev	.0001515	.000133	.32282	.0006177	.0007232	.0001935	.5460
%RSD	1.148885	16.44976	.4974997	.7507013	.4233175	.0884563	.2774620
#1	.0130282	-.000933	64.55372	.0829816	.1712114	.2189172	196.8175
#2	.0132092	-.000668	64.91583	.0817984	.1712938	.2186290	196.2048
#3	.0133292	-.000824	65.19770	.0820819	.1700021	.2185495	197.2938
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.10737	18.86140	.1650717	-.009830	70.69096	.3767422	.5452101
Stddev	.08327	.12939	.0002383	.000027	.36220	.0022597	.0034021
%RSD	.3603527	.6859888	.1443901	.2786220	.5123695	.5998040	.6240057
#1	23.02086	18.71201	.1652433	-.009853	71.05187	.3751451	.5438153
#2	23.11430	18.93782	.1647996	-.009800	70.32749	.3757538	.5490880
#3	23.18696	18.93436	.1651723	-.009836	70.69351	.3793278	.5427270
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.15251	-.342161	.1885790	.0036978	1.276305	2.541408	12.89366
Stddev	.11765	.008669	.0008355	.0009182	.004015	.017383	.03913
%RSD	.3444768	2.533459	.4430658	24.83122	.3145942	.6840090	.3034754
#1	34.23289	-.332177	.1881133	.0027693	1.273360	2.553729	12.85051
#2	34.01748	-.347771	.1880800	.0046053	1.274677	2.521524	12.92684
#3	34.20717	-.346535	.1895436	.0037187	1.280879	2.548972	12.90363

Sample Name: Q2014-03 Acquired: 5/16/2025 15:01:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.494754	.0999043	2.769728
Stddev	.025543	.0004090	.033137
%RSD	.4648668	.4093777	1.196393

#1	5.484655	.0996444	2.756109
#2	5.523802	.0996927	2.807505
#3	5.475803	.1003757	2.745571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.052	75902.46	14898.93	2155.813	3766.980
Stddev	4.413	312.15	109.59	10.460	2.025
%RSD	.1401435	.4112471	.7355684	.4851876	.0537695

#1	3149.151	75964.40	14987.08	2158.192	3769.201
#2	3153.414	75563.99	14776.23	2144.368	3766.504
#3	3144.590	76179.00	14933.48	2164.878	3765.235

Sample Name: Q2014-05 Acquired: 5/16/2025 15:05:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9427437	.0000632	.0964358	.0098598	.0028755	92.90321
Stddev	.0026491	.0022549	.0010043	.0016943	.0022432	.27416
%RSD	.2809987	3565.369	1.041392	17.18355	78.01282	.2951070

#1	.9450703	.0026336	.0955672	.0104301	.0054117	93.00133
#2	.9398605	-.000862	.0975355	.0079540	.0011518	93.11481
#3	.9433004	-.001582	.0962047	.0111954	.0020628	92.59348

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.884175	.0111530	-.002016	54.69711	.0852574	.0671192
Stddev	.013280	.0001384	.000225	.21911	.0001828	.0005301
%RSD	.7048430	1.240459	11.16617	.4005877	.2143803	.7898349

#1	1.879134	.0112470	-.001756	54.52880	.0854256	.0666675
#2	1.899238	.0112178	-.002136	54.94486	.0852836	.0677028
#3	1.874153	.0109941	-.002155	54.61767	.0850629	.0669872

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621417	126.2584	2.176802	25.06875	.1240365	-.004835
Stddev	.0006806	.3032	.011203	.03863	.0006299	.000151
%RSD	.4197499	.2401309	.5146428	.1540775	.5078640	3.116402

#1	.1628932	126.1095	2.168500	25.02441	.1245319	-.004669
#2	.1615667	126.0584	2.189544	25.09510	.1242501	-.004963
#3	.1619654	126.6072	2.172361	25.08675	.1233275	-.004875

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.65596	.2183679	.3797904	29.13463	-.167646	.0267028
Stddev	.05342	.0015862	.0006352	.08166	.001883	.0004884
%RSD	.1635789	.7263802	.1672624	.2803002	1.123422	1.828992

#1	32.71206	.2175956	.3802764	29.19820	-.167089	.0270693
#2	32.60570	.2201923	.3790716	29.04253	-.169745	.0261483
#3	32.65014	.2173158	.3800233	29.16317	-.166104	.0268908

Sample Name: Q2014-05 Acquired: 5/16/2025 15:05:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142001	1.456704	8.910631	F 23.64441	3.096438	.0702537
Stddev	.0015010	.005884	.046500	.03908	.002324	.0007079
%RSD	10.57012	.4039014	.5218525	.1652799	.0750563	1.007648
#1	.0125016	1.453869	8.950048	23.60565	3.093770	.0710313
#2	.0153479	1.463468	8.859347	23.68380	3.098025	.0700830
#3	.0147509	1.452773	8.922497	23.64378	3.097519	.0696466

Elem	Sr4077
Units	ppm
Avg	3.804657
Stddev	.045542
%RSD	1.197002
#1	3.837190
#2	3.824173
#3	3.752610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3357.333	78204.85	16557.36	2227.254	3877.262
Stddev	28.248	335.87	52.81	15.085	27.365
%RSD	.8413845	.4294733	.3189253	.6772719	.7057890
#1	3329.114	77982.21	16567.64	2222.023	3847.778
#2	3385.610	78591.18	16500.17	2244.258	3901.846
#3	3357.275	78041.15	16604.27	2215.482	3882.163

Sample Name: Q2017-01 Acquired: 5/16/2025 15:10:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231992	.0035929	.0638979	.0091735	-.004830	70.76152	.3829408
Stddev	.0020844	.0012815	.0009714	.0028758	.002756	.16281	.0017637
%RSD	8.984605	35.66727	1.520266	31.34895	57.05943	.2300771	.4605670

#1	.0251148	.0050703	.0639689	.0060375	-.001667	70.89730	.3849479
#2	.0209795	.0029254	.0628929	.0097960	-.006716	70.58103	.3816385
#3	.0235033	.0027829	.0648319	.0116871	-.006108	70.80624	.3822361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061320	-.004276	11.51474	.1100000	.0718663	.1713143	134.0040
Stddev	.0001006	.000084	.01483	.0006999	.0000417	.0003149	.6295
%RSD	1.640740	1.961601	.1288160	.6362976	.0580685	.1838040	.4697515

#1	.0060951	-.004368	11.53048	.1092899	.0718563	.1712801	134.4507
#2	.0060550	-.004256	11.50102	.1106893	.0719121	.1710179	134.2773
#3	.0062458	-.004203	11.51271	.1100210	.0718304	.1716448	133.2840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.570265	27.87719	.1300391	-.008351	2.298672	.1794382	.4439451
Stddev	.010538	.02214	.0002845	.000395	.011198	.0013667	.0027691
%RSD	.2951698	.0794172	.2187598	4.728597	.4871657	.7616701	.6237499

#1	3.581292	27.87837	.1297391	-.008169	2.308555	.1781570	.4468391
#2	3.569208	27.89871	.1300733	-.008804	2.300953	.1808769	.4436755
#3	3.560295	27.85448	.1303050	-.008080	2.286509	.1792808	.4413206

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.316457	-.281568	.0009880	-.001167	2.309952	10.67776	3.003227
Stddev	.044969	.002371	.0000459	.000851	.007372	.04239	.003592
%RSD	.6146342	.8421835	4.649294	72.88708	.3191299	.3969483	.1196154

#1	7.352491	-.278955	.0010036	-.001434	2.316835	10.69273	3.007225
#2	7.330820	-.282165	.0010240	-.000215	2.302173	10.71063	3.002186
#3	7.266061	-.283583	.0009363	-.001852	2.310848	10.62992	3.000270

Sample Name: Q2017-01 Acquired: 5/16/2025 15:10:13 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0734446	.1722379	-.052193
Stddev	.0035544	.0013194	.000383
%RSD	4.839490	.7660178	.7338229

#1	.0702661	.1737248	-.052190
#2	.0727853	.1717819	-.052577
#3	.0772825	.1712071	-.051811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.050	73623.67	14246.82	2041.425	4037.783
Stddev	9.601	347.39	44.73	12.441	11.486
%RSD	.3153007	.4718429	.3139569	.6094339	.2844513

#1	3055.428	73757.21	14291.15	2036.955	4050.635
#2	3036.485	73229.32	14201.70	2031.837	4028.521
#3	3043.236	73884.46	14247.62	2055.484	4034.194

Sample Name: Q2017-05 Acquired: 5/16/2025 15:14:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197833	.0014981	.0734767	.0101805	-.002206	53.62363	.4247873
Stddev	.0006286	.0015886	.0012020	.0046412	.002617	.04083	.0009669
%RSD	3.177580	106.0359	1.635828	45.58861	118.6319	.0761491	.2276240

#1	.0190697	-.000095	.0748116	.0100771	-.002969	53.66939	.4241766
#2	.0202552	.001507	.0724804	.0055919	.000708	53.61057	.4242832
#3	.0200249	.003082	.0731381	.0148725	-.004356	53.59092	.4259021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053398	-.006246	19.11388	.1110951	.0688314	.1876269	141.9069
Stddev	.0000793	.000121	.03655	.0001045	.0004193	.0006165	.5174
%RSD	1.485324	1.940079	.1912298	.0940284	.6091768	.3285831	.3645757

#1	.0054310	-.006240	19.15539	.1110196	.0683665	.1876959	141.7068
#2	.0052870	-.006128	19.09971	.1112143	.0689469	.1882060	141.5196
#3	.0053014	-.006370	19.08653	.1110514	.0691809	.1869788	142.4945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.015238	25.80024	.1219537	-.006340	2.465023	.1721116	.2909171
Stddev	.006524	.08465	.0004155	.000431	.021142	.0007360	.0015587
%RSD	.1624721	.3280837	.3407216	6.792276	.8576959	.4276397	.5357873

#1	4.017149	25.73379	.1215727	-.006496	2.461087	.1722260	.2891585
#2	4.007972	25.89554	.1218915	-.005853	2.446126	.1713251	.2914648
#3	4.020593	25.77138	.1223968	-.006670	2.487857	.1727837	.2921281

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.889698	-.202939	.0011013	.0122513	2.529926	10.93451	6.416234
Stddev	.057946	.001710	.0003402	.0006190	.003446	.03286	.046483
%RSD	.7344515	.8426493	30.88662	5.052498	.1362078	.3005567	.7244583

#1	7.860833	-.204673	.0011069	.0123960	2.526721	10.93477	6.363268
#2	7.851853	-.202890	.0007584	.0115728	2.529488	10.90152	6.435192
#3	7.956407	-.201254	.0014387	.0127851	2.533571	10.96724	6.450242

Sample Name: Q2017-05 Acquired: 5/16/2025 15:14:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0880561	.1667788	-.061556
Stddev	.0067818	.0005045	.000574
%RSD	7.701679	.3024907	.9318847

#1	.0949447	.1664574	-.061066
#2	.0813864	.1665188	-.061416
#3	.0878372	.1673603	-.062187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3048.957	71662.59	15218.77	2025.681	4028.103
Stddev	10.478	65.28	57.20	1.328	7.476
%RSD	.3436604	.0910900	.3758647	.0655677	.1856013

#1	3037.278	71722.37	15192.00	2026.862	4021.510
#2	3052.063	71592.94	15179.86	2024.243	4026.574
#3	3057.531	71672.46	15284.45	2025.938	4036.226

Sample Name: Q2017-05DUP Acquired: 5/16/2025 15:18:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222112	.0029175	.0731377	.0146957	-.004559	55.23119	.4095555
Stddev	.0024768	.0016244	.0006538	.0013440	.001792	.35014	.0018542
%RSD	11.15135	55.67656	.8938678	9.145298	39.31544	.6339529	.4527292

#1	.0193581	.0043087	.0730064	.0148332	-.004133	55.63549	.4115578
#2	.0238100	.0033114	.0738471	.0132883	-.006525	55.03114	.4092107
#3	.0234654	.0011324	.0725595	.0159657	-.003017	55.02694	.4078979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055439	-.004937	23.42302	.1091406	.0690110	.1951989	133.3553
Stddev	.0000733	.000141	.07419	.0003656	.0006829	.0003375	.6813
%RSD	1.322487	2.853143	.3167590	.3349823	.9896064	.1728783	.5108633

#1	.0056224	-.004942	23.50709	.1092498	.0683728	.1948409	133.4440
#2	.0055321	-.004794	23.39525	.1094391	.0689290	.1955112	132.6340
#3	.0054772	-.005075	23.36671	.1087328	.0697312	.1952446	133.9879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.025416	27.27147	.1242488	-.007209	2.506232	.1720538	.2949676
Stddev	.018618	.10512	.0003458	.000253	.023338	.0006090	.0012525
%RSD	.4625138	.3854479	.2782872	3.514551	.9311830	.3539839	.4246129

#1	4.045801	27.35368	.1240726	-.007059	2.508398	.1723619	.2964125
#2	4.021141	27.30769	.1240266	-.007501	2.481887	.1724473	.2941909
#3	4.009308	27.15303	.1246472	-.007067	2.528411	.1713523	.2942994

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.651902	-.208476	.0011524	.0024226	2.456316	10.96816	6.306222
Stddev	.051755	.001425	.0002226	.0006049	.016960	.08399	.013781
%RSD	.6763685	.6836807	19.31397	24.96924	.6904565	.7657339	.2185249

#1	7.685056	-.210040	.0009513	.0028445	2.475604	11.00645	6.294569
#2	7.592265	-.208140	.0011145	.0017296	2.449609	10.87185	6.321433
#3	7.678386	-.207250	.0013916	.0026938	2.443735	11.02617	6.302664

Sample Name: Q2017-05DUP Acquired: 5/16/2025 15:18:32 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1025975	.1670142	-.052297
Stddev	.0024952	.0003187	.000713
%RSD	2.432039	.1908350	1.363908

#1	.1054097	.1671162	-.051791
#2	.1006488	.1666569	-.051987
#3	.1017338	.1672694	-.053113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.126	72995.57	14535.43	2066.042	4012.428
Stddev	10.052	433.49	82.21	17.828	8.907
%RSD	.3302225	.5938581	.5655930	.8628860	.2219862

#1	3038.221	72762.11	14441.52	2052.834	4005.705
#2	3038.423	73495.75	14570.37	2086.320	4009.050
#3	3055.732	72728.84	14594.40	2058.971	4022.530

Sample Name: CCV03 Acquired: 5/16/2025 15:22:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	4.964244	5.087392	4.941516	5.037539	4.984413	9.583891	9.499700
Stddev	.012680	.043012	.014809	.021574	.017579	.057454	.106578
%RSD	.2554256	.8454542	.2996934	.4282648	.3526846	.5994815	1.121908

#1	4.956060	5.040340	4.924963	5.020348	4.975310	9.640422	9.528719
#2	4.957823	5.097147	4.946079	5.030520	4.973252	9.525557	9.381618
#3	4.978850	5.124687	4.953508	5.061748	5.004677	9.585693	9.588763

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2375172	2.465941	23.91534	.9919013	2.471923	1.252493	4.965295
Stddev	.0014696	.006336	.10508	.0036883	.005810	.003832	.035243
%RSD	.6187444	.2569338	.4394035	.3718377	.2350525	.3059187	.7097939

#1	.2386288	2.459865	24.02082	.9953765	2.467063	1.249617	5.004896
#2	.2358509	2.465451	23.81065	.9922957	2.470348	1.251020	4.953617
#3	.2380717	2.472508	23.91455	.9880316	2.478359	1.256843	4.937374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.392007	23.83284	2.469133	1.232719	24.73241	2.413248	2.482929
Stddev	.015823	.07015	.005345	.004157	.23372	.008586	.007909
%RSD	.6614768	.2943578	.2164670	.3372629	.9449956	.3557770	.3185413

#1	2.407770	23.86910	2.465151	1.235009	24.97925	2.422603	2.483786
#2	2.376126	23.75198	2.467039	1.235228	24.70349	2.405727	2.490374
#3	2.392124	23.87745	2.475207	1.227920	24.51450	2.411414	2.474626

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.87803	4.713458	4.989949	4.944895	4.845423	4.968265	5.034519
Stddev	.12755	.025848	.011757	.019453	.025075	.011144	.016749
%RSD	.5127195	.5483948	.2356042	.3934034	.5175033	.2243113	.3326756

#1	24.99918	4.729675	4.980429	4.924673	4.873303	4.965520	5.017666
#2	24.88999	4.683650	4.986327	4.946537	4.824716	4.980526	5.034729
#3	24.74491	4.727051	5.003090	4.963476	4.838249	4.958750	5.051161

Sample Name: CCV03 Acquired: 5/16/2025 15:22:41 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.970203	4.830828	4.844660
Stddev	.022657	.034421	.080542
%RSD	.4558493	.7125312	1.662489

#1	4.944907	4.863681	4.923821
#2	4.977070	4.795028	4.762805
#3	4.988632	4.833777	4.847353

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.728	64604.28	13137.69	1849.243	3866.563
Stddev	2.633	323.37	91.77	5.186	6.240
%RSD	.0976279	.5005436	.6984956	.2804511	.1613847

#1	2699.767	64271.78	13054.37	1845.739	3873.566
#2	2695.254	64623.39	13236.05	1846.790	3861.593
#3	2695.161	64917.68	13122.65	1855.201	3864.530

Sample Name: CCB03 Acquired: 5/16/2025 15:26:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	-.000634	-.000243	-.000090	.0022284	.0019604	.0021275	-.002321
Stddev	.003662	.002819	.002938	.0006166	.0014732	.0053380	.000960
%RSD	577.6750	1158.616	3255.853	27.66927	75.14637	250.9012	41.35401

#1	.000796	-.001057	.003291	.0017100	.0028555	-.003891	-.003092
#2	.002097	-.002566	-.002016	.0029102	.0027656	.006288	-.002625
#3	-.004795	.002893	-.001546	.0020649	.0002601	.003985	-.001246

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0000668	.0168537	-.000159	.0000551	.0005308	.0090119
Stddev	.000021	.0000278	.0035984	.000236	.0002467	.0004631	.0041154
%RSD	84.08959	41.52697	21.35093	148.7784	447.4653	87.23512	45.66624

#1	-.000008	.0000366	.0130217	-.000100	-.000079	.0000349	.0131803
#2	-.000018	.0000729	.0173785	-.000418	.000340	.0006056	.0089038
#3	-.000048	.0000911	.0201610	.000043	-.000095	.0009520	.0049517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002332	.0002708	.0002192	-.000678	-.352232	-.000430	.0034169
Stddev	.0000436	.0055391	.0003000	.000089	.013205	.000166	.0005095
%RSD	18.67639	2045.110	136.8426	13.13052	3.749030	38.71710	14.91103

