

Cover Page

Order ID : Q1698

Project ID : MTA Rockaway Park

Client : Tully Construction Co., Inc.

Lab Sample Number

Q1698-01
Q1698-02
Q1698-03
Q1698-04
Q1698-05
Q1698-06
Q1698-07
Q1698-08
Q1698-09
Q1698-10
Q1698-11
Q1698-12

Client Sample Number

B-9
B-9
B-9
B-9-TPH-2
B-9-TPH-3
B-9-TPH-4
B-10
B-10
B-10
B-10-TPH-2
B-10-TPH-3
B-10-TPH-4

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: 4/8/2025

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 #: Q1698

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: PRATHA PARGHI

Date: 04/08/2025

LAB CHRONICLE

OrderID:	Q1698	OrderDate:	4/2/2025 12:14:00 PM
Client:	Tully Construction Co., Inc.	Project:	MTA Rockaway Park
Contact:	Dean Devoe	Location:	I41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1698-01	B-9	SOIL			04/02/25			04/02/25
			Mercury	7471B		04/07/25	04/07/25	
			Metals ICP-TAL	6010D		04/03/25	04/07/25	
Q1698-02	B-9	TCLP			04/02/25			04/02/25
			TCLP ICP Metals	6010D		04/03/25	04/04/25	
			TCLP Mercury	7470A		04/03/25	04/04/25	
Q1698-07	B-10	SOIL			04/02/25			04/02/25
			Mercury	7471B		04/07/25	04/07/25	
			Metals ICP-TAL	6010D		04/03/25	04/07/25	
Q1698-08	B-10	TCLP			04/02/25			04/02/25
			TCLP ICP Metals	6010D		04/03/25	04/04/25	
			TCLP Mercury	7470A		04/03/25	04/04/25	

Hit Summary Sheet
SW-846

SDG No.: Q1698

Order ID: Q1698

Client: Tully Construction Co., Inc.

Project ID: MTA Rockaway Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-9								
Q1698-01	B-9	SOIL	Aluminum	741		2.11	4.37	mg/Kg
Q1698-01	B-9	SOIL	Antimony	0.19	J	0.13	2.19	mg/Kg
Q1698-01	B-9	SOIL	Arsenic	5.01		0.25	0.87	mg/Kg
Q1698-01	B-9	SOIL	Barium	8.92		0.56	4.37	mg/Kg
Q1698-01	B-9	SOIL	Beryllium	0.14	J	0.010	0.26	mg/Kg
Q1698-01	B-9	SOIL	Cadmium	0.11	J	0.014	0.26	mg/Kg
Q1698-01	B-9	SOIL	Calcium	7120		2.45	87.4	mg/Kg
Q1698-01	B-9	SOIL	Chromium	6.96		0.047	0.44	mg/Kg
Q1698-01	B-9	SOIL	Cobalt	0.72	J	0.051	1.31	mg/Kg
Q1698-01	B-9	SOIL	Copper	25.2		0.41	0.87	mg/Kg
Q1698-01	B-9	SOIL	Iron	2210		2.35	4.37	mg/Kg
Q1698-01	B-9	SOIL	Lead	16.1		0.13	0.53	mg/Kg
Q1698-01	B-9	SOIL	Magnesium	1270		3.00	87.4	mg/Kg
Q1698-01	B-9	SOIL	Manganese	34.8		0.062	0.87	mg/Kg
Q1698-01	B-9	SOIL	Mercury	0.029		0.0070	0.013	mg/Kg
Q1698-01	B-9	SOIL	Nickel	2.25		0.079	1.75	mg/Kg
Q1698-01	B-9	SOIL	Potassium	120		25.1	87.4	mg/Kg
Q1698-01	B-9	SOIL	Vanadium	2.94		0.24	1.75	mg/Kg
Q1698-01	B-9	SOIL	Zinc	43.0		0.096	1.75	mg/Kg
Client ID : B-10								
Q1698-07	B-10	SOIL	Aluminum	937		2.28	4.74	mg/Kg
Q1698-07	B-10	SOIL	Antimony	0.36	J	0.14	2.37	mg/Kg
Q1698-07	B-10	SOIL	Arsenic	2.20		0.28	0.95	mg/Kg
Q1698-07	B-10	SOIL	Barium	17.3		0.61	4.74	mg/Kg
Q1698-07	B-10	SOIL	Beryllium	0.12	J	0.011	0.28	mg/Kg
Q1698-07	B-10	SOIL	Cadmium	0.13	J	0.015	0.28	mg/Kg
Q1698-07	B-10	SOIL	Calcium	6480		2.65	94.7	mg/Kg
Q1698-07	B-10	SOIL	Chromium	8.91		0.051	0.47	mg/Kg
Q1698-07	B-10	SOIL	Cobalt	1.23	J	0.055	1.42	mg/Kg
Q1698-07	B-10	SOIL	Copper	29.4		0.45	0.95	mg/Kg
Q1698-07	B-10	SOIL	Iron	3590		2.55	4.74	mg/Kg
Q1698-07	B-10	SOIL	Lead	42.5		0.14	0.57	mg/Kg
Q1698-07	B-10	SOIL	Magnesium	805		3.25	94.7	mg/Kg
Q1698-07	B-10	SOIL	Manganese	47.6		0.067	0.95	mg/Kg
Q1698-07	B-10	SOIL	Mercury	0.059		0.0070	0.013	mg/Kg
Q1698-07	B-10	SOIL	Nickel	3.60		0.085	1.89	mg/Kg
Q1698-07	B-10	SOIL	Potassium	157		27.2	94.7	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q1698