#1	.0002665	.0063613	.0000728	-.000781	-.337226	-.000404	.0028402
#2	.0001839	-.004466	.0005643	-.000631	-.362079	-.000608	.0036042
#3	.0002492	-.001083	.0000206	-.000622	-.357391	-.000278	.0038061

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066473	.0068877	.0006542	.0000211	.0006699	.0078186	.0014952
Stddev	.019293	.0001907	.0002153	.0008277	.0000857	.0063899	.0033773
%RSD	29.02352	2.768503	32.90817	3927.624	12.79931	81.72715	225.8793

#1	-.085081	.0067883	.0004176	-.000787	.0007680	.0036199	.0011805
#2	-.067776	.0067673	.0008385	-.000016	.0006323	.0151724	.0050189
#3	-.046562	.0071076	.0007065	.000867	.0006093	.0046634	-.001714

Sample Name: CCB03 Acquired: 5/16/2025 15:26:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006012	-.000539	.0001977
Stddev	.0027374	.001060	.0000411
%RSD	455.2961	196.4643	20.79647

#1	.0030065	.000321	.0002415
#2	-.002377	-.001723	.0001918
#3	.001175	-.000216	.0001599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2824.071	67458.20	13963.52	1920.987	4209.918
Stddev	1.957	214.14	32.08	11.820	1.347
%RSD	.0693040	.3174397	.2297455	.6153017	.0319990

#1	2825.931	67411.97	13993.11	1915.127	4211.356
#2	2824.253	67691.67	13968.01	1934.592	4208.685
#3	2822.029	67270.95	13929.42	1913.243	4209.713

Sample Name: Q2017-05LX5 Acquired: 5/16/2025 15:31:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071128	.0010332	.0159544	.0039047	-.000574	11.06924	.0899791
Stddev	.0039746	.0015156	.0014321	.0033596	.001587	.01348	.0007746
%RSD	55.87927	146.6843	8.976373	86.03944	276.3549	.1218134	.8608862

#1	.0026690	.0009271	.0170658	.0074869	-.001495	11.06203	.0891416
#2	.0103280	.0025991	.0164592	.0008241	-.001486	11.06089	.0906699
#3	.0083415	-.000427	.0143383	.0034033	.001258	11.08479	.0901258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011332	-.002119	4.068565	.0228371	.0132426	.0396824	30.49198
Stddev	.0000302	.000094	.009724	.0003234	.0002321	.0006280	.14980
%RSD	2.664959	4.429411	.2389912	1.416064	1.752545	1.582524	.4912679

#1	.0011018	-.002186	4.079599	.0229683	.0130213	.0390497	30.63894
#2	.0011360	-.002159	4.061249	.0224687	.0132222	.0403055	30.49750
#3	.0011620	-.002012	4.064847	.0230742	.0134842	.0396919	30.33950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8717765	5.432891	.0237410	-.001769	.1549359	.0370921	.0605529
Stddev	.0009315	.034256	.0000872	.000312	.0094084	.0006126	.0002797
%RSD	.1068551	.6305241	.3670914	17.62764	6.072424	1.651585	.4619764

#1	.8728520	5.464868	.0237579	-.001971	.1617963	.0364265	.0604856
#2	.8712246	5.437067	.0238186	-.001927	.1442106	.0372174	.0603130
#3	.8712530	5.396739	.0236467	-.001410	.1588007	.0376324	.0608602

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.552188	-.037588	.0000844	.0019797	.5393585	2.235874	1.253668
Stddev	.034758	.001023	.0002690	.0002505	.0002936	.011552	.003813
%RSD	2.239281	2.721855	318.6085	12.65503	.0544369	.5166815	.3041303

#1	1.591780	-.036489	.0003414	.0022619	.5396372	2.245190	1.255525
#2	1.538094	-.037765	-.000195	.0017835	.5393863	2.239485	1.249283
#3	1.526692	-.038512	.000107	.0018936	.5390520	2.222948	1.256197

Sample Name: Q2017-05LX5 Acquired: 5/16/2025 15:31:11 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0145981	.0329890	-.013275
Stddev	.0032073	.0014928	.000152
%RSD	21.97032	4.525111	1.143280

#1	.0179968	.0319022	-.013353
#2	.0141729	.0323737	-.013372
#3	.0116247	.0346911	-.013100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.641	68317.87	14419.78	1966.356	4247.400
Stddev	9.024	245.73	48.31	5.090	11.804
%RSD	.3086718	.3596873	.3350537	.2588338	.2779052

#1	2927.727	68444.36	14475.51	1970.676	4251.405
#2	2929.900	68034.66	14389.70	1960.745	4256.680
#3	2913.296	68474.58	14394.13	1967.648	4234.115

Sample Name: Q2017-05MS Acquired: 5/16/2025 15:35:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7318262	2.016238	1.031709	1.714647	.3674151	56.81036	.5576400
Stddev	.0013882	.012575	.001764	.003711	.0029758	.20145	.0010734
%RSD	.1896948	.6236662	.1709948	.2164448	.8099155	.3545987	.1924861

#1	.7303812	2.011315	1.033548	1.710698	.3651804	57.04160	.5588567
#2	.7319478	2.030530	1.030030	1.718063	.3662719	56.67286	.5572360
#3	.7331497	2.006871	1.031550	1.715181	.3707929	56.71662	.5568271

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1669870	.1909881	18.10725	.4541108	.2550482	.4313668	134.0758
Stddev	.0005183	.0002798	.05245	.0001034	.0004625	.0003503	.2296
%RSD	.3103840	.1464883	.2896814	.0227660	.1813526	.0812002	.1712587

#1	.1672890	.1910872	18.16049	.4540864	.2547800	.4309955	134.0985
#2	.1663886	.1906723	18.10563	.4540218	.2547823	.4314135	134.2932
#3	.1672836	.1912050	18.05562	.4542242	.2555823	.4316914	133.8356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.986398	26.23349	.6017145	.0602364	5.549991	.4164858	.4429182
Stddev	.007683	.12524	.0011061	.0004219	.049718	.0005353	.0020480
%RSD	.1927414	.4774196	.1838220	.7004952	.8958226	.1285210	.4623957

#1	3.994633	26.27461	.6017103	.0602884	5.559908	.4169867	.4406154
#2	3.985138	26.09285	.6006105	.0597909	5.594003	.4165489	.4436036
#3	3.979422	26.33300	.6028226	.0606300	5.496062	.4159218	.4445357

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.32923	.0609199	.3608368	.6893611	2.296736	12.00831	12.67466
Stddev	.06531	.0015102	.0004186	.0003016	.003848	.02705	.01350
%RSD	.3768608	2.479022	.1160147	.0437581	.1675546	.2252475	.1065472

#1	17.32475	.0592338	.3606295	.6893039	2.300685	12.03953	12.67227
#2	17.39666	.0621485	.3605623	.6890921	2.292997	11.99187	12.68920
#3	17.26628	.0613774	.3613187	.6896872	2.296527	11.99354	12.66251

Sample Name: Q2017-05MS Acquired: 5/16/2025 15:35:26 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1317696	.3479844	.1223982
Stddev	.0016752	.0017674	.0008045
%RSD	1.271286	.5079070	.6573168

#1	.1319791	.3496957	.1233187
#2	.1333302	.3480919	.1218294
#3	.1299995	.3461657	.1220465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.052	73233.42	15265.87	2067.501	3971.001
Stddev	10.705	246.23	64.77	7.574	11.318
%RSD	.3529437	.3362243	.4243007	.3663601	.2850099

#1	3043.990	72969.37	15191.21	2072.077	3980.373
#2	3032.570	73274.14	15299.39	2058.758	3974.203
#3	3022.597	73456.75	15307.02	2071.668	3958.428

Sample Name: Q2017-05MSD Acquired: 5/16/2025 15:39:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7207362	1.976534	1.019040	1.688198	.3533433	61.85466	.5807573
Stddev	.0015578	.009856	.004309	.009242	.0023120	.17300	.0016636
%RSD	.2161390	.4986356	.4228710	.5474562	.6543173	.2796809	.2864585

#1	.7194064	1.978615	1.018485	1.698567	.3506990	61.68271	.5788690
#2	.7203522	1.985183	1.015035	1.685198	.3549832	61.85259	.5820074
#3	.7224501	1.965804	1.023600	1.680828	.3543478	62.02869	.5813954

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1769741	.1885043	19.23548	.4645208	.2591343	.4532781	138.5756
Stddev	.0007102	.0006176	.04521	.0018142	.0007687	.0025951	.3812
%RSD	.4013119	.3276468	.2350526	.3905451	.2966468	.5725236	.2751019

#1	.1763453	.1886668	19.18554	.4624852	.2595940	.4515432	138.4937
#2	.1768327	.1878217	19.24725	.4659669	.2582469	.4520297	138.9911
#3	.1777444	.1890245	19.27364	.4651102	.2595621	.4562615	138.2419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.120978	30.44150	.6055301	.0583136	6.395088	.4235559	.4749344
Stddev	.009151	.04242	.0008687	.0005118	.023540	.0028654	.0011418
%RSD	.2220575	.1393657	.1434637	.8776975	.3680958	.6765061	.2404166

#1	4.110415	30.42756	.6058296	.0583327	6.386100	.4203049	.4761440
#2	4.126502	30.40780	.6045513	.0588156	6.421798	.4246493	.4747840
#3	4.126017	30.48914	.6062095	.0577925	6.377367	.4257137	.4738753

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.58383	.0585221	.3561475	.6806910	2.634148	11.73611	12.13730
Stddev	.06158	.0008062	.0008448	.0015446	.005437	.04107	.02359
%RSD	.3501912	1.377511	.2372030	.2269201	.2064211	.3499700	.1943536

#1	17.52103	.0581773	.3567460	.6820622	2.631175	11.69067	12.16238
#2	17.64411	.0594433	.3551811	.6790176	2.640423	11.77059	12.11556
#3	17.58634	.0579457	.3565153	.6809932	2.630845	11.74708	12.13398

Sample Name: Q2017-05MSD Acquired: 5/16/2025 15:39:28 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4174419	.3643018	.1180539
Stddev	.0056282	.0021147	.0003251
%RSD	1.348259	.5804731	.2753643
#1	.4165772	.3631634	.1176864
#2	.4122961	.3667418	.1183038
#3	.4234524	.3630002	.1181715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.358	72055.58	14399.45	2048.775	3993.464
Stddev	3.825	75.79	37.73	3.453	5.845
%RSD	.1259056	.1051870	.2619929	.1685565	.1463686
#1	3038.919	72125.99	14431.47	2045.482	3992.957
#2	3041.872	71975.36	14409.01	2048.475	3999.546
#3	3034.283	72065.38	14357.86	2052.369	3987.889

Sample Name: Q2017-05A Acquired: 5/16/2025 15:43:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7639482	2.024855	1.073064	1.823855	.7686203	54.20412	.6068783
Stddev	.0019373	.058252	.003346	.012551	.0062254	.18164	.0038614
%RSD	.2535883	2.876827	.3117832	.6881623	.8099494	.3350976	.6362692

#1	.7650947	2.087305	1.069708	1.828281	.7714577	54.14253	.6048945
#2	.7617115	1.971991	1.076399	1.809690	.7614816	54.40855	.6113283
#3	.7650385	2.015269	1.073086	1.833593	.7729215	54.06130	.6044120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778116	.1982202	19.85808	.4801675	.2703657	.4598581	143.1610
Stddev	.0013207	.0010588	.11879	.0014448	.0012676	.0013541	.3578
%RSD	.7427675	.5341318	.5981843	.3009018	.4688311	.2944506	.2499057

#1	.1766430	.1984572	19.76523	.4793343	.2713543	.4610056	143.1148
#2	.1792445	.1970631	19.99194	.4818359	.2689367	.4583646	143.5396
#3	.1775474	.1991404	19.81707	.4793324	.2708061	.4602041	142.8285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.203620	27.29164	.6225969	.0643077	5.275258	.4426664	.4677149
Stddev	.024363	.14480	.0019094	.0000611	.024120	.0009320	.0008419
%RSD	.5795628	.5305738	.3066847	.0949509	.4572357	.2105340	.1799989

#1	4.185334	27.19238	.6241134	.0643444	5.267809	.4417716	.4676600
#2	4.231277	27.45780	.6204526	.0643415	5.302224	.4436315	.4685828
#3	4.194249	27.22476	.6232246	.0642372	5.255740	.4425963	.4669018

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.52634	.0576476	.4015436	.7499509	2.724305	11.43423	12.40703
Stddev	.05117	.0022985	.0020361	.0028445	.014786	.04508	.06769
%RSD	.2919869	3.987118	.5070584	.3792914	.5427385	.3942600	.5455955

#1	17.51771	.0575151	.4012362	.7508886	2.711893	11.48301	12.39989
#2	17.58129	.0600094	.3996788	.7467559	2.740664	11.42559	12.34319
#3	17.48004	.0554182	.4037160	.7522081	2.720359	11.39410	12.47801

Sample Name: Q2017-05A Acquired: 5/16/2025 15:43:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0733402	.3593318	.1231890
Stddev	.0050929	.0012060	.0012986
%RSD	6.944198	.3356189	1.054164
#1	.0780411	.3590707	.1224012
#2	.0679298	.3606470	.1246878
#3	.0740497	.3582778	.1224779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.004	71920.82	15109.84	2057.620	4010.913
Stddev	14.160	79.93	78.14	8.775	12.577
%RSD	.4650267	.1111315	.5171577	.4264589	.3135729
#1	3055.415	71895.24	15177.26	2051.869	4018.586
#2	3050.716	71856.81	15024.20	2053.271	4017.755
#3	3028.880	72010.40	15128.06	2067.720	3996.398

Sample Name: Q2019-01 Acquired: 5/16/2025 15:47:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207441	.0034910	.1121774	.0155860	-.002505	57.69120	.4576636
Stddev	.0016793	.0016894	.0018429	.0017145	.003088	.11976	.0023329
%RSD	8.095422	48.39364	1.642873	11.00052	123.2545	.2075817	.5097435

#1	.0222943	.0033527	.1129718	.0136236	-.006041	57.55597	.4556352
#2	.0189601	.0052454	.1134899	.0167936	-.001137	57.73381	.4602129
#3	.0209780	.0018750	.1100705	.0163409	-.000338	57.78383	.4571428

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060744	-.005485	17.28903	.1181254	.0689839	.4364126	151.2834
Stddev	.0000385	.000118	.03268	.0005999	.0004397	.0004586	.7768
%RSD	.6330870	2.156725	.1890109	.5078706	.6373455	.1050789	.5134472

#1	.0061048	-.005613	17.25244	.1177065	.0691439	.4365821	151.7134
#2	.0060312	-.005462	17.31530	.1188127	.0684866	.4358934	151.7500
#3	.0060874	-.005380	17.29937	.1178570	.0693211	.4367623	150.3867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.740126	25.86254	.1492882	-.007100	4.537266	.1799569	1.774709
Stddev	.009779	.05142	.0004698	.000223	.029313	.0002071	.006362
%RSD	.3568659	.1988368	.3147129	3.143281	.6460463	.1150663	.3584649

#1	2.734765	25.84428	.1489579	-.007104	4.526714	.1799291	1.770669
#2	2.751413	25.92060	.1490806	-.007321	4.570394	.1797650	1.771416
#3	2.734201	25.82273	.1498260	-.006874	4.514691	.1801764	1.782042

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.343148	-.248507	.0014858	.0279330	2.333746	4.456414	6.255918
Stddev	.039762	.003580	.0000777	.0017499	.008614	.021803	.032298
%RSD	.4765790	1.440399	5.232133	6.264476	.3691141	.4892551	.5162738

#1	8.321587	-.244517	.0015641	.0296162	2.336948	4.481531	6.292887
#2	8.389033	-.249569	.0014086	.0261233	2.340300	4.445347	6.241691
#3	8.318824	-.251436	.0014847	.0280593	2.323989	4.442363	6.233177

Sample Name: Q2019-01 Acquired: 5/16/2025 15:47:30 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2340708	.1789316	-.061055
Stddev	.0005765	.0007571	.000639
%RSD	.2462832	.4230956	1.046777
#1	.2336441	.1786954	-.061743
#2	.2338417	.1783209	-.060942
#3	.2347266	.1797786	-.060480

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3038.050	72069.71	15022.36	2058.568	3962.666
Stddev	2.647	86.47	57.50	4.876	4.615
%RSD	.0871427	.1199852	.3827950	.2368549	.1164499
#1	3039.855	72091.47	15086.92	2061.762	3963.883
#2	3039.285	71974.43	15003.52	2052.955	3966.549
#3	3035.011	72143.22	14976.64	2060.986	3957.564

Sample Name: Q2020-01 Acquired: 5/16/2025 15:51:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472651	.0126441	.8405429	.0220077	-.003109	142.4972	1.118446
Stddev	.0020535	.0029512	.0018345	.0020834	.001788	.3493	.002359
%RSD	4.344639	23.34009	.2182507	9.466660	57.51376	.2451569	.2108757
#1	.0455534	.0092849	.8424789	.0231195	-.004192	142.2124	1.117174
#2	.0466998	.0138277	.8388304	.0196042	-.004090	142.8870	1.121167
#3	.0495420	.0148198	.8403194	.0232993	-.001045	142.3921	1.116997
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128183	-.005079	117.5193	.2679836	.1323791	.3345179	295.9156
Stddev	.0000755	.000397	.3339	.0008039	.0003867	.0006662	.6405
%RSD	.5886999	7.813116	.2841328	.2999893	.2921479	.1991561	.2164472
#1	.0127338	-.005269	117.1783	.2678067	.1321390	.3344313	296.6475
#2	.0128790	-.004623	117.8456	.2672828	.1328252	.3352232	295.6418
#3	.0128422	-.005346	117.5342	.2688612	.1321730	.3338992	295.4574
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.585470	72.56180	.3011416	-.016241	8.017127	.3404670	.9429634
Stddev	.007302	.30614	.0007177	.000136	.046384	.0008615	.0019136
%RSD	.2036620	.4219025	.2383278	.8349266	.5785635	.2530491	.2029293
#1	3.577170	72.22127	.3007798	-.016088	8.065772	.3402372	.9432711
#2	3.590909	72.64992	.3019681	-.016289	8.012216	.3397438	.9447043
#3	3.588330	72.81422	.3006767	-.016347	7.973394	.3414202	.9409146
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.31910	-.578004	.0042323	.0261533	2.833973	3.955286	5.931115
Stddev	.04392	.004266	.0004323	.0012790	.006908	.005441	.023998
%RSD	.2691247	.7379776	10.21296	4.890255	.2437550	.1375542	.4046089
#1	16.36875	-.575126	.0047265	.0274754	2.827886	3.951381	5.949884
#2	16.28534	-.582905	.0039243	.0249223	2.841481	3.961500	5.939385
#3	16.30320	-.575981	.0040462	.0260622	2.832552	3.952977	5.904076