Order ID: Q1698

Client: Tully Construction Co., Inc.

Project ID: MTA Rockaway Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1698-07	B-10	SOIL	Vanadium	4.20		0.26	1.89	mg/Kg
Q1698-07	B-10	SOIL	Zinc	51.6		0.10	1.89	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-9	SDG No.:	Q1698
Lab Sample ID:	Q1698-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	741		1	2.11	4.37	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-36-0	Antimony	0.19	JN	1	0.13	2.19	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-38-2	Arsenic	5.01		1	0.25	0.87	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-39-3	Barium	8.92		1	0.56	4.37	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-41-7	Beryllium	0.14	J	1	0.010	0.26	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-43-9	Cadmium	0.11	J	1	0.014	0.26	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-70-2	Calcium	7120		1	2.45	87.4	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-47-3	Chromium	6.96		1	0.047	0.44	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-48-4	Cobalt	0.72	J	1	0.051	1.31	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-50-8	Copper	25.2		1	0.41	0.87	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7439-89-6	Iron	2210		1	2.35	4.37	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7439-92-1	Lead	16.1		1	0.13	0.53	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7439-95-4	Magnesium	1270		1	3.00	87.4	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7439-96-5	Manganese	34.8		1	0.062	0.87	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7439-97-6	Mercury	0.029	N	1	0.0070	0.013	mg/Kg	04/07/25 08:44	04/07/25 13:57	SW7471B	
7440-02-0	Nickel	2.25		1	0.079	1.75	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-09-7	Potassium	120		1	25.1	87.4	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7782-49-2	Selenium	0.29	U	1	0.29	0.87	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-22-4	Silver	0.045	U	1	0.045	0.44	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-23-5	Sodium	31.6	U	1	31.6	87.4	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-28-0	Thallium	0.39	U	1	0.39	1.75	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-62-2	Vanadium	2.94		1	0.24	1.75	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	SW3050
7440-66-6	Zinc	43.0		1	0.096	1.75	mg/Kg	04/03/25 09:05	04/07/25 14:51	SW6010	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:	Tully Construction Co., Inc.	Date Collected:	04/02/25
Project:	MTA Rockaway Park	Date Received:	04/02/25
Client Sample ID:	B-10	SDG No.:	Q1698
Lab Sample ID:	Q1698-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	937		1	2.28	4.74	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-36-0	Antimony	0.36	JN	1	0.14	2.37	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-38-2	Arsenic	2.20		1	0.28	0.95	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-39-3	Barium	17.3		1	0.61	4.74	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-41-7	Beryllium	0.12	J	1	0.011	0.28	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-43-9	Cadmium	0.13	J	1	0.015	0.28	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-70-2	Calcium	6480		1	2.65	94.7	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-47-3	Chromium	8.91		1	0.051	0.47	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-48-4	Cobalt	1.23	J	1	0.055	1.42	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-50-8	Copper	29.4		1	0.45	0.95	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7439-89-6	Iron	3590		1	2.55	4.74	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7439-92-1	Lead	42.5		1	0.14	0.57	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7439-95-4	Magnesium	805		1	3.25	94.7	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7439-96-5	Manganese	47.6		1	0.067	0.95	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7439-97-6	Mercury	0.059	N	1	0.0070	0.013	mg/Kg	04/07/25 08:44	04/07/25 13:59	SW7471B	
7440-02-0	Nickel	3.60		1	0.085	1.89	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-09-7	Potassium	157		1	27.2	94.7	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7782-49-2	Selenium	0.31	U	1	0.31	0.95	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-22-4	Silver	0.049	U	1	0.049	0.47	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-23-5	Sodium	34.2	U	1	34.2	94.7	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-28-0	Thallium	0.42	U	1	0.42	1.89	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-62-2	Vanadium	4.20		1	0.26	1.89	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050
7440-66-6	Zinc	51.6		1	0.10	1.89	mg/Kg	04/03/25 09:05	04/07/25 14:55	SW6010	SW3050

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
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
ICV79	Mercury	3.65	4.0	91	90 - 110	CV	04/07/2025	13:29	LB135320

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
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
CCV39	Mercury	5.15	5.0	103	90 - 110	CV	04/07/2025	13:34	LB135320
CCV40	Mercury	5.14	5.0	103	90 - 110	CV	04/07/2025	14:02	LB135320
CCV41	Mercury	4.88	5.0	98	90 - 110	CV	04/07/2025	14:35	LB135320

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. SDG No.: Q1698
Contract: TULL02 Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698
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	2400	2500	96	95 - 105	P	04/07/2025	12:35	LB135333
	Antimony	1020	1000	102	95 - 105	P	04/07/2025	12:35	LB135333
	Arsenic	999	1000	100	95 - 105	P	04/07/2025	12:35	LB135333
	Barium	505	520	97	95 - 105	P	04/07/2025	12:35	LB135333
	Beryllium	535	510	105	95 - 105	P	04/07/2025	12:35	LB135333
	Cadmium	495	510	97	95 - 105	P	04/07/2025	12:35	LB135333
	Calcium	10300	10000	103	95 - 105	P	04/07/2025	12:35	LB135333
	Chromium	523	520	101	95 - 105	P	04/07/2025	12:35	LB135333
	Cobalt	506	520	97	95 - 105	P	04/07/2025	12:35	LB135333
	Copper	521	510	102	95 - 105	P	04/07/2025	12:35	LB135333
	Iron	9720	10000	97	95 - 105	P	04/07/2025	12:35	LB135333
	Lead	977	1000	98	95 - 105	P	04/07/2025	12:35	LB135333
	Magnesium	6160	6000	103	95 - 105	P	04/07/2025	12:35	LB135333
	Manganese	515	520	99	95 - 105	P	04/07/2025	12:35	LB135333
	Nickel	508	530	96	95 - 105	P	04/07/2025	12:35	LB135333
	Potassium	9430	9900	95	95 - 105	P	04/07/2025	12:35	LB135333
	Selenium	1030	1000	103	95 - 105	P	04/07/2025	12:35	LB135333
	Silver	242	250	97	95 - 105	P	04/07/2025	12:35	LB135333
	Sodium	10400	10000	104	95 - 105	P	04/07/2025	12:35	LB135333
	Thallium	1040	1000	104	95 - 105	P	04/07/2025	12:35	LB135333
	Vanadium	507	500	101	95 - 105	P	04/07/2025	12:35	LB135333
	Zinc	1010	1000	101	95 - 105	P	04/07/2025	12:35	LB135333