Sample Name: Q2020-01 Acquired: 5/16/2025 15:51:38 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.253142	.4011364	.1023498
Stddev	.011540	.0024081	.0012106
%RSD	.5121760	.6003291	1.182830

#1	2.262614	.4033654	.1009944
#2	2.256521	.4014617	.1033237
#3	2.240289	.3985822	.1027312

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.750	72503.12	15029.76	2060.640	3750.543
Stddev	1.701	121.53	50.51	6.553	1.413
%RSD	.0556415	.1676210	.3360439	.3180131	.0376675

#1	3058.725	72363.19	15086.66	2054.760	3752.141
#2	3055.785	72582.22	14990.24	2059.454	3749.461
#3	3058.739	72563.95	15012.38	2067.705	3750.026

Sample Name: Q2023-01 Acquired: 5/16/2025 15:55:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527301	-.012970	.0567564	-.001651	.0058131	145.1203
Stddev	.0037114	.002045	.0059389	.002242	.0035126	.3208
%RSD	7.038545	15.76857	10.46383	135.8505	60.42555	.2210665
#1	.0485278	-.015251	.0507504	-.001046	.0019083	145.3057
#2	.0555594	-.012357	.0626258	.000227	.0068156	145.3054
#3	.0541032	-.011301	.0568930	-.004133	.0087156	144.7499
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9706070	.0170308	-.002755	1680.795	.3697746	.0466097
Stddev	.0019460	.0001320	.000565	8.136	.0008618	.0003582
%RSD	.2004941	.7750822	20.49565	.4840311	.2330563	.7686018
#1	.9688992	.0171241	-.002135	1684.887	.3706418	.0461970
#2	.9727256	.0168797	-.002889	1686.072	.3697636	.0468411
#3	.9701961	.0170885	-.003240	1671.426	.3689184	.0467909
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2173555	173.6732	6.375398	146.6898	.2092499	-.009633
Stddev	.0010497	1.1231	.014896	.1174	.0001010	.000349
%RSD	.4829575	.6466826	.2336549	.0800459	.0482507	3.618259
#1	.2171959	172.5600	6.358486	146.5556	.2092731	-.009246
#2	.2184759	173.6536	6.381133	146.7405	.2093372	-.009922
#3	.2163947	174.8060	6.386575	146.7734	.2091393	-.009732
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.623860	.1993842	.7507040	11.08071	-.092947	.0379492
Stddev	.015270	.0021085	.0035105	.05448	.002410	.0003754
%RSD	.2305236	1.057485	.4676245	.4917091	2.593340	.9892885
#1	6.606261	.1969576	.7499532	11.01866	-.094606	.0377115
#2	6.633582	.2007687	.7476297	11.10273	-.094053	.0383820
#3	6.631738	.2004262	.7545291	11.12074	-.090182	.0377542

Sample Name: Q2023-01 Acquired: 5/16/2025 15:55:43 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.007017	6.400786	2.777570	5.668039	F 60.31828	-.031437
Stddev	.001123	.003376	.009901	.028192	.12356	.001352
%RSD	16.01026	.0527499	.3564734	.4973819	.2048427	4.301648
#1	-0.006646	6.398929	2.788566	5.635640	60.18008	-.032698
#2	-.006126	6.398745	2.774782	5.681495	60.41807	-.031604
#3	-.008279	6.404683	2.769360	5.686982	60.35669	-.030009

Elem	Sr4077
Units	ppm
Avg	7.645123
Stddev	.028713
%RSD	.3755767
#1	7.625706
#2	7.678106
#3	7.631558

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.083	61648.02	13719.76	1745.764	3075.728
Stddev	10.275	226.13	25.44	9.795	8.957
%RSD	.4049881	.3668161	.1854146	.5610861	.2912180
#1	2526.134	61734.31	13691.55	1750.849	3065.387
#2	2538.599	61818.30	13740.95	1751.971	3081.060
#3	2546.516	61391.44	13726.77	1734.472	3080.738

Sample Name: Q2038-01 Acquired: 5/16/2025 16:00:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991255	.0215679	.2928583	.0249935	-.007932	183.6572	1.001965
Stddev	.0015820	.0014988	.0036330	.0039413	.001531	.1902	.004733
%RSD	1.595942	6.949076	1.240534	15.76944	19.30395	.1035651	.4723687

#1	.1004539	.0207227	.2964063	.0288135	-.006496	183.4792	1.006663
#2	.0995471	.0206826	.2891459	.0252260	-.009543	183.6348	1.002034
#3	.0973754	.0232984	.2930229	.0209411	-.007758	183.8576	.997198

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182497	-.000887	79.98453	.3087232	.2424120	.7631993	397.3412
Stddev	.0000496	.000220	.05318	.0011294	.0004113	.0023389	1.4960
%RSD	.2717930	24.75436	.0664923	.3658428	.1696810	.3064575	.3765062

#1	.0182491	-.000937	80.01387	.3076403	.2426263	.7614646	398.2638
#2	.0182004	-.001078	79.92314	.3098940	.2426719	.7658593	398.1447
#3	.0182996	-.000647	80.01659	.3086352	.2419378	.7622739	395.6151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67107	96.50180	.5116940	-.024408	2.224585	.3487467	1.221274
Stddev	.01256	.25018	.0012414	.000097	.032134	.0012580	.001215
%RSD	.1176608	.2592498	.2426076	.3961583	1.444512	.3607268	.0994547

#1	10.68553	96.35224	.5129541	-.024333	2.250900	.3488130	1.222675
#2	10.66481	96.36255	.5116559	-.024374	2.234083	.3499703	1.220631
#3	10.66288	96.79063	.5104721	-.024517	2.188772	.3474569	1.220516

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.42735	-.848296	.0040460	.0048725	3.263743	2.239257	8.835214
Stddev	.09739	.000331	.0005433	.0012063	.008086	.018561	.034594
%RSD	.5013231	.0390452	13.42917	24.75623	.2477409	.8289039	.3915518

#1	19.46259	-.847922	.0034301	.0058446	3.269971	2.223763	8.813957
#2	19.50221	-.848553	.0044577	.0052503	3.266653	2.259829	8.816554
#3	19.31724	-.848412	.0042500	.0035226	3.254605	2.234180	8.875132

Sample Name: Q2038-01 Acquired: 5/16/2025 16:00:06 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.029580	.7500167	-.113029
Stddev	.007248	.0025851	.000759
%RSD	.7039945	.3446696	.6714107
#1	1.021525	.7524697	-.112932
#2	1.031640	.7502632	-.113832
#3	1.035576	.7473172	-.112323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.303	76394.20	15375.48	2167.329	3668.931
Stddev	9.633	177.12	49.11	4.117	10.863
%RSD	.3052971	.2318561	.3193960	.1899440	.2960681
#1	3158.760	76524.57	15410.69	2163.448	3663.005
#2	3144.418	76192.54	15396.38	2166.893	3662.319
#3	3162.730	76465.50	15319.38	2171.647	3681.467

Sample Name: Q2039-01 Acquired: 5/16/2025 16:04:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0637110	.0002846	.1867706	.0144172	-.006757	98.02423	.2879889
Stddev	.0024475	.0034177	.0020245	.0057462	.000055	.35113	.0009511
%RSD	3.841500	1200.924	1.083936	39.85647	.8065402	.3582106	.3302645

#1	.0633149	-.002525	.1850646	.0183255	-.006809	97.70471	.2868978
#2	.0663323	.004090	.1862394	.0171064	-.006763	97.96783	.2884258
#3	.0614856	-.000711	.1890077	.0078195	-.006700	98.40015	.2886430

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070316	-.006171	66.89959	.2034049	.0835014	.1910914	156.0876
Stddev	.0000124	.000399	.14145	.0006800	.0001254	.0003463	1.2468
%RSD	.1760324	6.457359	.2114414	.3343140	.1501655	.1812249	.7987696

#1	.0070317	-.006015	66.76399	.2038001	.0834540	.1914719	155.8045
#2	.0070191	-.006624	66.88851	.2037949	.0836435	.1910078	157.4515
#3	.0070438	-.005875	67.04625	.2026197	.0834065	.1907946	155.0066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.137402	52.98360	.1728793	-.008414	1.484520	.2679313	.3600814
Stddev	.006692	.10586	.0004712	.000474	.024335	.0032376	.0008316
%RSD	.3131049	.1997893	.2725888	5.627585	1.639269	1.208380	.2309500

#1	2.129690	52.87132	.1732180	-.008283	1.472041	.2662487	.3594711
#2	2.141677	52.99790	.1730789	-.008939	1.512564	.2716637	.3597446
#3	2.140840	53.08158	.1723411	-.008020	1.468957	.2658814	.3610286

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.83128	-.293327	.0031515	.1755925	2.923651	2.803660	3.964860
Stddev	.17413	.004020	.0002541	.0004288	.008153	.014105	.003608
%RSD	.9765406	1.370322	8.061173	.2442171	.2788575	.5031034	.0909989

#1	17.79042	-.294270	.0033477	.1753951	2.914582	2.816006	3.968988
#2	18.02221	-.288920	.0028645	.1752981	2.925997	2.806688	3.962307
#3	17.68121	-.296791	.0032423	.1760845	2.930373	2.788287	3.963285

Sample Name: Q2039-01 Acquired: 5/16/2025 16:04:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.191551	.2181057	-.030106
Stddev	.010595	.0013933	.001123
%RSD	.8891543	.6388310	3.729550
#1	1.186240	.2188461	-.030399
#2	1.203751	.2189725	-.031053
#3	1.184663	.2164985	-.028866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.239	69452.34	14190.13	1974.218	3855.983
Stddev	4.002	370.44	51.92	14.350	5.851
%RSD	.1398284	.5333676	.3658677	.7268746	.1517358
#1	2860.872	69420.15	14180.50	1969.640	3854.409
#2	2859.099	69099.05	14246.19	1962.716	3851.081
#3	2866.745	69837.82	14143.70	1990.299	3862.460

Sample Name: CCV04 Acquired: 5/16/2025 16:08:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	4.870247	5.075019	4.889361	4.940053	4.923311	9.644860	9.498995
Stddev	.008775	.026421	.009765	.020578	.019962	.012518	.097266
%RSD	.1801716	.5206061	.1997122	.4165463	.4054489	.1297932	1.023957
#1	4.861955	5.046586	4.880473	4.945465	4.931817	9.658986	9.427968
#2	4.869350	5.079660	4.887796	4.917310	4.900505	9.635142	9.609854
#3	4.879436	5.098812	4.899813	4.957383	4.937610	9.640451	9.459163
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2378264	2.434611	23.93598	.9815979	2.444592	1.237934	4.806081
Stddev	.0012134	.006773	.04007	.0011821	.004865	.001106	.036644
%RSD	.5101933	.2781768	.1674236	.1204276	.1990200	.0893696	.7624459
#1	.2365109	2.428907	23.96257	.9805468	2.440681	1.238389	4.848289
#2	.2389018	2.432829	23.95548	.9828776	2.443055	1.236673	4.782399
#3	.2380664	2.442096	23.88989	.9813694	2.450040	1.238741	4.787556
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380545	23.97613	2.438759	1.211806	23.81872	2.413547	2.444268
Stddev	.005893	.05747	.004813	.001191	.20395	.003434	.008515
%RSD	.2475427	.2397134	.1973462	.0982620	.8562699	.1422941	.3483695
#1	2.383569	23.93080	2.434040	1.213146	24.05388	2.416420	2.453959
#2	2.384311	24.04078	2.438577	1.211400	23.71208	2.414477	2.440858
#3	2.373754	23.95682	2.443661	1.210871	23.69020	2.409743	2.437986
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.98735	4.734207	4.969586	4.892190	4.836454	4.830268	4.996784
Stddev	.17646	.014583	.009179	.020291	.006723	.008451	.021266
%RSD	.7356515	.3080250	.1846946	.4147588	.1390005	.1749658	.4255959
#1	24.18356	4.723174	4.964396	4.871758	4.842596	4.839268	4.973418
#2	23.84164	4.750739	4.964178	4.892476	4.837494	4.829035	5.001923
#3	23.93687	4.728708	4.980184	4.912337	4.829271	4.822501	5.015009

Sample Name: CCV04 Acquired: 5/16/2025 16:08:21 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.853022	4.810020	4.852601
Stddev	.024711	.013712	.034375
%RSD	.5091824	.2850661	.7083813

#1	4.825310	4.825744	4.813320
#2	4.860992	4.803761	4.877177
#3	4.872765	4.800554	4.867306

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2742.676	66148.59	13072.02	1860.052	3949.239
Stddev	3.072	112.65	56.65	3.557	1.954
%RSD	.1119984	.1702954	.4333997	.1912335	.0494683

#1	2739.130	66041.25	13117.62	1856.328	3948.924
#2	2744.520	66138.63	13008.60	1863.415	3947.463
#3	2744.377	66265.88	13089.86	1860.414	3951.331

Sample Name: CCB04 Acquired: 5/16/2025 16:12:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0015202	-.000349	.0002138	.0016859	.0023431	.0090547	-.001368
Stddev	.0010449	.002281	.0004934	.0040400	.0017863	.0037677	.000445
%RSD	68.73295	653.3218	230.7607	239.6378	76.23673	41.61072	32.54817

#1	.0026281	-.002748	.0007241	-.002872	.0006264	.0103894	-.000928
#2	.0005525	-.000091	.0001780	.004825	.0041916	.0119734	-.001358
#3	.0013800	.001791	-.000261	.003105	.0022113	.0048013	-.001819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0001545	.0207852	.0001255	-.000058	.0001297	.0169313
Stddev	.000027	.0000714	.0146566	.0002477	.000137	.0004135	.0028113
%RSD	2188.754	46.23742	70.51439	197.4544	237.9642	318.7242	16.60412

#1	.000030	.0000822	.0355286	-.000157	-.000119	-.000346	.0156426
#2	-.000016	.0002250	.0206100	.000228	.000099	.000398	.0201559
#3	-.000018	.0001563	.0062170	.000306	-.000153	.000338	.0149954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004626	.0012236	.0003322	-.000299	-.420040	-.000528	.0120880
Stddev	.0001433	.0120970	.0002739	.000188	.004315	.001178	.0001507
%RSD	30.98620	988.6580	82.45226	62.69803	1.027399	222.8910	1.246470

#1	.0006190	.0036984	.0000910	-.000084	-.424767	-.001609	.0120729
#2	.0004314	.0118918	.0002757	-.000385	-.419044	-.000703	.0122457
#3	.0003374	-.011919	.0006300	-.000428	-.416310	.000727	.0119455

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074828	.0068740	.0010743	.0001372	.0015956	.0065720	-.001230
Stddev	.015426	.0002036	.0001104	.0008098	.0000456	.0069913	.002873
%RSD	20.61510	2.961917	10.28017	590.1931	2.856554	106.3793	233.4781

#1	-.085514	.0070293	.0011719	.0010717	.0016383	.0014417	.000419
#2	-.057143	.0069493	.0010967	-.000358	.0015476	.0037393	.000437
#3	-.081825	.0066435	.0009544	-.000302	.0016007	.0145351	-.004548

Sample Name: CCB04 Acquired: 5/16/2025 16:12:33 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028417	-.000838	.0003574
Stddev	.0037615	.000347	.0000218
%RSD	132.3697	41.41583	6.114942
#1	.0064239	-.000442	.0003515
#2	.0031778	-.000982	.0003391
#3	-.001077	-.001090	.0003816

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.999	69597.74	13394.49	1950.126	4259.925
Stddev	6.913	139.30	53.50	1.882	8.647
%RSD	.2426362	.2001441	.3994341	.0965061	.2029732
#1	2856.272	69487.01	13391.70	1948.150	4265.757
#2	2848.209	69552.07	13449.33	1950.329	4264.027
#3	2842.515	69754.14	13342.43	1951.898	4249.991

Sample Name: Q2043-01 Acquired: 5/16/2025 16:16:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910917	.0039713	7.592258	.0201568	-.003526	142.6997
Stddev	.0015414	.0038359	.008564	.0037400	.001865	.1928
%RSD	1.692121	96.58945	.1128049	18.55471	52.88523	.1350948
#1	.0912291	.0051715	7.595740	.0239308	-.005666	142.8530
#2	.0894862	.0070636	7.598533	.0164516	-.002663	142.4833
#3	.0925598	-.000321	7.582501	.0200880	-.002249	142.7627
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.130134	.0198594	.0026604	55.09028	.4277031	.1561054
Stddev	.005809	.0002015	.0001505	.14444	.0018664	.0005322
%RSD	.5140197	1.014499	5.656837	.2621819	.4363841	.3409419
#1	1.135104	.0197329	.0028100	55.15473	.4255486	.1562543
#2	1.123748	.0197536	.0026622	54.92484	.4288293	.1565472
#3	1.131550	.0200918	.0025090	55.19128	.4287313	.1555145
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5243711	226.2837	2.810829	67.41616	.3330221	-.010487
Stddev	.0003614	.3223	.014992	.08815	.0003396	.000476
%RSD	.0689223	.1424378	.5333642	.1307509	.1019792	4.534394
#1	.5247053	226.6135	2.825106	67.37205	.3331130	-.010120
#2	.5239876	226.2681	2.795212	67.35877	.3326463	-.010317
#3	.5244204	225.9694	2.812167	67.51765	.3333070	-.011024
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.209419	.4373297	1.505758	31.60244	-.387004	.0102486
Stddev	.019345	.0034981	.004202	.06444	.004124	.0003090
%RSD	.4595623	.7998829	.2790410	.2038994	1.065628	3.014833
#1	4.227655	.4389429	1.500935	31.62053	-.383816	.0106004
#2	4.211473	.4333160	1.507712	31.65590	-.385533	.0100211
#3	4.189130	.4397301	1.508627	31.53089	-.391661	.0101244