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. SDG No.: Q1698
Contract: TULL02 Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698
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	105	100	105	80 - 120	P	04/07/2025	13:00	LB135333
	Antimony	52.7	50.0	105	80 - 120	P	04/07/2025	13:00	LB135333
	Arsenic	23.6	20.0	118	80 - 120	P	04/07/2025	13:00	LB135333
	Barium	89.6	100	90	80 - 120	P	04/07/2025	13:00	LB135333
	Beryllium	5.68	6.0	95	80 - 120	P	04/07/2025	13:00	LB135333
	Cadmium	5.74	6.0	96	80 - 120	P	04/07/2025	13:00	LB135333
	Calcium	1910	2000	95	80 - 120	P	04/07/2025	13:00	LB135333
	Chromium	9.71	10.0	97	80 - 120	P	04/07/2025	13:00	LB135333
	Cobalt	29.2	30.0	97	80 - 120	P	04/07/2025	13:00	LB135333
	Copper	22.1	20.0	110	80 - 120	P	04/07/2025	13:00	LB135333
	Iron	93.7	100	94	80 - 120	P	04/07/2025	13:00	LB135333
	Lead	11.1	12.0	93	80 - 120	P	04/07/2025	13:00	LB135333
	Magnesium	2010	2000	100	80 - 120	P	04/07/2025	13:00	LB135333
	Manganese	20.7	20.0	104	80 - 120	P	04/07/2025	13:00	LB135333
	Nickel	39.3	40.0	98	80 - 120	P	04/07/2025	13:00	LB135333
	Potassium	1750	2000	87	80 - 120	P	04/07/2025	13:00	LB135333
	Selenium	19.6	20.0	98	80 - 120	P	04/07/2025	13:00	LB135333
	Silver	10.4	10.0	104	80 - 120	P	04/07/2025	13:00	LB135333
	Sodium	1990	2000	100	80 - 120	P	04/07/2025	13:00	LB135333
	Thallium	40.7	40.0	102	80 - 120	P	04/07/2025	13:00	LB135333
	Vanadium	38.8	40.0	97	80 - 120	P	04/07/2025	13:00	LB135333
	Zinc	41.5	40.0	104	80 - 120	P	04/07/2025	13:00	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
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	9830	10000	98	90 - 110	P	04/07/2025	13:42	LB135333
	Antimony	5040	5000	101	90 - 110	P	04/07/2025	13:42	LB135333
	Arsenic	5000	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Barium	9860	10000	99	90 - 110	P	04/07/2025	13:42	LB135333
	Beryllium	249	250	100	90 - 110	P	04/07/2025	13:42	LB135333
	Cadmium	2480	2500	99	90 - 110	P	04/07/2025	13:42	LB135333
	Calcium	24500	25000	98	90 - 110	P	04/07/2025	13:42	LB135333
	Chromium	1010	1000	101	90 - 110	P	04/07/2025	13:42	LB135333
	Cobalt	2480	2500	99	90 - 110	P	04/07/2025	13:42	LB135333
	Copper	1260	1250	101	90 - 110	P	04/07/2025	13:42	LB135333
	Iron	4980	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Lead	4970	5000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Magnesium	24400	25000	98	90 - 110	P	04/07/2025	13:42	LB135333
	Manganese	2450	2500	98	90 - 110	P	04/07/2025	13:42	LB135333
	Nickel	2490	2500	100	90 - 110	P	04/07/2025	13:42	LB135333
	Potassium	24900	25000	100	90 - 110	P	04/07/2025	13:42	LB135333
	Selenium	5030	5000	101	90 - 110	P	04/07/2025	13:42	LB135333
	Silver	1260	1250	101	90 - 110	P	04/07/2025	13:42	LB135333