Sample Name: Q2043-01 Acquired: 5/16/2025 16:16:52 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659554	1.990408	2.875610	15.79520	F 25.55223	.2612067
Stddev	.0014056	.007156	.017480	.02414	.04191	.0012928
%RSD	2.131197	.3595262	.6078582	.1528520	.1640285	.4949263
#1	.0675013	1.994359	2.868650	15.80114	25.59609	.2625021
#2	.0656107	1.982148	2.895497	15.76864	25.54802	.2599166
#3	.0647541	1.994719	2.862682	15.81581	25.51258	.2612014

Elem	Sr4077
Units	ppm
Avg	.7307954
Stddev	.0044813
%RSD	.6132091
#1	.7348917
#2	.7260091
#3	.7314854

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3245.737	78459.33	16234.19	2237.502	3734.903
Stddev	15.125	208.11	31.00	10.441	12.943
%RSD	.4659887	.2652511	.1909527	.4666430	.3465348
#1	3228.312	78595.16	16210.51	2241.153	3719.986
#2	3253.437	78219.74	16269.28	2225.725	3741.570
#3	3255.462	78563.10	16222.78	2245.627	3743.153

Sample Name: Q2043-03 Acquired: 5/16/2025 16:20:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983464	-.014487	F 257.0332	.0022629	1.847035	100.9414
Stddev	.0009613	.001409	.1546	.0059181	.002516	.0631
%RSD	.9774817	9.727782	.0601311	261.5303	.1362296	.0625328

#1	.0989312	-.015753	256.9103	-.003316	1.847066	100.8762
#2	.0972369	-.014738	257.2067	.001635	1.844504	101.0023
#3	.0988711	-.012969	256.9825	.008470	1.849536	100.9456

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6986354	.0358591	.0164794	77.30275	.4045559	.2851286
Stddev	.0016124	.0003685	.0001744	.21265	.0013128	.0010079
%RSD	.2307879	1.027573	1.058090	.2750878	.3244965	.3534923

#1	.6967817	.0354459	.0163808	77.37305	.4030501	.2846558
#2	.6994116	.0359775	.0163767	77.47135	.4051580	.2844440
#3	.6997129	.0361538	.0166808	77.06385	.4054596	.2862860

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.53119	115.9529	2.349406	106.8124	.3422005	.0198211
Stddev	.03737	.9277	.001289	.4078	.0001825	.0004238
%RSD	.0597620	.8000458	.0548761	.3817657	.0533371	2.138171

#1	62.48808	117.0062	2.350628	106.9704	.3422863	.0202686
#2	62.55103	115.5948	2.349531	107.1176	.3423244	.0197689
#3	62.55445	115.2576	2.348058	106.3493	.3419909	.0194258

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.822110	.3728889	3.054469	16.06351	-.212661	.0035886
Stddev	.043009	.0017590	.005248	.07532	.003906	.0002402
%RSD	.8919137	.4717162	.1718081	.4688627	1.836770	6.692252

#1	4.871637	.3711238	3.052336	16.15047	-.208220	.0034323
#2	4.794172	.3746417	3.050624	16.01862	-.214201	.0038651
#3	4.800521	.3729012	3.060447	16.02146	-.215563	.0034684

Sample Name: Q2043-03 Acquired: 5/16/2025 16:20:56 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.10302	.4545145	1.633136	F 43.07299	4.147520	.0958077
Stddev	.09998	.0016296	.016032	.15806	.023353	.0006826
%RSD	.1426137	.3585387	.9816515	.3669573	.5630540	.7125001
#1	70.13688	.4545082	1.651522	43.13046	4.149785	.0959551
#2	70.18167	.4528880	1.622073	43.19428	4.169658	.0950634
#3	69.99051	.4561473	1.625814	42.89424	4.123117	.0964045

Elem	Sr4077
Units	ppm
Avg	.2308313
Stddev	.0010188
%RSD	.4413568
#1	.2296735
#2	.2312299
#3	.2315906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4104.058	99379.97	20611.87	2826.193	3649.009
Stddev	11.404	787.08	61.66	33.453	11.157
%RSD	.2778686	.7919919	.2991404	1.183673	.3057630
#1	4091.757	98546.32	20606.79	2790.080	3636.651
#2	4106.138	99483.31	20552.91	2832.375	3652.036
#3	4114.278	100110.3	20675.91	2856.124	3658.341

Sample Name: Q2047-01 Acquired: 5/16/2025 16:24:58 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594204	-.003263	.2445562	.0298801	-.009824	123.9593	.7559434
Stddev	.0029410	.001270	.0041315	.0009456	.000552	.2462	.0024766
%RSD	4.949431	38.91301	1.689378	3.164633	5.618787	.1986312	.3276169

#1	.0595919	-.002426	.2466767	.0308530	-.010146	123.7031	.7541655
#2	.0563974	-.002640	.2471969	.0298227	-.009186	124.1942	.7587722
#3	.0622718	-.004725	.2397951	.0289644	-.010139	123.9807	.7548926

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126430	-.000629	76.94205	.2827419	.2215285	.5309558	331.2208
Stddev	.0001284	.000149	.09522	.0007107	.0001215	.0016284	.7801
%RSD	1.015499	23.68861	.1237553	.2513545	.0548462	.3066895	.2355232

#1	.0125066	-.000545	76.83233	.2835510	.2214539	.5293393	331.5445
#2	.0127615	-.000801	76.99071	.2824560	.2216687	.5309322	330.3310
#3	.0126608	-.000541	77.00310	.2822186	.2214629	.5325958	331.7869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.758465	63.19556	.2687387	-.019226	10.33830	.6142477	.6565707
Stddev	.027303	.15352	.0003132	.000308	.01409	.0003995	.0022501
%RSD	.3117353	.2429230	.1165272	1.601689	.1363278	.0650346	.3427088

#1	8.736579	63.02690	.2690127	-.019401	10.35191	.6137885	.6575671
#2	8.789061	63.23265	.2683973	-.018871	10.33921	.6145150	.6539944
#3	8.749756	63.32713	.2688060	-.019408	10.32377	.6144395	.6581506

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.12220	-.138716	.0082010	.0059285	6.764883	2.790705	7.389539
Stddev	.03818	.003755	.0003537	.0021167	.008967	.015852	.027938
%RSD	.3432525	2.707005	4.313243	35.70390	.1325543	.5680443	.3780716

#1	11.16041	-.136792	.0082835	.0050338	6.757213	2.808003	7.414532
#2	11.08406	-.143044	.0085062	.0044061	6.774742	2.787239	7.394707
#3	11.12213	-.136314	.0078133	.0083457	6.762695	2.776871	7.359378

Sample Name: Q2047-01 Acquired: 5/16/2025 16:24:58 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.504161	.2692688	-.115321
Stddev	.006948	.0004353	.001158
%RSD	.1982793	.1616545	1.004323
#1	3.511993	.2687755	-.115864
#2	3.498739	.2695987	-.113991
#3	3.501751	.2694323	-.116107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.566	78041.71	15808.71	2235.878	3616.107
Stddev	9.238	252.14	47.05	10.122	5.430
%RSD	.2866730	.3230843	.2976005	.4527029	.1501618
#1	3232.330	78030.97	15863.00	2232.653	3620.990
#2	3221.408	78299.05	15779.79	2247.219	3617.073
#3	3213.962	77795.11	15783.35	2227.761	3610.259

Sample Name: Q2047-01DUP Acquired: 5/16/2025 16:29:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531241	-.003283	.2147704	.0264936	-.010208	111.6288	.7475446
Stddev	.0031261	.003405	.0009424	.0035027	.000644	.1745	.0024438
%RSD	5.884461	103.7219	.4388183	13.22103	6.305437	.1563049	.3269094

#1	.0496053	-.002074	.2139972	.0273117	-.010539	111.8247	.7491655
#2	.0555807	-.007127	.2158202	.0226542	-.009467	111.5717	.7487345
#3	.0541862	-.000647	.2144938	.0295149	-.010620	111.4901	.7447337

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107296	-.006471	65.44519	.2657833	.1958774	.5004700	328.1560
Stddev	.0001565	.000240	.11205	.0011377	.0002441	.0011310	.8952
%RSD	1.458405	3.716187	.1712054	.4280593	.1246397	.2259886	.2728062

#1	.0108835	-.006241	65.57188	.2651612	.1961591	.5016718	327.1550
#2	.0107346	-.006721	65.40457	.2670965	.1957287	.4994265	328.8800
#3	.0105706	-.006452	65.35912	.2650924	.1957443	.5003115	328.4328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.149514	50.42901	.2403796	-.013810	10.83251	.6189158	.6550377
Stddev	.015314	.04464	.0003706	.000611	.03650	.0018874	.0020859
%RSD	.2490294	.0885270	.1541601	4.423086	.3369350	.3049506	.3184435

#1	6.163732	50.47677	.2404339	-.014370	10.80672	.6199619	.6545346
#2	6.151509	50.42192	.2399848	-.013159	10.87427	.6200485	.6532493
#3	6.133299	50.38833	.2407200	-.013900	10.81653	.6167370	.6573291

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.85265	-.102925	.0049252	.0046837	7.097878	2.845486	6.609487
Stddev	.05911	.002806	.0001822	.0011498	.020539	.006200	.009314
%RSD	.5446784	2.726137	3.698439	24.54848	.2893634	.2178979	.1409243

#1	10.78487	-.104692	.0049654	.0048976	7.118689	2.840424	6.614488
#2	10.89355	-.099690	.0050840	.0057115	7.097320	2.852401	6.598740
#3	10.87951	-.104394	.0047263	.0034420	7.077623	2.843631	6.615232

Sample Name: Q2047-01DUP Acquired: 5/16/2025 16:29:03 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.293780	.2557311	-.119863
Stddev	.016874	.0012173	.001405
%RSD	.7356607	.4760021	1.171809

#1	2.313044	.2565787	-.118324
#2	2.281616	.2562783	-.120188
#3	2.286680	.2543362	-.121076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.410	78720.33	17006.49	2247.986	3733.858
Stddev	8.038	80.09	57.73	1.556	6.449
%RSD	.2485254	.1017446	.3394370	.0692349	.1727212

#1	3225.899	78762.83	16942.77	2248.637	3726.471
#2	3235.457	78627.95	17021.39	2249.111	3738.368
#3	3241.873	78770.22	17055.30	2246.209	3736.735

Sample Name: Q2047-01LX5 Acquired: 5/16/2025 16:33:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136445	.0007252	.0466449	.0057659	-.002457	28.77370	.1824920
Stddev	.0043374	.0013984	.0033840	.0020945	.002850	.01901	.0013847
%RSD	31.78880	192.8446	7.254755	36.32587	115.9648	.0660805	.7587809

#1	.0176766	-.000006	.0502007	.0081071	-.000308	28.79281	.1808932
#2	.0090555	.002338	.0434639	.0051209	-.001374	28.77351	.1833083
#3	.0142014	-.000156	.0462703	.0040698	-.005690	28.75478	.1832745

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029707	-.005023	18.77271	.0682708	.0428331	.1258418	84.83640
Stddev	.0000211	.000102	.03392	.0003548	.0002370	.0005875	.30427
%RSD	.7101725	2.038002	.1806995	.5196440	.5533159	.4668752	.3586558

#1	.0029551	-.004943	18.74813	.0680675	.0429642	.1263321	84.60756
#2	.0029947	-.004987	18.81142	.0680645	.0429756	.1251906	85.18170
#3	.0029623	-.005138	18.75859	.0686805	.0425595	.1260027	84.71994

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.133984	14.96775	.0531571	-.004024	2.116377	.1495526	.1573598
Stddev	.005032	.05467	.0003781	.000340	.016532	.0011301	.0008360
%RSD	.2357926	.3652529	.7112484	8.451951	.7811522	.7556236	.5312432

#1	2.131067	15.01141	.0527220	-.004152	2.117412	.1508572	.1564934
#2	2.139794	14.90644	.0534055	-.003638	2.132368	.1489231	.1581616
#3	2.131091	14.98542	.0533439	-.004280	2.099352	.1488775	.1574244

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.557406	-.014701	.0019445	-.001278	1.658599	.7204946	1.395108
Stddev	.029625	.001736	.0001634	.000374	.001782	.0038102	.004498
%RSD	1.158403	11.80883	8.403593	29.26436	.1074554	.5288285	.3224030

#1	2.527482	-.016199	.0021324	-.001180	1.656680	.7160985	1.395862
#2	2.586723	-.012799	.0018354	-.000964	1.660202	.7228461	1.399180
#3	2.558014	-.015106	.0018658	-.001692	1.658916	.7225391	1.390280

Sample Name: Q2047-01LX5 Acquired: 5/16/2025 16:33:08 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6375243	.0629085	-.032040
Stddev	.0048128	.0002139	.000066
%RSD	.7549139	.3400009	.2055008

#1	.6329537	.0627980	-.032027
#2	.6425473	.0631551	-.032111
#3	.6370719	.0627726	-.031982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.115	69111.05	14554.61	2003.188	4117.764
Stddev	10.194	260.34	36.44	14.735	8.325
%RSD	.3435806	.3767022	.2503955	.7355760	.2021674

#1	2955.459	69374.93	14596.54	2019.691	4111.395
#2	2971.515	68854.39	14530.57	1991.350	4114.713
#3	2974.370	69103.82	14536.72	1998.524	4127.184

Sample Name: Q2047-01MS Acquired: 5/16/2025 16:37:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6768480	1.911875	1.160953	1.527727	.2703157	134.6305	.9495220
Stddev	.0058329	.023076	.002846	.004756	.0016345	.1354	.0064542
%RSD	.8617758	1.206987	.2451208	.3113053	.6046572	.1005528	.6797354

#1	.6835295	1.885264	1.158379	1.532417	.2710185	134.7436	.9567671
#2	.6742430	1.926354	1.164009	1.527856	.2684473	134.4805	.9474121
#3	.6727715	1.924008	1.160471	1.522908	.2714812	134.6674	.9443867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1568776	.1881628	80.98935	.6071438	.4018336	.6939334	345.9099
Stddev	.0004974	.0006494	.18387	.0011930	.0004998	.0008290	2.9754
%RSD	.3170294	.3451013	.2270345	.1964974	.1243745	.1194644	.8601542

#1	.1565507	.1874137	81.19472	.6084674	.4012831	.6937890	348.9175
#2	.1566321	.1885106	80.84001	.6061513	.4022589	.6948251	345.8443
#3	.1574499	.1885642	80.93332	.6068127	.4019587	.6931861	342.9678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.590004	58.73647	.7470341	.0458384	14.07505	.8547783	.8923614
Stddev	.031033	.06715	.0007683	.0003388	.19436	.0010927	.0019607
%RSD	.4709081	.1143288	.1028504	.7392128	1.380862	.1278347	.2197154

#1	6.625837	58.73991	.7478187	.0460394	14.26743	.8560164	.8905814
#2	6.571908	58.66766	.7470005	.0460285	14.07896	.8539487	.8944629
#3	6.572267	58.80183	.7462831	.0454471	13.87877	.8543697	.8920397

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.63405	-.098363	.3226768	.6624196	7.227273	3.558532	12.74447
Stddev	.19078	.006153	.0005168	.0022969	.024785	.014352	.04212
%RSD	.8818678	6.254956	.1601548	.3467417	.3429356	.4033172	.3305182

#1	21.84293	-.094951	.3221851	.6598693	7.255089	3.574420	12.69628
#2	21.59020	-.094673	.3226298	.6630643	7.219197	3.554669	12.77431
#3	21.46900	-.105466	.3232155	.6643253	7.207534	3.546506	12.76280

Sample Name: Q2047-01MS Acquired: 5/16/2025 16:37:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.830599	.4626594	.2740940
Stddev	.027850	.0026368	.0012686
%RSD	.9839066	.5699294	.4628400

#1	2.798443	.4653353	.2753873
#2	2.846261	.4625793	.2728516
#3	2.847092	.4600635	.2740430

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.837	77439.96	16647.37	2198.735	3732.951
Stddev	9.016	375.14	37.77	8.943	7.863
%RSD	.2769135	.4844282	.2269118	.4067175	.2106267

#1	3245.681	77038.68	16634.04	2195.417	3723.949
#2	3258.932	77499.33	16690.00	2191.925	3738.474
#3	3262.898	77781.88	16618.07	2208.862	3736.430

Sample Name: Q2047-01MSD Acquired: 5/16/2025 16:41:22 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6727484	1.905308	1.206670	1.499238	.2640677	132.9768	.9651228
Stddev	.0016865	.015214	.007459	.005994	.0034188	.2128	.0013670
%RSD	.2506842	.7985158	.6181356	.3997991	1.294652	.1600647	.1416406

#1	.6724282	1.912819	1.206025	1.505587	.2624175	133.1627	.9640438
#2	.6712450	1.887799	1.214430	1.493678	.2617870	133.0230	.9666601
#3	.6745721	1.915307	1.199554	1.498450	.2679985	132.7446	.9646645

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1577521	.1905838	56.77641	.6007082	.3970688	.6615025	337.5814
Stddev	.0002986	.0006860	.06468	.0016487	.0005399	.0025076	.8163
%RSD	.1892653	.3599565	.1139165	.2744585	.1359649	.3790697	.2417994

#1	.1574086	.1909217	56.77644	.5988051	.3966280	.6643778	336.8927
#2	.1578985	.1910352	56.84107	.6017030	.3976710	.6603603	338.4830
#3	.1579492	.1897943	56.71171	.6016165	.3969076	.6597694	337.3683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.724590	51.40879	.7324181	.0448123	12.76647	.8244052	.8517572
Stddev	.012254	.09354	.0011912	.0000407	.04368	.0026628	.0020181
%RSD	.1822224	.1819459	.1626341	.0908994	.3421660	.3229903	.2369388

#1	6.719962	51.42249	.7334435	.0448241	12.72826	.8272921	.8505184
#2	6.738484	51.49473	.7326991	.0448459	12.75707	.8238778	.8506672
#3	6.715325	51.30917	.7311115	.0447670	12.81409	.8220456	.8540859

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.45051	-.171927	.3138477	.6656147	6.935463	4.594235	12.97110
Stddev	.05187	.000612	.0004337	.0024417	.007511	.006981	.02022
%RSD	.2536228	.3557497	.1381831	.3668261	.1082938	.1519478	.1559222

#1	20.41037	-.172495	.3140273	.6634235	6.939617	4.593409	12.99411
#2	20.43208	-.171279	.3133530	.6651738	6.939978	4.601592	12.95614
#3	20.50907	-.172006	.3141626	.6682467	6.926792	4.587704	12.96304

Sample Name: Q2047-01MSD Acquired: 5/16/2025 16:41:22 Type: Unk
 Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.653982	.4540610	.0190918
Stddev	.005484	.0011108	.0008079
%RSD	.2066443	.2446420	4.231918
#1	2.658627	.4531200	.0199978
#2	2.647932	.4552864	.0184461
#3	2.655387	.4537766	.0188314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3318.084	78984.31	16675.21	2267.576	3736.432
Stddev	10.433	70.69	19.32	7.235	8.837
%RSD	.3144256	.0894987	.1158538	.3190593	.2365070
#1	3306.037	79045.90	16673.89	2275.432	3727.429
#2	3324.138	78907.13	16656.58	2261.186	3736.774
#3	3324.077	78999.90	16695.15	2266.110	3745.093

Sample Name: Q2047-01A Acquired: 5/16/2025 16:45:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6677407	1.847627	1.140678	1.506207	.5979624	123.2981	.9064190
Stddev	.0072753	.007771	.012297	.006244	.0029404	.1401	.0031055
%RSD	1.089538	.4205759	1.078058	.4145675	.4917421	.1136273	.3426163

#1	.6642629	1.853936	1.133366	1.499288	.5964074	123.3544	.9094635
#2	.6628571	1.838947	1.133792	1.507910	.5961260	123.4012	.9065376
#3	.6761022	1.849997	1.154875	1.511423	.6013538	123.1386	.9032558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1539787	.1848360	76.68010	.5761589	.4019653	.7259258	341.0562
Stddev	.0005212	.0020928	.08369	.0023569	.0024382	.0054484	1.1482
%RSD	.3385067	1.132247	.1091470	.4090725	.6065783	.7505421	.3366540

#1	.1545722	.1834595	76.77585	.5756424	.4006343	.7219264	341.3369
#2	.1537687	.1838042	76.62089	.5787313	.4004823	.7237198	342.0380
#3	.1535952	.1872444	76.64357	.5741031	.4047794	.7321313	339.7937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.803101	63.17369	.7197023	.0412416	13.24037	.8239097	.7914899
Stddev	.025258	.12375	.0055221	.0002259	.07565	.0030384	.0034371
%RSD	.2869219	.1958831	.7672776	.5478617	.5713451	.3687747	.4342614

#1	8.832137	63.04727	.7162590	.0414997	13.26679	.8242214	.7906253
#2	8.790961	63.17924	.7167762	.0410796	13.29927	.8207275	.7952768
#3	8.786205	63.29457	.7260717	.0411455	13.15506	.8267802	.7885676

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.41325	.1023559	.3161732	.6596470	6.919736	3.735934	12.79163
Stddev	.04079	.0049083	.0010170	.0052139	.015660	.014754	.09302
%RSD	.2101018	4.795307	.3216474	.7904022	.2263060	.3949330	.7271684

#1	19.38118	.1070894	.3153604	.6590119	6.937560	3.736487	12.73059
#2	19.45915	.1026887	.3158457	.6547798	6.913462	3.750405	12.74561
#3	19.39941	.0972898	.3173136	.6651493	6.908187	3.720911	12.89869

Sample Name: Q2047-01A Acquired: 5/16/2025 16:45:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.270209	.4288061	.0254760
Stddev	.023996	.0006742	.0009177
%RSD	.7337856	.1572179	3.602345

#1	3.258806	.4287786	.0259877
#2	3.254041	.4294935	.0244165
#3	3.297781	.4281460	.0260239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.151	78598.21	16529.51	2245.894	3744.212
Stddev	11.714	175.26	63.09	4.613	15.584
%RSD	.3534509	.2229782	.3816771	.2054164	.4162208

#1	3324.055	78536.11	16458.20	2242.239	3753.482
#2	3317.178	78462.45	16578.06	2251.078	3752.934
#3	3301.221	78796.06	16552.27	2244.366	3726.220

Sample Name: Q2001-11 Acquired: 5/16/2025 16:49:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000728	-.006008	.0019800	.0020935	.0028712	.0780431	.0746571
Stddev	.002796	.002613	.0014604	.0056678	.0028548	.0122377	.0006237
%RSD	384.2959	43.49920	73.75397	270.7336	99.43033	15.68064	.8353565

#1	-.003954	-.002990	.0036639	-.001569	.0030557	.0766935	.0745738
#2	.000766	-.007554	.0012161	.008622	.0056293	.0665362	.0753181
#3	.001005	-.007479	.0010601	-.000772	-.000071	.0908996	.0740792

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000120	-.000130	231.5211	.0074580	-.000503	.0059890	.0402759
Stddev	.000015	.000013	1.1136	.0004725	.000151	.0004566	.0039774
%RSD	12.84452	9.806669	.4809959	6.335300	30.00408	7.624047	9.875421

#1	-.000113	-.000117	231.1300	.0069341	-.000671	.0060342	.0430906
#2	-.000108	-.000129	232.7775	.0078519	-.000461	.0064213	.0357257
#3	-.000137	-.000143	230.6558	.0075880	-.000378	.0055115	.0420116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001632	.1511491	.0012377	-.000795	459.4963	.0059061	.0049368
Stddev	.0001103	.0036009	.0004232	.000316	3.0743	.0015073	.0001642
%RSD	67.56431	2.382372	34.19403	39.72113	.6690522	25.52139	3.325997

#1	.0002837	.1495472	.0015098	-.001068	463.0009	.0049508	.0049162
#2	.0000672	.1552730	.0014532	-.000449	458.2333	.0051238	.0051103
#3	.0001388	.1486271	.0007501	-.000867	457.2547	.0076438	.0047839

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.233394	.0163549	.0095868	-.007324	-.003467	3.693287	.0079705
Stddev	.044886	.0010713	.0001248	.000054	.000425	.032916	.0006380
%RSD	.6205452	6.550066	1.301558	.7425159	12.26266	.8912252	8.004972

#1	7.188094	.0175858	.0096134	-.007263	-.003717	3.662047	.0074730
#2	7.234233	.0158450	.0094509	-.007339	-.003708	3.690160	.0077486
#3	7.277855	.0156338	.0096961	-.007369	-.002976	3.727655	.0086898

Sample Name: Q2001-11 Acquired: 5/16/2025 16:49:25 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.33263	-.031135	1.120974
Stddev	.02884	.000526	.005417
%RSD	.2791234	1.689327	.4832059
#1	10.33229	-.030776	1.119834
#2	10.36164	-.031739	1.126870
#3	10.30397	-.030891	1.116218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.018	62549.65	13400.82	1752.059	3605.691
Stddev	1.338	275.27	75.63	5.947	4.680
%RSD	.0521558	.4400747	.5643373	.3394284	.1298005
#1	2564.778	62626.68	13408.09	1755.665	3601.829
#2	2565.840	62778.20	13321.83	1755.317	3610.896
#3	2567.437	62244.08	13472.55	1745.195	3604.347

Sample Name: CCV05 Acquired: 5/16/2025 16:53:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	4.928876	5.092845	4.934391	4.999215	4.976067	9.797254	9.441608
Stddev	.014242	.028990	.016287	.019684	.005394	.042775	.081102
%RSD	.2889561	.5692299	.3300685	.3937351	.1084044	.4365987	.8589845
#1	4.912469	5.092925	4.917959	4.980285	4.977624	9.777648	9.468300
#2	4.938047	5.121796	4.934686	4.997785	4.970065	9.846317	9.506000
#3	4.936114	5.063816	4.950528	5.019575	4.980512	9.767796	9.350524
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2561932	2.459354	24.16543	.9922474	2.468374	1.247291	4.680886
Stddev	.0025162	.006532	.07153	.0032538	.005199	.002440	.025304
%RSD	.9821412	.2655950	.2960011	.3279200	.2106394	.1956243	.5405847
#1	.2566896	2.452324	24.14635	.9892972	2.462774	1.246833	4.672470
#2	.2584242	2.460502	24.24457	.9957373	2.469301	1.245112	4.660863
#3	.2534658	2.465235	24.10538	.9917077	2.473048	1.249927	4.709326
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.418545	24.37459	2.462375	1.239509	23.16506	2.439765	2.500141
Stddev	.006637	.09778	.005372	.000875	.11067	.008792	.000815
%RSD	.2744368	.4011416	.2181641	.0706048	.4777597	.3603426	.0326056
#1	2.419137	24.27603	2.456416	1.238605	23.17051	2.434320	2.500055
#2	2.424867	24.47156	2.463864	1.240352	23.05176	2.449908	2.499373
#3	2.411631	24.37618	2.466846	1.239571	23.27290	2.435068	2.500997
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.48678	5.079914	4.991673	4.930670	4.868100	4.728099	5.080255
Stddev	.13218	.050262	.001746	.013757	.012611	.044896	.017797
%RSD	.5627894	.9894241	.0349793	.2790065	.2590524	.9495631	.3503113
#1	23.48635	5.092408	4.991714	4.915001	4.867451	4.702797	5.060907
#2	23.35482	5.122750	4.993399	4.940765	4.881023	4.701563	5.083931
#3	23.61918	5.024584	4.989907	4.936245	4.855826	4.779935	5.095926

Sample Name: CCV05 Acquired: 5/16/2025 16:53:50 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.935645	4.915595	4.834233
Stddev	.009384	.019153	.017700
%RSD	.1901283	.3896435	.3661373

#1	4.924836	4.919639	4.852464
#2	4.941719	4.932403	4.833117
#3	4.940378	4.894742	4.817117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2778.212	65829.90	12470.50	1885.220	3987.360
Stddev	5.236	168.96	98.63	10.439	8.886
%RSD	.1884502	.2566565	.7908989	.5537183	.2228525

#1	2775.726	66015.79	12478.55	1895.857	3990.543
#2	2774.683	65788.26	12368.09	1884.814	3977.321
#3	2784.228	65685.66	12564.86	1874.991	3994.217

Sample Name: CCB05 Acquired: 5/16/2025 16:58:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem 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	.0010925	-.000436	.0018911	-.002335	-.001888	.0014299	-.017603
Stddev	.0006934	.000271	.0006604	.000292	.000590	.0012242	.000182
%RSD	63.46279	62.23785	34.92253	12.49985	31.25760	85.61623	1.034314
#1	.0005539	-.000192	.0025410	-.002003	-.001313	.0024247	-.017556
#2	.0018749	-.000387	.0012207	-.002551	-.001859	.0018021	-.017804
#3	.0008488	-.000728	.0019117	-.002451	-.002492	.0000627	-.017449
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000104	.0000432	-.004556	-.000596	-.000074	.0007449	.0075198
Stddev	.0000233	.0000101	.002233	.000049	.000043	.0001364	.0013567
%RSD	223.2901	23.33175	49.01698	8.221480	58.44904	18.31524	18.04158
#1	.0000262	.0000493	-.007131	-.000620	-.000087	.0007822	.0077842
#2	-.000016	.0000316	-.003151	-.000540	-.000110	.0008589	.0087249
#3	.000021	.0000488	-.003386	-.000629	-.000026	.0005937	.0060504
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001300	.0048149	.0007032	-.001076	-.598647	.0002087	-.000959
Stddev	.000116	.0050629	.0000470	.000058	.002450	.0003839	.000095
%RSD	8.949963	105.1507	6.684083	5.398575	.4092862	183.9199	9.867663
#1	-.001257	.0048694	.0006573	-.001129	-.596252	.0005742	-.001038
#2	-.001212	-.000275	.0007011	-.001014	-.598539	.0002434	-.000854
#3	-.001432	.009850	.0007513	-.001086	-.601149	-.000191	-.000984
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.151611	-.000167	.0001324	-.003264	-.000122	-.030509	-.002947
Stddev	.005791	.000109	.0001087	.000311	.000188	.000293	.000699
%RSD	3.819533	65.23613	82.03844	9.531394	153.9846	.9604866	23.71427
#1	-.147298	-.000117	.0002544	-.003469	.000085	-.030284	-.002193
#2	-.158193	-.000092	.0000459	-.002906	-.000282	-.030403	-.003075
#3	-.149343	-.000293	.0000971	-.003417	-.000169	-.030841	-.003573

Sample Name: CCB05 Acquired: 5/16/2025 16:58:02 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007878	.0000126	.0001437
Stddev	.000324	.0003411	.0000293
%RSD	4.112634	2713.172	20.38315
#1	-.007810	-.000189	.0001731
#2	-.007594	-.000180	.0001434
#3	-.008231	.000406	.0001146

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12653.26	278178.4	44333.99	8488.068	19116.24
Stddev	129.18	2013.0	600.05	80.437	175.99
%RSD	1.020900	.7236406	1.353467	.9476444	.9206197
#1	12508.92	280498.7	44911.10	8580.940	18918.20
#2	12692.87	277137.7	44377.50	8440.553	19175.81
#3	12758.00	276898.8	43713.38	8442.711	19254.71

Sample Name: Q2001-11DUP Acquired: 5/16/2025 17:02:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005433	-.009203	-.000354	.0018484	.0019888	.0917675	.0925146
Stddev	.0013438	.002766	.000744	.0044673	.0026749	.0083502	.0017872
%RSD	247.3674	30.04919	210.0947	241.6863	134.4978	9.099288	1.931840

#1	-.001001	-.006464	.000439	.0055414	.0050685	.1005044	.0943121
#2	.001451	-.009151	-.001038	-.003117	.0006536	.0838670	.0907378
#3	.001180	-.011995	-.000464	.003121	.0002444	.0909309	.0924938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000085	-.000057	287.4603	.0096771	-.000582	.0046710	.0487495
Stddev	.000106	.000023	.9333	.0000921	.000152	.0004390	.0045808
%RSD	123.9962	39.63553	.3246617	.9517247	26.13672	9.398089	9.396570

#1	.000026	-.000042	287.7122	.0095927	-.000407	.0047698	.0484545
#2	-.000185	-.000046	286.4269	.0096631	-.000680	.0050521	.0443233
#3	-.000097	-.000083	288.2417	.0097753	-.000659	.0041910	.0534706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001130	.1803915	.0008878	-.001323	571.7808	.0059244	.0023357
Stddev	.0004932	.0062978	.0004590	.000626	5.2229	.0019296	.0001227
%RSD	436.3947	3.491175	51.69414	47.36610	.9134483	32.56961	5.253380

#1	.0005231	.1848697	.0011550	-.001929	567.5570	.0051295	.0022018
#2	.0002502	.1831144	.0003579	-.000678	570.1645	.0081244	.0023627
#3	-.000434	.1731904	.0011506	-.001361	577.6208	.0045193	.0024427

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.210687	.0233305	.0118743	-.007928	-.001948	4.595961	.0087471
Stddev	.129351	.0012200	.0005138	.001761	.004089	.084832	.0017429
%RSD	1.404354	5.229281	4.327259	22.20742	209.8925	1.845790	19.92503

#1	9.065749	.0246922	.0114479	-.008237	-.004170	4.498163	.0067406
#2	9.251913	.0223369	.0124448	-.009513	.002771	4.640058	.0098843
#3	9.314400	.0229624	.0117302	-.006033	-.004445	4.649663	.0096166

Sample Name: Q2001-11DUP Acquired: 5/16/2025 17:02:29 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.88959	-.038489	1.403207
Stddev	.05744	.000084	.002405
%RSD	.4456564	.2188933	.1713745

#1	12.94849	-.038476	1.405666
#2	12.88653	-.038412	1.400861
#3	12.83373	-.038579	1.403094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.551	60775.25	12995.13	1735.010	3529.512
Stddev	19.749	687.59	75.19	89.447	19.964
%RSD	.7838376	1.131367	.5786024	5.155426	.5656228

#1	2533.917	61569.10	12913.10	1838.127	3539.850
#2	2497.030	60366.87	13011.52	1688.544	3506.499
#3	2527.706	60389.78	13060.78	1678.359	3542.186

Sample Name: Q2001-11LX5 Acquired: 5/16/2025 17:06:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003555	-.001977	-.000346	.0000776	-.001522	.0312247	.0138088
Stddev	.003906	.002817	.000373	.0031366	.001708	.0023316	.0002952
%RSD	109.8831	142.4738	107.6494	4041.116	112.2126	7.467040	2.137484
#1	-.002694	.000664	-.000102	-.000156	.000444	.0313900	.0140215
#2	-.000151	-.004941	-.000776	-.002936	-.002372	.0334692	.0134719
#3	-.007819	-.001653	-.000162	.003324	-.002640	.0288149	.0139332
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000068	.0000254	45.66129	.0012096	-.000172	.0005770	.0101324
Stddev	.0000525	.0001181	.08763	.0003390	.000344	.0002525	.0009873
%RSD	770.6809	464.5211	.1919103	28.02346	199.5461	43.75990	9.743947
#1	.0000222	.0001079	45.71026	.0008605	.000224	.0004313	.0112064
#2	.0000498	.0000782	45.71348	.0015374	-.000381	.0008686	.0099264
#3	-.000052	-.000110	45.56012	.0012308	-.000360	.0004312	.0092643
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000752	.0435994	.0004732	-.000644	83.36667	.0012393	.0006793
Stddev	.000112	.0068204	.0003598	.000077	.84739	.0006612	.0001388
%RSD	14.90535	15.64326	76.03111	11.91469	1.016466	53.35092	20.43600
#1	-.000861	.0382127	.0004859	-.000723	82.41174	.0005785	.0007351
#2	-.000637	.0512682	.0008265	-.000570	83.65929	.0019009	.0007817
#3	-.000757	.0413174	.0001073	-.000638	84.02897	.0012385	.0005213
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.186198	.0048995	.0019595	-.003309	-.000362	.6775683	.0009808
Stddev	.006430	.0007591	.0006563	.001409	.000711	.0052721	.0040953
%RSD	.5420806	15.49242	33.49204	42.58758	196.5356	.7780963	417.5630
#1	1.178824	.0041023	.0012282	-.001877	.000003	.6835886	-.001157
#2	1.190638	.0056136	.0024971	-.004694	.000093	.6737753	.005703
#3	1.189133	.0049826	.0021532	-.003356	-.001181	.6753411	-.001603

Sample Name: Q2001-11LX5 Acquired: 5/16/2025 17:06:54 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.034074	-.006470	.2163452
Stddev	.048113	.000532	.0005565
%RSD	2.365366	8.217329	.2572268

#1	2.055990	-.006302	.2157043
#2	1.978904	-.006043	.2166258
#3	2.067327	-.007066	.2167055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.358	66828.08	13457.31	1883.165	4024.282
Stddev	63.241	73.18	73.44	5.364	52.084
%RSD	2.254284	.1095017	.5457578	.2848230	1.294244