	Sodium	24800	25000	99	90 - 110	P	04/07/2025	13:42	LB135333
	Thallium	5100	5000	102	90 - 110	P	04/07/2025	13:42	LB135333
	Vanadium	2460	2500	98	90 - 110	P	04/07/2025	13:42	LB135333
	Zinc	2520	2500	101	90 - 110	P	04/07/2025	13:42	LB135333
CCV02	Aluminum	9500	10000	95	90 - 110	P	04/07/2025	15:07	LB135333
	Antimony	4900	5000	98	90 - 110	P	04/07/2025	15:07	LB135333
	Arsenic	4840	5000	97	90 - 110	P	04/07/2025	15:07	LB135333
	Barium	9880	10000	99	90 - 110	P	04/07/2025	15:07	LB135333
	Beryllium	236	250	94	90 - 110	P	04/07/2025	15:07	LB135333
	Cadmium	2420	2500	97	90 - 110	P	04/07/2025	15:07	LB135333
	Calcium	23900	25000	96	90 - 110	P	04/07/2025	15:07	LB135333
	Chromium	976	1000	98	90 - 110	P	04/07/2025	15:07	LB135333
	Cobalt	2410	2500	96	90 - 110	P	04/07/2025	15:07	LB135333
	Copper	1230	1250	98	90 - 110	P	04/07/2025	15:07	LB135333
	Iron	4990	5000	100	90 - 110	P	04/07/2025	15:07	LB135333
	Lead	4830	5000	97	90 - 110	P	04/07/2025	15:07	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
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	23500	25000	94	90 - 110	P	04/07/2025	15:07	LB135333
	Manganese	2390	2500	96	90 - 110	P	04/07/2025	15:07	LB135333
	Nickel	2420	2500	97	90 - 110	P	04/07/2025	15:07	LB135333
	Potassium	25000	25000	100	90 - 110	P	04/07/2025	15:07	LB135333
	Selenium	4870	5000	97	90 - 110	P	04/07/2025	15:07	LB135333
	Silver	1230	1250	98	90 - 110	P	04/07/2025	15:07	LB135333
	Sodium	25200	25000	101	90 - 110	P	04/07/2025	15:07	LB135333
	Thallium	4910	5000	98	90 - 110	P	04/07/2025	15:07	LB135333
	Vanadium	2410	2500	96	90 - 110	P	04/07/2025	15:07	LB135333
	Zinc	2450	2500	98	90 - 110	P	04/07/2025	15:07	LB135333
CCV03	Aluminum	9610	10000	96	90 - 110	P	04/07/2025	15:41	LB135333
	Antimony	5080	5000	102	90 - 110	P	04/07/2025	15:41	LB135333
	Arsenic	5040	5000	101	90 - 110	P	04/07/2025	15:41	LB135333
	Barium	9810	10000	98	90 - 110	P	04/07/2025	15:41	LB135333
	Beryllium	234	250	94	90 - 110	P	04/07/2025	15:41	LB135333
	Cadmium	2470	2500	99	90 - 110	P	04/07/2025	15:41	LB135333
	Calcium	23700	25000	95	90 - 110	P	04/07/2025	15:41	LB135333
	Chromium	1020	1000	102	90 - 110	P	04/07/2025	15:41	LB135333
	Cobalt	2470	2500	99	90 - 110	P	04/07/2025	15:41	LB135333
	Copper	1270	1250	101	90 - 110	P	04/07/2025	15:41	LB135333
	Iron	5170	5000	103	90 - 110	P	04/07/2025	15:41	LB135333
	Lead	4970	5000	99	90 - 110	P	04/07/2025	15:41	LB135333
	Magnesium	23600	25000	94	90 - 110	P	04/07/2025	15:41	LB135333
	Manganese	2350	2500	94	90 - 110	P	04/07/2025	15:41	LB135333
	Nickel	2480	2500	99	90 - 110	P	04/07/2025	15:41	LB135333
	Potassium	26100	25000	104	90 - 110	P	04/07/2025	15:41	LB135333
	Selenium	5100	5000	102	90 - 110	P	04/07/2025	15:41	LB135333
	Silver	1270	1250	102	90 - 110	P	04/07/2025	15:41	LB135333