#1	2871.803	66776.33	13380.83	1877.093	4082.447
#2	2745.902	66796.11	13463.82	1887.256	3981.955
#3	2798.370	66911.81	13527.29	1885.147	4008.446

Sample Name: Q2001-11MS Acquired: 5/16/2025 17:11:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8653171	2.005520	1.008952	2.111286	.8749013	2.117466	.2708801
Stddev	.0035361	.006002	.001992	.005265	.0002287	.015252	.0062708
%RSD	.4086507	.2992547	.1974392	.2493710	.0261398	.7202796	2.314959

#1	.8694000	2.012333	1.007108	2.106526	.8747303	2.099867	.2781195
#2	.8632351	2.001016	1.011065	2.110392	.8748126	2.125696	.2671333
#3	.8633162	2.003212	1.008683	2.116941	.8751611	2.126834	.2673877

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2076749	.2110495	229.2002	.4323559	.2068417	.3084041	3.092906
Stddev	.0095336	.0000348	5.5369	.0201901	.0005917	.0010586	.102287
%RSD	4.590635	.0165025	2.415752	4.669792	.2860560	.3432622	3.307162

#1	.2170340	.2110850	235.5454	.4198240	.2075054	.3091650	2.984067
#2	.1979759	.2110154	225.3489	.4215968	.2066507	.3071951	3.107599
#3	.2080147	.2110481	226.7062	.4556470	.2063692	.3088522	3.187053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1984535	2.100467	.5140797	.0517934	435.0908	.3146158	.2157445
Stddev	.0031374	.083988	.0003297	.0007319	4.2578	.0039187	.0006520
%RSD	1.580934	3.998550	.0641317	1.413182	.9786024	1.245535	.3022112

#1	.2019313	2.193379	.5139343	.0524745	432.8932	.3189204	.2161296
#2	.1958359	2.029938	.5138476	.0518863	432.3808	.3136713	.2149917
#3	.1975934	2.078083	.5144571	.0510195	439.9984	.3112558	.2161121

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.43277	.3036867	.4564872	.7355949	.2054370	4.407347	7.030482
Stddev	.86767	.0143962	.0013195	.0028729	.0002885	.179217	.021263
%RSD	4.707210	4.740490	.2890491	.3905604	.1404401	4.066333	.3024337

#1	17.45072	.3197001	.4558260	.7360877	.2056288	4.210875	7.050096
#2	18.75195	.2918162	.4556291	.7381896	.2051052	4.449298	7.007886
#3	19.09565	.2995437	.4580066	.7325075	.2055770	4.561868	7.033466

Sample Name: Q2001-11MS Acquired: 5/16/2025 17:11:12 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.775065	.1913590	1.293786
Stddev	.041335	.0049276	.008198
%RSD	.4228637	2.575068	.6336812

#1	9.767151	.1857112	1.284451
#2	9.738260	.1935845	1.297090
#3	9.819786	.1947813	1.299817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.555	61439.58	12445.94	1766.782	3607.097
Stddev	17.570	715.18	635.23	79.738	22.576
%RSD	.6880577	1.164036	5.103879	4.513171	.6258638

#1	2549.863	61997.95	11712.50	1714.311	3599.724
#2	2572.677	61687.32	12820.48	1727.495	3632.437
#3	2538.124	60633.47	12804.84	1858.540	3589.130

Sample Name: Q2001-11MSD Acquired: 5/16/2025 17:15:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8611381	1.966210	1.001224	2.090335	.8594399	2.051888	.2661182
Stddev	.0103469	.021216	.024102	.025059	.0066676	.010157	.0014072
%RSD	1.201539	1.079044	2.407281	1.198783	.7758129	.4950137	.5287707

#1	.8491934	1.953454	.985830	2.079433	.8662618	2.040618	.2676134
#2	.8673375	1.954475	.988841	2.072574	.8591198	2.054712	.2648198
#3	.8668834	1.990701	1.029001	2.118998	.8529381	2.060335	.2659212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1962646	.2093648	243.0168	.4111973	.2039846	.3013275	3.025394
Stddev	.0032490	.0051840	2.3534	.0030589	.0024485	.0003929	.053415
%RSD	1.655409	2.476077	.9683967	.7438874	1.200340	.1303760	1.765546

#1	.1940153	.2065670	245.6374	.4104156	.2024223	.3013931	3.084300
#2	.1947889	.2061807	241.0838	.4086052	.2027251	.3009060	3.011777
#3	.1999895	.2153466	242.3291	.4145712	.2068065	.3016835	2.980107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2032846	2.008866	.5060016	.0508583	456.1131	.3018688	.2126965
Stddev	.0014238	.038135	.0080014	.0002061	7.7820	.0008295	.0010485
%RSD	.7004134	1.898316	1.581296	.4052613	1.706166	.2747845	.4929463

#1	.2048124	2.052275	.5012567	.0506958	464.9509	.3022357	.2134494
#2	.2019947	1.980763	.5015083	.0510902	450.2871	.3009191	.2131411
#3	.2030467	1.993559	.5152396	.0507890	453.1013	.3024514	.2114990

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.44677	.2905591	.4462461	.7348907	.1978793	4.669839	k 7.010156
Stddev	.19988	.0043329	.0006672	.0155716	.0010005	.086627	.184690
%RSD	1.083552	1.491236	.1495229	2.118895	.5056153	1.855030	2.634602

#1	18.58087	.2873576	.4469058	.7226325	.1967325	4.752779	6.908470
#2	18.54241	.2888302	.4462609	.7296279	.1985741	4.676794	k 6.898656
#3	18.21704	.2954896	.4455716	.7524118	.1983312	4.579945	7.223342

Sample Name: Q2001-11MSD Acquired: 5/16/2025 17:15:24 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.86741	.1864149	^ *****
Stddev	.23381	.0022887	-----
%RSD	2.151482	1.227727	-----
#1	10.72910	.1838586	1.349287
#2	10.73576	.1882734	^ -----
#3	11.13736	.1871128	1.364834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.386	61736.81	12693.14	1725.962	3551.674
Stddev	45.830	611.13	53.92	33.305	29.208
%RSD	1.804781	.9898983	.4248174	1.929638	.8223714
#1	2507.133	61155.99	12724.07	1704.951	3530.875
#2	2519.178	61680.13	12724.46	1708.573	3539.081
#3	2591.848	62374.30	12630.87	1764.362	3585.066

Sample Name: Q2001-11A Acquired: 5/16/2025 17:19:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7803009	1.777798	.8986268	1.950771	.7763912	1.859255	.2650370
Stddev	.0115097	.031797	.0168964	.018822	.0128578	.009358	.0012834
%RSD	1.475036	1.788571	1.880241	.9648440	1.656098	.5033227	.4842389

#1	.7766917	1.758349	.8900082	1.942338	.7773260	1.848909	.2635609
#2	.7931827	1.814492	.9180945	1.972335	.7630915	1.861729	.2656610
#3	.7710284	1.760553	.8877776	1.937641	.7887561	1.867128	.2658890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1655611	.1882069	283.9931	.3751603	.1832858	.2713517	2.917607
Stddev	.0038877	.0042368	1.0750	.0151849	.0017082	.0008882	.037076
%RSD	2.348196	2.251113	.3785349	4.047569	.9319589	.3273126	1.270762

#1	.1641813	.1855374	282.7570	.3677716	.1820731	.2718960	2.881757
#2	.1699505	.1930920	284.5127	.3926255	.1852393	.2703268	2.955798
#3	.1625514	.1859911	284.7097	.3650839	.1825450	.2718322	2.915265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1706745	1.813376	.4541952	.0666279	578.0939	.2723929	.1908002
Stddev	.0006972	.004579	.0058649	.0032488	8.0098	.0021680	.0005245
%RSD	.4084796	.2525059	1.291282	4.876056	1.385556	.7959226	.2748969

#1	.1700767	1.817429	.4499864	.0648573	570.6279	.2706723	.1905897
#2	.1705065	1.814290	.4608944	.0646490	586.5546	.2716784	.1904136
#3	.1714403	1.808409	.4517049	.0703774	577.0993	.2748280	.1913972

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12716	.2493758	.4018287	.6578322	.1790833	5.585549	6.350673
Stddev	.27479	.0057619	.0025577	.0141473	.0008155	.049127	.170192
%RSD	1.365259	2.310539	.6365155	2.150587	.4553856	.8795340	2.679907

#1	19.81514	.2463587	.4024788	.6466451	.1786224	5.538208	6.240160
#2	20.33307	.2560198	.3990087	.6737351	.1786027	5.636286	6.546662
#3	20.23327	.2457490	.4039986	.6531166	.1800249	5.582154	6.265199

Sample Name: Q2001-11A Acquired: 5/16/2025 17:19:35 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.08948	.1578466	1.562266
Stddev	.32282	.0009678	.006943
%RSD	2.466265	.6131043	.4444094
#1	12.90611	.1567683	1.554319
#2	13.46223	.1586397	1.565323
#3	12.90011	.1581317	1.567155

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.998	60653.13	13491.35	1734.576	3494.635
Stddev	40.020	458.87	9.97	76.873	21.609
%RSD	1.593774	.7565535	.0739234	4.431799	.6183348
#1	2488.724	61058.17	13482.26	1696.276	3485.611
#2	2557.199	60154.77	13489.77	1823.075	3519.293
#3	2487.071	60746.44	13502.02	1684.378	3479.001

Sample Name: CCV06 Acquired: 5/16/2025 17:28:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890732	4.994233	4.915648	4.961557	4.888389	9.627500	9.381666
Stddev	.062796	.032872	.114256	.063758	.037656	.034444	.014006
%RSD	1.283986	.6582032	2.324326	1.285031	.7703068	.3577622	.1492888

#1	4.958095	5.031591	5.047554	5.027883	4.847876	9.590159	9.396842
#2	4.833811	4.981376	4.851955	4.900723	4.894970	9.658028	9.378920
#3	4.880290	4.969733	4.847436	4.956066	4.922320	9.634313	9.369238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2477017	2.456108	23.78735	.9874052	2.444522	1.231818	4.766128
Stddev	.0004547	.063369	.08214	.0009785	.025711	.005704	.021638
%RSD	.1835795	2.580049	.3453027	.0990980	1.051788	.4630848	.4539958

#1	.2477763	2.529280	23.81045	.9879659	2.474172	1.226990	4.781400
#2	.2481145	2.419630	23.85547	.9862754	2.431007	1.230353	4.775618
#3	.2472143	2.419414	23.69614	.9879744	2.428387	1.238113	4.741367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.368899	23.98306	2.443560	1.233257	23.58252	2.399283	2.489952
Stddev	.008759	.12325	.033285	.002733	.01279	.007356	.011240
%RSD	.3697310	.5139033	1.362138	.2216299	.0542298	.3065903	.4514103

#1	2.374490	24.02048	2.481972	1.233737	23.57814	2.392101	2.502895
#2	2.373402	24.08326	2.423249	1.235719	23.57249	2.406801	2.482652
#3	2.358805	23.84544	2.425459	1.230316	23.59692	2.398949	2.484308

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.91618	4.862858	4.920023	4.920762	4.789053	4.788322	5.037021
Stddev	.04717	.010703	.032301	.115418	.002637	.035950	.135630
%RSD	.1972369	.2201073	.6565300	2.345534	.0550646	.7507900	2.692667

#1	23.90167	4.864866	4.887192	5.053795	4.791801	4.748025	5.193612
#2	23.87797	4.872415	4.921109	4.861184	4.786543	4.817103	4.960940
#3	23.96891	4.851293	4.951767	4.847308	4.788816	4.799839	4.956510

Sample Name: CCV06 Acquired: 5/16/2025 17:28:04 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.884383	4.776521	4.759450
Stddev	.097348	.010125	.010224
%RSD	1.993037	.2119816	.2148134

#1	4.996081	4.777087	4.747981
#2	4.817621	4.766125	4.767609
#3	4.839446	4.786352	4.762759

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.171	63897.93	12546.60	1826.780	3991.425
Stddev	62.159	32.54	13.10	7.469	44.327
%RSD	2.230165	.0509213	.1043940	.4088397	1.110565

#1	2858.795	63920.72	12540.32	1818.336	4042.406
#2	2755.378	63912.41	12537.83	1832.518	3961.982
#3	2747.340	63860.67	12561.65	1829.488	3969.887

Sample Name: CCB06 Acquired: 5/16/2025 17:32:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013967	-.000093	.0016521	-.002237	-.001541	-.001270	-.017057
Stddev	.0008771	.000585	.0002282	.000519	.000574	.001081	.000547
%RSD	62.79743	626.7320	13.81329	23.18865	37.21211	85.14699	3.209800

#1	.0003850	-.000136	.0017813	-.002652	-.001608	-.002362	-.016656
#2	.0019422	-.000655	.0013886	-.002404	-.000938	-.000200	-.016834
#3	.0018628	.000512	.0017863	-.001655	-.002079	-.001246	-.017681

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000344	-.006034	-.000684	-.000136	.0008414	.0020132
Stddev	.000025	.0000124	.000436	.000050	.000016	.0000418	.0004248
%RSD	308.8279	36.03532	7.220987	7.363503	11.93167	4.963571	21.09963

#1	.000017	.0000229	-.005875	-.000666	-.000131	.0008415	.0020811
#2	-.000033	.0000328	-.005701	-.000645	-.000122	.0008830	.0023998
#3	-.000008	.0000475	-.006527	-.000741	-.000154	.0007995	.0015585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001422	.0006479	.0006625	-.000951	-.595265	.0007487	-.000983
Stddev	.000081	.0057839	.0000300	.000251	.001447	.0000107	.000133
%RSD	5.681070	892.6885	4.535145	26.36587	.2431146	1.434336	13.50756

#1	-.001409	.0000797	.0006760	-.000662	-.594564	.0007598	-.000851
#2	-.001509	-.004831	.0006835	-.001081	-.596929	.0007384	-.001117
#3	-.001349	.006695	.0006281	-.001110	-.594302	.0007479	-.000980

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146490	-.000516	.0000276	-.003490	.0000051	-.029973	-.002670
Stddev	.006348	.000108	.0000169	.000051	.0001403	.001785	.000811
%RSD	4.333374	21.02471	61.24946	1.461879	2725.383	5.955364	30.38756

#1	-.140878	-.000639	.0000153	-.003543	.0001634	-.031912	-.003605
#2	-.145212	-.000435	.0000468	-.003442	-.000044	-.029608	-.002152
#3	-.153379	-.000473	.0000205	-.003485	-.000104	-.028398	-.002253

Sample Name: CCB06 Acquired: 5/16/2025 17:32:16 Type: Unk
Method: NON EPA-6010-200.7 NEW LR(v48) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007955	-.000278	.0002132
Stddev	.000270	.000247	.0000542
%RSD	3.389578	89.16385	25.43871
#1	-.007654	-.000282	.0002714
#2	-.008175	-.000028	.0002042
#3	-.008036	-.000523	.0001641

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12849.86	274500.3	45000.65	8283.335	19540.23
Stddev	10.75	1858.5	1499.36	224.583	26.11
%RSD	.0836797	.6770536	3.331864	2.711267	.1336095
#1	12856.05	272451.9	45841.02	8024.967	19548.29
#2	12856.09	274970.4	43269.58	8393.236	19561.35
#3	12837.45	276078.6	45891.34	8431.804	19511.04

LB135751

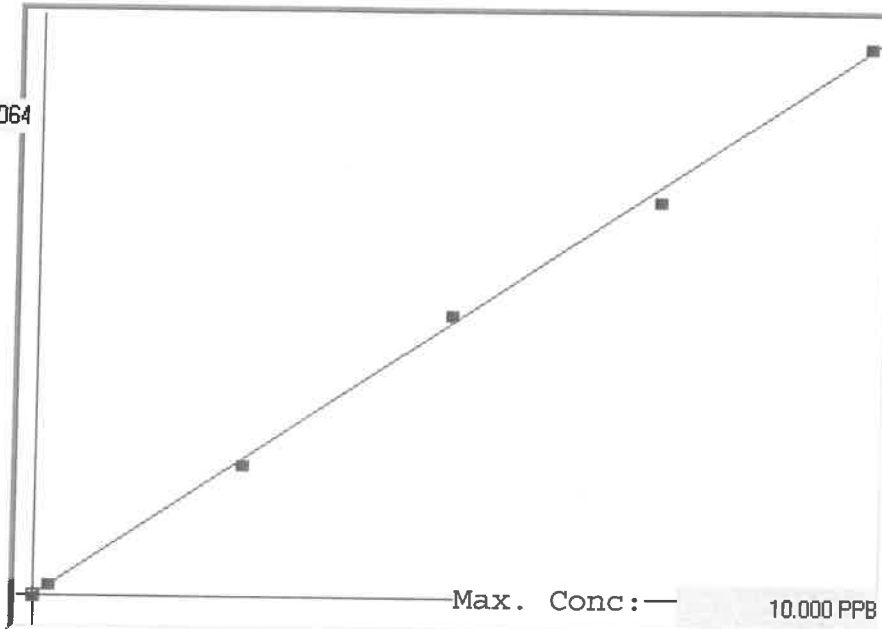
7471B

INSTRUMENT ID: CV1

Linear

μ Abs.:

49064



A= 0.0000e+000

B= 2.0567e-004

C= -1.3351e-003

Rho= 0.9993517

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	0.023	0.023	118	0.000	118				
0.2	0.200	0.210	0.010	1026	0.0 %	1026				
2.5	2.500	2.422	-0.078	11784	0.0 %	11784				
5.0	5.000	5.190	0.190	25243	0.0 %	25243				
7.5	7.500	7.265	-0.235	35333	0.0 %	35333				
10.0	10.000	10.089	0.089	49064	0.0 %	49064				

0.11
15
-3
4
-3
1

LB135761 INSTRUMENT ID : CV1

Method: 7471B

Operator: Admin

Date of Analysis: 13 May 2025 10:25:06

Sample ID	Extended ID	µ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	90	118	-	0.0000	7471B	PPB	13 May 2025 10:53:16	S	Std
0.2 - 1	50.2	1026	-	0.2000	7471B	PPB	13 May 2025 10:55:33	S	Std
2.5 - 1	52.5	11784	-	2.5000	7471B	PPB	13 May 2025 10:57:50	S	Std
5.0 - 1	55	25243	-	5.0000	7471B	PPB	13 May 2025 11:00:08	S	Std
7.5 - 1	57.5	35333	-	7.5000	7471B	PPB	13 May 2025 11:02:27	S	Std
10.0 - 1	510	49064	-	10.0000	7471B	PPB	13 May 2025 11:04:46	S	Std
ICV07 - 1	ICV07	19979	4.1077	-	7471B	PPB	13 May 2025 11:07:40	U	SMPL
ICB07 - 1	ICB07	-342	-0.0717	-	7471B	PPB	13 May 2025 11:09:56	U	SMPL
CCV17 - 1	CCV17	24053	4.9455	-	7471B	PPB	13 May 2025 11:12:14	U	SMPL
CCB17 - 1	CCB17	-344	-0.0721	-	7471B	PPB	13 May 2025 11:14:30	U	SMPL
CRA - 1	CRA	932	0.1903	-	7471B	PPB	13 May 2025 11:16:49	U	SMPL
HighStd - 1	HighStd	49223	10.1221	-	7471B	PPB	13 May 2025 11:19:04	U	SMPL
ChkStd - 1	ChkStd	32577	6.6986	-	7471B	PPB	13 May 2025 11:21:20	U	SMPL
PB167982BL - 1	PBS	-308	-0.0647	-	7471B	PPB	13 May 2025 11:23:45	U	SMPL
PB167982BS - 1	LCSS	20367	4.1875	-	7471B	PPB	13 May 2025 11:30:29	U	SMPL
Q2004-01 - 1	VNJ-220	1316	0.2693	-	7471B	PPB	13 May 2025 11:32:45	U	SMPL
Q2004-03 - 1	2811	1659	0.3399	-	7471B	PPB	13 May 2025 11:35:05	U	SMPL
Q2004-05 - 1	R0202	1306	0.2673	-	7471B	PPB	13 May 2025 11:37:22	U	SMPL
Q2004-07 - 1	205510	1182	0.2418	-	7471B	PPB	13 May 2025 11:39:40	U	SMPL
Q2004-09 - 1	SOIL-STOCK	1223	0.2502	-	7471B	PPB	13 May 2025 11:41:55	U	SMPL
CCV18 - 1	CCV18	23914	4.9169	-	7471B	PPB	13 May 2025 11:44:11	U	SMPL
CCB18 - 1	CCB18	-241	-0.0509	-	7471B	PPB	13 May 2025 11:46:26	U	SMPL
Q2004-11 - 1	STONE-STOCK	158	0.0312	-	7471B	PPB	13 May 2025 11:48:44	U	SMPL
Q2007-01 - 1	OR-636-COMP-10	983	0.2008	-	7471B	PPB	13 May 2025 11:51:00	U	SMPL
Q2007-07 - 1	OR-636-COMP-11	63891	13.1388	-	7471B	PPB	13 May 2025 11:53:15	U	SMPL
Q2007-13 - 1	OR-636-COMP-12	2580	0.5293	-	7471B	PPB	13 May 2025 11:55:31	U	SMPL
Q2007-19 - 1	OR-636-COMP-13	2777	0.5698	-	7471B	PPB	13 May 2025 11:58:07	U	SMPL
Q2007-25 - 1	OR-636-COMP-14	503	0.1021	-	7471B	PPB	13 May 2025 12:00:26	U	SMPL
Q2007-31 - 1	OR-636-COMP-15	6007	1.2341	-	7471B	PPB	13 May 2025 12:02:44	U	SMPL
Q2007-31DUP - 1	OR-636-COMP-15DUP	5246	1.0776	-	7471B	PPB	13 May 2025 12:05:00	U	SMPL
Q2007-31MS - 1	OR-636-COMP-15MS	22717	4.6708	-	7471B	PPB	13 May 2025 12:10:17	U	SMPL
Q2007-31MSD - 1	OR-636-COMP-15MSD	23232	4.7767	-	7471B	PPB	13 May 2025 12:14:42	U	SMPL
CCV19 - 1	CCV19	24327	5.0019	-	7471B	PPB	13 May 2025 12:16:57	U	SMPL
CCB19 - 1	CCB19	-201	-0.0427	-	7471B	PPB	13 May 2025 12:19:16	U	SMPL
PB167983BL - 1	PBS	56	0.0102	-	7471B	PPB	13 May 2025 12:21:35	U	SMPL
PB167983BS - 1	LCSS	17601	3.6186	-	7471B	PPB	13 May 2025 12:23:51	U	SMPL
Q2010-01 - 1	TP-10	1958	0.4014	-	7471B	PPB	13 May 2025 12:26:06	U	SMPL
Q2010-02 - 1	TP-13	1912	0.3919	-	7471B	PPB	13 May 2025 12:28:25	U	SMPL
Q2010-03 - 1	TP-14	1303	0.2666	-	7471B	PPB	13 May 2025 12:30:41	U	SMPL
Q2010-04 - 1	TP-17	823	0.1679	-	7471B	PPB	13 May 2025 12:32:59	U	SMPL
Q2014-01 - 1	MOO-25-0134	415	0.0840	-	7471B	PPB	13 May 2025 12:35:15	U	SMPL
Q2014-03 - 1	MOO-25-0145	391	0.0791	-	7471B	PPB	13 May 2025 12:37:33	U	SMPL
Q2014-05 - 1	MOO-25-0148	383	0.0774	-	7471B	PPB	13 May 2025 12:39:50	U	SMPL
Q2017-01 - 1	MH-I	1074	0.2195	-	7471B	PPB	13 May 2025 12:42:05	U	SMPL
CCV20 - 1	CCV20	25246	5.1909	-	7471B	PPB	13 May 2025 12:44:21	U	SMPL
CCB20 - 1	CCB20	-219	-0.0464	-	7471B	PPB	13 May 2025 12:46:36	U	SMPL
Q2017-05 - 1	MH-J	187	0.0371	-	7471B	PPB	13 May 2025 12:48:56	U	SMPL
Q2017-05DUP - 1	MH-JDUP	194	0.0386	-	7471B	PPB	13 May 2025 12:51:12	U	SMPL
Q2017-05MS - 1	MH-JMS	18831	3.8716	-	7471B	PPB	13 May 2025 12:56:39	U	SMPL
Q2017-05MSD - 1	MH-JMSD	16460	3.3839	-	7471B	PPB	13 May 2025 12:58:54	U	SMPL
Q2007-31LX5 - 1		677	0.1379	-	7471B	PPB	13 May 2025 13:01:13	U	SMPL
Q2007-31A - 1		25068	5.1543	-	7471B	PPB	13 May 2025 13:03:32	U	SMPL
Q2017-05LX5 - 1		-235	-0.0497	-	7471B	PPB	13 May 2025 13:05:49	U	SMPL
Q2017-05A - 1		20188	4.1506	-	7471B	PPB	13 May 2025 13:08:08	U	SMPL
Q2007-07DLX5 - 1		12087	2.4845	-	7471B	PPB	13 May 2025 13:15:01	U	SMPL
CCV21 - 1	CCV21	24231	4.9821	-	7471B	PPB	13 May 2025 13:17:17	U	SMPL
CCB21 - 1	CCB21	-439	-0.0916	-	7471B	PPB	13 May 2025 13:19:37	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 #3 2. N/A

Start Digest Date: 05/13/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 05/13/2025 Time : 12:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: *SKS*

Supervisor Signature: *gsp*

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#3 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/13/25 13:10	<i>SKS. met. dig</i>	<i>gsp Metlab</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
PB167977BL	PBS977	N/A	2.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB167977BS	LCS977	N/A	2.00	100	Colorless	Colorless	Fine	N/A	M6005,M6016	2
Q2010-01	TP-10	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	3
Q2010-02	TP-13	N/A	2.09	100	Brown	Yellow	Medium	N/A	N/A	4
Q2010-03	TP-14	N/A	2.12	100	Brown	Yellow	Medium	N/A	N/A	5
Q2010-04	TP-17	N/A	2.37	100	Brown	Yellow	Medium	N/A	N/A	6
Q2014-01	MOO-25-0134	N/A	2.20	100	Brown	Yellow	Medium	N/A	N/A	7
Q2014-03	MOO-25-0145	N/A	2.36	100	Brown	Yellow	Medium	N/A	N/A	8
Q2014-05	MOO-25-0148	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	9
Q2017-01	MH-I	N/A	2.05	100	Brown	Yellow	Medium	N/A	N/A	10
Q2017-05	MH-J	N/A	2.21	100	Brown	Yellow	Medium	N/A	N/A	11
Q2017-05MS	MH-JMS	N/A	2.11	100	Brown	Yellow	Medium	N/A	M6005,M6016	13
Q2017-05MSD	MH-JMSD	N/A	2.15	100	Brown	Yellow	Medium	N/A	M6005,M6016	14
Q2017-05DUP	MH-JDUP	N/A	2.19	100	Brown	Yellow	Medium	N/A	N/A	12

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB167977

WorkList ID : 189485

Department : Digestion

Date : 05-13-2025 09:32:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2010-01	TP-10	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L51	05/08/2025	6010D
Q2010-02	TP-13	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L51	05/08/2025	6010D
Q2010-03	TP-14	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L51	05/08/2025	6010D
Q2010-04	TP-17	Solid	Metals ICP-TAL	Cool 4 deg C	CAMP02	L51	05/08/2025	6010D
Q2014-01	MOO-25-0134	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	05/12/2025	6010D
Q2014-03	MOO-25-0145	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	05/12/2025	6010D
Q2014-05	MOO-25-0148	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	05/12/2025	6010D
Q2017-01	MH-I	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	05/12/2025	6010D
Q2017-05	MH-J	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	L41	05/12/2025	6010D

Date/Time 05/13/2025 09:50

Raw Sample Received by: SPB.mct.d19

Raw Sample Relinquished by: [Signature]

Date/Time 05/13/2025 10:50

Raw Sample Received by: SPB.mct.d19

Raw Sample Relinquished by: [Signature]

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: 05/13/2025 Time : 08:35 Temp : 94 °C

End Digest Date: 05/13/2025 Time : 09:05 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	MP85654
CCV	30mL	MP85656
CRA	30mL	MP85658
Blank Spike	0.48mL	MP85647
Matrix Spike	0.48mL	MP85647

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP85660
KMnO ₄ (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	MP85648
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85649
2.5 ppb	S2.5	30mL	MP85650
5.0 ppb	S5.0	30mL	MP85651
7.5 ppb	S7.5	30mL	MP85652
10.0 ppb	S10.0	30mL	MP85653
ICV	ICV	30mL	MP85654
ICB	ICB	30mL	MP85655
CCV	CCV	30mL	MP85656
CCB	CCB	30mL	MP85657
CRI	CRI	30mL	MP85658
CHK STD	CHK STD	30mL	MP85659

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/13/25 @ 9:45	MB - M3 - L4	MB - M3 - L4
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB167983BL	PBS983	0.52	35	NA	N/A	3-18
PB167983BS	LCS983	0.59	35	NA	MP85647	19
Q2010-01	TP-10	0.55	35	NA	N/A	20
Q2010-02	TP-13	0.56	35	NA	N/A	21
Q2010-03	TP-14	0.55	35	NA	N/A	22
Q2010-04	TP-17	0.54	35	NA	N/A	23
Q2014-01	MOO-25-0134	0.53	35	NA	N/A	24
Q2014-03	MOO-25-0145	0.51	35	NA	N/A	25
Q2014-05	MOO-25-0148	0.53	35	NA	N/A	26
Q2017-01	MH-I	0.58	35	NA	N/A	27
Q2017-05	MH-J	0.57	35	NA	N/A	28
Q2017-05DUP	MH-JDUP	0.54	35	NA	N/A	29
Q2017-05MS	MH-JMS	0.55	35	NA	MP85647	30
Q2017-05MSD	MH-JMSD	0.59	35	NA	MP85647	31

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 051225_7471B WorkList ID : 189465 Department : Digestion Date : 05-12-2025 14:07:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2010-01	TP-10	Solid	Mercury	Cool 4 deg C	CAMP02	L51	05/08/2025	7471B
Q2010-02	TP-13	Solid	Mercury	Cool 4 deg C	CAMP02	L51	05/08/2025	7471B
Q2010-03	TP-14	Solid	Mercury	Cool 4 deg C	CAMP02	L51	05/08/2025	7471B
Q2010-04	TP-17	Solid	Mercury	Cool 4 deg C	CAMP02	L51	05/08/2025	7471B
Q2014-01	MOO-25-0134	Solid	Mercury	Cool 4 deg C	PSEG03	L41	05/12/2025	7471B
Q2014-03	MOO-25-0145	Solid	Mercury	Cool 4 deg C	PSEG03	L41	05/12/2025	7471B
Q2014-05	MOO-25-0148	Solid	Mercury	Cool 4 deg C	PSEG03	L41	05/12/2025	7471B
Q2017-01	MH-I	Solid	Mercury	Cool 4 deg C	PSEG03	L41	05/12/2025	7471B
Q2017-05	MH-J	Solid	Mercury	Cool 4 deg C	PSEG03	L41	05/12/2025	7471B

Date/Time 5/13/25 07:58
 Raw Sample Received by: MS-DIG
 Raw Sample Relinquished by: MS-DIG

Date/Time 5/13/25 08:55
 Raw Sample Received by: MS-DIG
 Raw Sample Relinquished by: MS-DIG



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 05/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135730

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
Q2001-02	WC-A4-03-C	31	1.15	10.09	11.24	9.13	79.1	
Q2001-06	WC-A1-05-C	32	1.15	10.00	11.15	9.16	80.1	
Q2001-10	WC-A1-06-C	33	1.16	10.23	11.39	9.58	82.3	
Q2001-14	WC-A1-07-C	34	1.18	10.28	11.46	9.56	81.5	
Q2007-01	OR-636-COMP-10	1	1.15	10.52	11.67	10.25	86.5	
Q2007-02	OR-636-VOC-10	2	1.14	10.54	11.68	9.57	80.0	
Q2007-03	OR-636-28	3	1.19	10.56	11.75	10.3	86.3	
Q2007-04	OR-636-29	4	1.16	10.61	11.77	9.7	80.5	
Q2007-05	OR-636-30	5	1.13	10.16	11.29	10.42	91.4	
Q2007-07	OR-636-COMP-11	6	1.16	9.92	11.08	9.87	87.8	
Q2007-08	OR-636-VOC-11	7	1.12	11.24	12.36	10.96	87.5	
Q2007-09	OR-636-31	8	1.13	10.43	11.56	11.02	94.8	
Q2007-10	OR-636-32	9	1.18	10.36	11.54	10.33	88.3	
Q2007-11	OR-636-33	10	1.19	10.66	11.85	10.34	85.8	
Q2007-13	OR-636-COMP-12	11	1.16	10.06	11.22	11.2	99.8	
Q2007-14	OR-636-VOC-12	12	1.12	10.07	11.19	10.3	91.2	
Q2007-15	OR-636-34	13	1.13	10.72	11.85	11.00	92.1	
Q2007-16	OR-636-35	14	1.19	10.74	11.93	10.72	88.7	
Q2007-17	OR-636-36	15	1.19	10.53	11.72	10.92	92.4	
Q2007-19	OR-636-COMP-13	16	1.16	10.73	11.89	10.85	90.3	
Q2007-20	OR-636-VOC-13	17	1.13	10.05	11.18	10.16	89.9	
Q2007-21	OR-636-37	18	1.13	10.13	11.26	10.6	93.5	
Q2007-22	OR-636-38	19	1.17	10.08	11.25	10.47	92.3	
Q2007-23	OR-636-39	20	1.18	9.72	10.9	9.88	89.5	
Q2007-25	OR-636-COMP-14	21	1.13	9.93	11.06	10.31	92.4	
Q2007-26	OR-636-VOC-14	22	1.19	10.04	11.23	10.58	93.5	
Q2007-27	OR-636-40	23	1.18	10.40	11.58	10.9	93.5	
Q2007-28	OR-636-41	24	1.19	9.98	11.17	10.2	90.3	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 05/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:25
Out Date: 05/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135730

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
Q2007-29	OR-636-42	25	1.12	10.00	11.12	10.02	89.0	
Q2007-31	OR-636-COMP-15	26	1.15	9.45	10.6	9.81	91.6	
Q2007-32	OR-636-VOC-15	27	1.15	10.02	11.17	10.38	92.1	
Q2007-33	OR-636-43	28	1.16	9.80	10.96	9.96	89.8	
Q2007-34	OR-636-44	29	1.13	10.05	11.18	9.98	88.1	
Q2007-35	OR-636-45	30	1.13	10.62	11.75	10.62	89.4	
Q2010-01	TP-10	35	1.19	9.95	11.14	10.47	93.3	
Q2010-02	TP-13	36	1.19	9.93	11.12	9.57	84.4	
Q2010-03	TP-14	37	1.18	10.15	11.33	9.37	80.7	
Q2010-04	TP-17	38	1.16	10.80	11.96	9.52	77.4	
Q2014-01	MOO-25-0134	39	1.14	10.18	11.32	10.36	90.6	
Q2014-02	MOO-25-0134-E2	40	1.13	10.84	11.97	10.86	89.8	
Q2014-03	MOO-25-0145	41	1.19	9.98	11.17	10.88	97.1	
Q2014-04	MOO-25-0145-E2	42	1.13	9.96	11.09	10.9	98.1	
Q2014-05	MOO-25-0148	43	1.18	10.07	11.25	10.16	89.2	
Q2014-06	MOO-25-0148-E2	44	1.17	10.25	11.42	10.35	89.6	
Q2015-01	BC216248-1-1	45	1.00	1.00	2.00	2.00	100.0	pilc
Q2015-02	BC216248-1-2	46	1.00	1.00	2.00	2.00	100.0	pilc
Q2015-03	BC226007-1-1	47	1.00	1.00	2.00	2.00	100.0	pilc
Q2015-04	BC226007-1-2	48	1.00	1.00	2.00	2.00	100.0	pilc
Q2017-01	MH-I	49	1.18	10.30	11.48	9.84	84.1	
Q2017-02	MH-I-EPH	50	1.17	10.30	11.47	9.72	83.0	
Q2017-03	MH-I-VOC	51	1.16	10.41	11.57	9.76	82.6	
Q2017-05	MH-J	52	1.18	10.09	11.27	9.54	82.9	
Q2017-06	MH-J-EPH	53	1.12	10.86	11.98	10.47	86.1	
Q2017-07	MH-J-VOC	54	1.19	10.30	11.49	10.3	88.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

135730

WorkList Name : %1-051225

WorkList ID : 189428

Department : Wet-Chemistry

Date : 05-12-2025 08:00:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2001-02	WC-A4-03-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	L61	05/06/2025	Chemtech -SO
Q2001-06	WC-A1-05-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	L61	05/07/2025	Chemtech -SO
Q2001-10	WC-A1-06-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	L61	05/08/2025	Chemtech -SO
Q2001-14	WC-A1-07-C	Solid	Percent Solids	Cool 4 deg C	ENTA05	L61	05/08/2025	Chemtech -SO
Q2007-01	OR-636-COMP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-02	OR-636-VOC-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-03	OR-636-28	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-04	OR-636-29	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-05	OR-636-30	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-07	OR-636-COMP-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-08	OR-636-VOC-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-09	OR-636-31	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-10	OR-636-32	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-11	OR-636-33	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-13	OR-636-COMP-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-14	OR-636-VOC-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-15	OR-636-34	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-16	OR-636-35	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-17	OR-636-36	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-19	OR-636-COMP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-20	OR-636-VOC-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO

Date/Time 05/12/25 15:10

Raw Sample Received by: 80 wgh

Raw Sample Relinquished by: 80 wgh

Date/Time 05/12/25

Raw Sample Received by: 80 wgh

Raw Sample Relinquished by: 80 wgh

WORKLIST(Hardcopy Internal Chain)

135430

WorkList Name : %1-051225

WorkList ID : 189428

Department : Wet-Chemistry

Date : 05-12-2025 08:00:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2007-21	OR-636-37	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-22	OR-636-38	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-23	OR-636-39	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-25	OR-636-COMP-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-26	OR-636-VOC-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-27	OR-636-40	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-28	OR-636-41	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-29	OR-636-42	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-31	OR-636-COMP-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-32	OR-636-VOC-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-33	OR-636-43	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-34	OR-636-44	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2007-35	OR-636-45	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2010-01	TP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2010-02	TP-13	Solid	Percent Solids	Cool 4 deg C	CAMP02	L51	05/08/2025	Chemtech -SO
Q2010-03	TP-14	Solid	Percent Solids	Cool 4 deg C	CAMP02	L51	05/08/2025	Chemtech -SO
Q2010-04	TP-17	Solid	Percent Solids	Cool 4 deg C	CAMP02	L51	05/08/2025	Chemtech -SO
Q2014-01	MOO-25-0134	Solid	Percent Solids	Cool 4 deg C	CAMP02	L51	05/08/2025	Chemtech -SO
Q2014-02	MOO-25-0134-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2014-03	MOO-25-0145	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2014-04	MOO-25-0145-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO

Date/Time 05/12/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/12/25 17:15

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

7795730

WorkList Name : %1-051225

WorkList ID : 189428

Department : Wet-Chemistry

Date : 05-12-2025 08:00:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2014-05	MOO-25-0148	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2014-06	MOO-25-0148-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2015-01	BC216248-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/12/2025	Chemtech -SO
Q2015-02	BC216248-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/12/2025	Chemtech -SO
Q2015-03	BC226007-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/12/2025	Chemtech -SO
Q2015-04	BC226007-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/12/2025	Chemtech -SO
Q2017-01	MH-I	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2017-02	MH-I-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2017-03	MH-I-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2017-05	MH-J	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2017-06	MH-J-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO
Q2017-07	MH-J-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/12/2025	Chemtech -SO

Date/Time 05/12/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 05/12/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135751

Review By	MOHAN	Review On	5/14/2025 4:30:17 PM
Supervise By	jaswal	Supervise On	5/14/2025 11:18:04 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85648,MP856749,MP85650,MP85651,MP85652,MP85653		
ICV Standard	MP85654		
CCV Standard	MP85656		
ICSA Standard			
CRI Standard	MP85658		
LCS Standard			
Chk Standard	MP85655,MP85657,MP85659,MP8561		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	05/13/25 10:53		MOHAN	OK
2	S0.2	S0.2	CAL2	05/13/25 10:55		MOHAN	OK
3	S2.5	S2.5	CAL3	05/13/25 10:57		MOHAN	OK
4	S5	S5	CAL4	05/13/25 11:00		MOHAN	OK
5	S7.5	S7.5	CAL5	05/13/25 11:02		MOHAN	OK
6	S10	S10	CAL6	05/13/25 11:04		MOHAN	OK
7	ICV07	ICV07	ICV	05/13/25 11:07		MOHAN	OK
8	ICB07	ICB07	ICB	05/13/25 11:09		MOHAN	OK
9	CCV17	CCV17	CCV	05/13/25 11:12		MOHAN	OK
10	CCB17	CCB17	CCB	05/13/25 11:14		MOHAN	OK
11	CRA	CRA	CRDL	05/13/25 11:16		MOHAN	OK
12	HighStd	HighStd	HIGH STD	05/13/25 11:19		MOHAN	OK
13	ChkStd	ChkStd	SAM	05/13/25 11:21		MOHAN	OK
14	PB167982BL	PB167982BL	MB	05/13/25 11:23		MOHAN	OK
15	PB167982BS	PB167982BS	LCS	05/13/25 11:30		MOHAN	OK
16	Q2004-01	VNJ-220	SAM	05/13/25 11:32		MOHAN	OK
17	Q2004-03	2811	SAM	05/13/25 11:35		MOHAN	OK
18	Q2004-05	R0202	SAM	05/13/25 11:37		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135751

Review By	MOHAN	Review On	5/14/2025 4:30:17 PM
Supervise By	jaswal	Supervise On	5/14/2025 11:18:04 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85648,MP856749,MP85650,MP85651,MP85652,MP85653		
ICV Standard	MP85654		
CCV Standard	MP85656		
ICSA Standard			
CRI Standard	MP85658		
LCS Standard			
Chk Standard	MP85655,MP85657,MP85659,MP85661		

19	Q2004-07	205510	SAM	05/13/25 11:39		MOHAN	OK
20	Q2004-09	SOIL-STOCK	SAM	05/13/25 11:41		MOHAN	OK
21	CCV18	CCV18	CCV	05/13/25 11:44		MOHAN	OK
22	CCB18	CCB18	CCB	05/13/25 11:46		MOHAN	OK
23	Q2004-11	STONE-STOCK	SAM	05/13/25 11:48		MOHAN	OK
24	Q2007-01	OR-636-COMP-10	SAM	05/13/25 11:51		MOHAN	OK
25	Q2007-07	OR-636-COMP-11	SAM	05/13/25 11:53	Hg high	MOHAN	Dilution
26	Q2007-13	OR-636-COMP-12	SAM	05/13/25 11:55		MOHAN	OK
27	Q2007-19	OR-636-COMP-13	SAM	05/13/25 11:58		MOHAN	OK
28	Q2007-25	OR-636-COMP-14	SAM	05/13/25 12:00		MOHAN	OK
29	Q2007-31	OR-636-COMP-15	SAM	05/13/25 12:02		MOHAN	OK
30	Q2007-31DUP	OR-636-COMP-15DU	DUP	05/13/25 12:05		MOHAN	OK
31	Q2007-31MS	OR-636-COMP-15MS	MS	05/13/25 12:10		MOHAN	OK
32	Q2007-31MSD	OR-636-COMP-15MS	MSD	05/13/25 12:14		MOHAN	OK
33	CCV19	CCV19	CCV	05/13/25 12:16		MOHAN	OK
34	CCB19	CCB19	CCB	05/13/25 12:19		MOHAN	OK
35	PB167983BL	PB167983BL	MB	05/13/25 12:21		MOHAN	OK
36	PB167983BS	PB167983BS	LCS	05/13/25 12:23		MOHAN	OK
37	Q2010-01	TP-10	SAM	05/13/25 12:26		MOHAN	OK
38	Q2010-02	TP-13	SAM	05/13/25 12:28		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135751

Review By	MOHAN	Review On	5/14/2025 4:30:17 PM
Supervise By	jaswal	Supervise On	5/14/2025 11:18:04 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85648,MP856749,MP85650,MP85651,MP85652,MP85653		
ICV Standard	MP85654		
CCV Standard	MP85656		
ICSA Standard			
CRI Standard	MP85658		
LCS Standard			
Chk Standard	MP85655,MP85657,MP85659,MP8561		

39	Q2010-03	TP-14	SAM	05/13/25 12:30		MOHAN	OK
40	Q2010-04	TP-17	SAM	05/13/25 12:32		MOHAN	OK
41	Q2014-01	MOO-25-0134	SAM	05/13/25 12:35		MOHAN	OK
42	Q2014-03	MOO-25-0145	SAM	05/13/25 12:37		MOHAN	OK
43	Q2014-05	MOO-25-0148	SAM	05/13/25 12:39		MOHAN	OK
44	Q2017-01	MH-I	SAM	05/13/25 12:42		MOHAN	OK
45	CCV20	CCV20	CCV	05/13/25 12:44		MOHAN	OK
46	CCB20	CCB20	CCB	05/13/25 12:46		MOHAN	OK
47	Q2017-05	MH-J	SAM	05/13/25 12:48		MOHAN	OK
48	Q2017-05DUP	MH-JDUP	DUP	05/13/25 12:51		MOHAN	OK
49	Q2017-05MS	MH-JMS	MS	05/13/25 12:56		MOHAN	OK
50	Q2017-05MSD	MH-JMSD	MSD	05/13/25 12:58		MOHAN	OK
51	Q2007-31L	OR-636-COMP-15L	SD	05/13/25 13:01		MOHAN	OK
52	Q2007-31A	OR-636-COMP-15A	PS	05/13/25 13:03		MOHAN	OK
53	Q2017-05L	MH-JL	SD	05/13/25 13:05		MOHAN	OK
54	Q2017-05A	MH-JA	PS	05/13/25 13:08		MOHAN	OK
55	Q2007-07DL	OR-636-COMP-11DL	SAM	05/13/25 13:15	5X For Hg	MOHAN	Confirms
56	CCV21	CCV21	CCV	05/13/25 13:17		MOHAN	OK
57	CCB21	CCB21	CCB	05/13/25 13:19		MOHAN	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135802

Review By	jaswal	Review On	5/19/2025 11:31:41 AM
Supervise By	Mohan	Supervise On	5/19/2025 11:41:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85546,MP85547,MP85548,MP85549,MP85552		
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	05/16/25 12:22		Kareem	OK
2	S1	S1	CAL2	05/16/25 12:27		Kareem	OK
3	S2	S2	CAL3	05/16/25 12:31		Kareem	OK
4	S3	S3	CAL4	05/16/25 12:35		Kareem	OK
5	S4	S4	CAL5	05/16/25 12:39		Kareem	OK
6	S5	S5	CAL6	05/16/25 12:44		Kareem	OK
7	ICV01	ICV01	ICV	05/16/25 12:48		Kareem	OK
8	LLICV01	LLICV01	LLICV	05/16/25 13:00		Kareem	OK
9	ICB01	ICB01	ICB	05/16/25 13:05		Kareem	OK
10	CRI01	CRI01	CRDL	05/16/25 13:09		Kareem	OK
11	ICSA01	ICSA01	ICSA	05/16/25 13:13		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	05/16/25 13:18		Kareem	OK
13	ICSADL	ICSADL	ICSA	05/16/25 13:22		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	05/16/25 13:26		Kareem	OK
15	CCV01	CCV01	CCV	05/16/25 13:35		Kareem	OK
16	CCB01	CCB01	CCB	05/16/25 13:39		Kareem	OK
17	Q2022-01	336	SAM	05/16/25 13:43		Kareem	OK
18	Q2022-02	COMP-1	SAM	05/16/25 13:48		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135802

Review By	jaswal	Review On	5/19/2025 11:31:41 AM
Supervise By	Mohan	Supervise On	5/19/2025 11:41:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85546,MP85547,MP85548,MP85549,MP85552		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

19	Q2022-04	COMP-2	SAM	05/16/25 13:52		Kareem	OK
20	Q2024-01	PL-02-051325	SAM	05/16/25 13:56		Kareem	OK
21	PB168022BL	PB168022BL	MB	05/16/25 14:00		Kareem	OK
22	PB168022BS	PB168022BS	LCS	05/16/25 14:16		Kareem	OK
23	PB167977BL	PB167977BL	MB	05/16/25 14:20		Kareem	OK
24	PB167977BS	PB167977BS	LCS	05/16/25 14:24		Kareem	OK
25	Q2010-01	TP-10	SAM	05/16/25 14:28		Kareem	OK
26	CCV02	CCV02	CCV	05/16/25 14:36		Kareem	OK
27	CCB02	CCB02	CCB	05/16/25 14:40		Kareem	OK
28	Q2010-02	TP-13	SAM	05/16/25 14:44		Kareem	OK
29	Q2010-03	TP-14	SAM	05/16/25 14:49		Kareem	OK
30	Q2010-04	TP-17	SAM	05/16/25 14:53		Kareem	OK
31	Q2014-01	MOO-25-0134	SAM	05/16/25 14:57		Kareem	OK
32	Q2014-03	MOO-25-0145	SAM	05/16/25 15:01		Kareem	OK
33	Q2014-05	MOO-25-0148	SAM	05/16/25 15:05		Kareem	OK
34	Q2017-01	MH-I	SAM	05/16/25 15:10		Kareem	OK
35	Q2017-05	MH-J	SAM	05/16/25 15:14		Kareem	OK
36	Q2017-05DUP	MH-JDUP	DUP	05/16/25 15:18		Kareem	OK
37	CCV03	CCV03	CCV	05/16/25 15:22		Kareem	OK
38	CCB03	CCB03	CCB	05/16/25 15:26		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135802

Review By	jaswal	Review On	5/19/2025 11:31:41 AM
Supervise By	Mohan	Supervise On	5/19/2025 11:41:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85546,MP85547,MP85548,MP85549,MP85552		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

39	Q2017-05L	MH-JL	SD	05/16/25 15:31		Kareem	OK
40	Q2017-05MS	MH-JMS	MS	05/16/25 15:35		Kareem	OK
41	Q2017-05MSD	MH-JMSD	MSD	05/16/25 15:39		Kareem	OK
42	Q2017-05A	MH-JA	PS	05/16/25 15:43		Kareem	OK
43	Q2019-01	MH-K	SAM	05/16/25 15:47		Kareem	OK
44	Q2020-01	TP-A	SAM	05/16/25 15:51		Kareem	OK
45	Q2023-01	HEATER-PAD	SAM	05/16/25 15:55		Kareem	OK
46	Q2038-01	72-11991	SAM	05/16/25 16:00		Kareem	OK
47	Q2039-01	TR-05-05142025	SAM	05/16/25 16:04		Kareem	OK
48	CCV04	CCV04	CCV	05/16/25 16:08		Kareem	OK
49	CCB04	CCB04	CCB	05/16/25 16:12		Kareem	OK
50	Q2043-01	281	SAM	05/16/25 16:16		Kareem	OK
51	Q2043-03	72-12000	SAM	05/16/25 16:20	Pb high	Kareem	Dilution
52	Q2047-01	SU-04-051425	SAM	05/16/25 16:24		Kareem	OK
53	Q2047-01DUP	SU-04-051425DUP	DUP	05/16/25 16:29		Kareem	OK
54	Q2047-01L	SU-04-051425L	SD	05/16/25 16:33		Kareem	OK
55	Q2047-01MS	SU-04-051425MS	MS	05/16/25 16:37		Kareem	OK
56	Q2047-01MSD	SU-04-051425MSD	MSD	05/16/25 16:41		Kareem	OK
57	Q2047-01A	SU-04-051425A	PS	05/16/25 16:45		Kareem	OK
58	Q2001-11	WC-A1-06-C	SAM	05/16/25 16:49		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135802

Review By	jaswal	Review On	5/19/2025 11:31:41 AM
Supervise By	Mohan	Supervise On	5/19/2025 11:41:44 AM
STD. NAME	STD REF.#		
ICAL Standard	MP85545,MP85546,MP85547,MP85548,MP85549,MP85552		
ICV Standard	MP85553		
CCV Standard	MP85556		
ICSA Standard	MP85554,MP85555		
CRI Standard	MP85552		
LCS Standard			
Chk Standard	MP85557,MP85558		

59	CCV05	CCV05	CCV	05/16/25 16:53		Kareem	OK
60	CCB05	CCB05	CCB	05/16/25 16:58		Kareem	OK
61	Q2001-11DUP	WC-A1-06-CDUP	DUP	05/16/25 17:02		Kareem	OK
62	Q2001-11L	WC-A1-06-CL	SD	05/16/25 17:06		Kareem	OK
63	Q2001-11MS	WC-A1-06-CMS	MS	05/16/25 17:11		Kareem	OK
64	Q2001-11MSD	WC-A1-06-CMSD	MSD	05/16/25 17:15		Kareem	OK
65	Q2001-11A	WC-A1-06-CA	PS	05/16/25 17:19		Kareem	OK
66	CCV06	CCV06	CCV	05/16/25 17:28		Kareem	OK
67	CCB06	CCB06	CCB	05/16/25 17:32		Kareem	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: 732 590 4679 FAX: 732 225 7851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER Wm REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 732 590 4679 FAX: 732 225 7851

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: 732 590 4679

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 _____

TEL VOC
FCL SVOC
TAL METALS
PCB's
PESTICIDES
HERBICIDES
DDT / GDO

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-10	SOIL		X	5/8/25	0820	6	X	X	X	X	X	X	X			E
2.	TP-13	SOIL		X	5/8/25	1015	6	X	X	X	X	X	X	X			E
3.	TP-14	SOIL		X	5/8/25	1135	6	X	X	X	X	X	X	X			E
4.	TP-17	SOIL		X	5/8/25	1305	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: 1. <i>[Signature]</i>	DATE/TIME: 5/8/25	RECEIVED BY: 1. <i>[Signature]</i> 5-9-25	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
RELINQUISHED BY SAMPLER: 2. <i>[Signature]</i>	DATE/TIME:	RECEIVED BY: 2. <i>[Signature]</i>	Temp 3.2°C Adjustment Factor TD IR Gun #1.
RELINQUISHED BY SAMPLER: 3. <i>[Signature]</i>	DATE/TIME: 1650	RECEIVED BY: 3. <i>[Signature]</i>	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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2010	CAMP02	Order Date : 5/9/2025 4:00:00 PM	Project Mgr : Yazmeen
Client Name : CDM Smith		Project Name : South River WM Replacem	Report Type : Level 1
Client Contact : Marcie Ann Encinas		Receive DateTime : 5/9/2025 4:50:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff : 5/12/2025 10:55:21 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2010-01	TP-10	Solid	05/08/2025	08:20					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2010-02	TP-13	Solid	05/08/2025	10:15					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2010-03	TP-14	Solid	05/08/2025	11:35					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2010-04	TP-17	Solid	05/08/2025	13:05					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By :

Date / Time :


5/12/25 1110

Received By :

Date / Time :


05/12/25 11:10 AM

Storage Area : VOA Refridgerator Room

11:10 AM
FZ 2