	Sodium	25900	25000	104	90 - 110	P	04/07/2025	15:41	LB135333
	Thallium	5060	5000	101	90 - 110	P	04/07/2025	15:41	LB135333
	Vanadium	2400	2500	96	90 - 110	P	04/07/2025	15:41	LB135333
	Zinc	2530	2500	101	90 - 110	P	04/07/2025	15:41	LB135333
CCV04	Aluminum	9620	10000	96	90 - 110	P	04/07/2025	17:00	LB135333
	Antimony	4990	5000	100	90 - 110	P	04/07/2025	17:00	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. SDG No.: Q1698
Contract: TULL02 Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698
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	4920	5000	98	90 - 110	P	04/07/2025	17:00	LB135333
	Barium	9750	10000	98	90 - 110	P	04/07/2025	17:00	LB135333
	Beryllium	245	250	98	90 - 110	P	04/07/2025	17:00	LB135333
	Cadmium	2450	2500	98	90 - 110	P	04/07/2025	17:00	LB135333
	Calcium	24100	25000	96	90 - 110	P	04/07/2025	17:00	LB135333
	Chromium	991	1000	99	90 - 110	P	04/07/2025	17:00	LB135333
	Cobalt	2440	2500	98	90 - 110	P	04/07/2025	17:00	LB135333
	Copper	1250	1250	100	90 - 110	P	04/07/2025	17:00	LB135333
	Iron	4960	5000	99	90 - 110	P	04/07/2025	17:00	LB135333
	Lead	4900	5000	98	90 - 110	P	04/07/2025	17:00	LB135333
	Magnesium	23800	25000	95	90 - 110	P	04/07/2025	17:00	LB135333
	Manganese	2420	2500	97	90 - 110	P	04/07/2025	17:00	LB135333
	Nickel	2450	2500	98	90 - 110	P	04/07/2025	17:00	LB135333
	Potassium	25000	25000	100	90 - 110	P	04/07/2025	17:00	LB135333
	Selenium	4990	5000	100	90 - 110	P	04/07/2025	17:00	LB135333
	Silver	1250	1250	100	90 - 110	P	04/07/2025	17:00	LB135333
	Sodium	25300	25000	101	90 - 110	P	04/07/2025	17:00	LB135333
	Thallium	4940	5000	99	90 - 110	P	04/07/2025	17:00	LB135333
	Vanadium	2420	2500	97	90 - 110	P	04/07/2025	17:00	LB135333
	Zinc	2490	2500	100	90 - 110	P	04/07/2025	17:00	LB135333
CCV05	Aluminum	9600	10000	96	90 - 110	P	04/07/2025	17:43	LB135333
	Antimony	4920	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Arsenic	4880	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Barium	9580	10000	96	90 - 110	P	04/07/2025	17:43	LB135333
	Beryllium	251	250	100	90 - 110	P	04/07/2025	17:43	LB135333
	Cadmium	2430	2500	97	90 - 110	P	04/07/2025	17:43	LB135333
	Calcium	23700	25000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Chromium	989	1000	99	90 - 110	P	04/07/2025	17:43	LB135333
	Cobalt	2420	2500	97	90 - 110	P	04/07/2025	17:43	LB135333
	Copper	1240	1250	99	90 - 110	P	04/07/2025	17:43	LB135333
	Iron	4760	5000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Lead	4840	5000	97	90 - 110	P	04/07/2025	17:43	LB135333
	Magnesium	23800	25000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Manganese	2370	2500	95	90 - 110	P	04/07/2025	17:43	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Tully Construction Co., Inc. **SDG No.:** Q1698

Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698

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	2430	2500	97	90 - 110	P	04/07/2025	17:43	LB135333
	Potassium	23700	25000	95	90 - 110	P	04/07/2025	17:43	LB135333
	Selenium	4900	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Silver	1240	1250	99	90 - 110	P	04/07/2025	17:43	LB135333
	Sodium	23500	25000	94	90 - 110	P	04/07/2025	17:43	LB135333
	Thallium	4910	5000	98	90 - 110	P	04/07/2025	17:43	LB135333
	Vanadium	2400	2500	96	90 - 110	P	04/07/2025	17:43	LB135333
	Zinc	2470	2500	99	90 - 110	P	04/07/2025	17:43	LB135333
CCV06	Aluminum	9570	10000	96	90 - 110	P	04/07/2025	18:51	LB135333
	Antimony	5000	5000	100	90 - 110	P	04/07/2025	18:51	LB135333
	Arsenic	4930	5000	99	90 - 110	P	04/07/2025	18:51	LB135333
	Barium	9840	10000	98	90 - 110	P	04/07/2025	18:51	LB135333
	Beryllium	235	250	94	90 - 110	P	04/07/2025	18:51	LB135333
	Cadmium	2450	2500	98	90 - 110	P	04/07/2025	18:51	LB135333
	Calcium	23900	25000	96	90 - 110	P	04/07/2025	18:51	LB135333
	Chromium	997	1000	100	90 - 110	P	04/07/2025	18:51	LB135333
	Cobalt	2440	2500	98	90 - 110	P	04/07/2025	18:51	LB135333
	Copper	1260	1250	100	90 - 110	P	04/07/2025	18:51	LB135333
	Iron	5120	5000	102	90 - 110	P	04/07/2025	18:51	LB135333
	Lead	4890	5000	98	90 - 110	P	04/07/2025	18:51	LB135333
	Magnesium	23600	25000	94	90 - 110	P	04/07/2025	18:51	LB135333
	Manganese	2370	2500	95	90 - 110	P	04/07/2025	18:51	LB135333
	Nickel	2450	2500	98	90 - 110	P	04/07/2025	18:51	LB135333
	Potassium	25700	25000	103	90 - 110	P	04/07/2025	18:51	LB135333
	Selenium	4970	5000	99	90 - 110	P	04/07/2025	18:51	LB135333
	Silver	1240	1250	99	90 - 110	P	04/07/2025	18:51	LB135333
	Sodium	25800	25000	103	90 - 110	P	04/07/2025	18:51	LB135333
	Thallium	4940	5000	99	90 - 110	P	04/07/2025	18:51	LB135333
	Vanadium	2410	2500	96	90 - 110	P	04/07/2025	18:51	LB135333
	Zinc	2470	2500	99	90 - 110	P	04/07/2025	18:51	LB135333



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

Metals

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CRDL STANDARD FOR AA & ICP

Client: Tully Construction Co., Inc. SDG No.: Q1698
Contract: TULL02 Lab Code: CHEM Case No.: Q1698 SAS No.: Q1698
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	103	100	103	40 - 160	P	04/07/2025	13:10	LB135333
	Antimony	53.8	50.0	108	40 - 160	P	04/07/2025	13:10	LB135333
	Arsenic	22.8	20.0	114	40 - 160	P	04/07/2025	13:10	LB135333
	Barium	90.6	100	91	40 - 160	P	04/07/2025	13:10	LB135333
	Beryllium	5.67	6.0	94	40 - 160	P	04/07/2025	13:10	LB135333
	Cadmium	5.78	6.0	96	40 - 160	P	04/07/2025	13:10	LB135333
	Calcium	1920	2000	96	40 - 160	P	04/07/2025	13:10	LB135333
	Chromium	9.85	10.0	98	40 - 160	P	04/07/2025	13:10	LB135333
	Cobalt	29.8	30.0	99	40 - 160	P	04/07/2025	13:10	LB135333
	Copper	22.4	20.0	112	40 - 160	P	04/07/2025	13:10	LB135333
	Iron	99.8	100	100	40 - 160	P	04/07/2025	13:10	LB135333
	Lead	11.7	12.0	98	40 - 160	P	04/07/2025	13:10	LB135333
	Magnesium	2030	2000	102	40 - 160	P	04/07/2025	13:10	LB135333
	Manganese	21.2	20.0	106	40 - 160	P	04/07/2025	13:10	LB135333
	Nickel	39.7	40.0	99	40 - 160	P	04/07/2025	13:10	LB135333
	Potassium	1870	2000	94	40 - 160	P	04/07/2025	13:10	LB135333
	Selenium	21.0	20.0	105	40 - 160	P	04/07/2025	13:10	LB135333
	Silver	10.9	10.0	109	40 - 160	P	04/07/2025	13:10	LB135333
	Sodium	1460	2000	73	40 - 160	P	04/07/2025	13:10	LB135333
	Thallium	40.7	40.0	102	40 - 160	P	04/07/2025	13:10	LB135333
	Vanadium	38.2	40.0	95	40 - 160	P	04/07/2025	13:10	LB135333
	Zinc	41.4	40.0	104	40 - 160	P	04/07/2025	13:10	LB135333
CRA	Mercury	0.20	0.2	100	40 - 160	CV	04/07/2025	13:39	LB135320



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

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB79	Mercury	0.20	+/-0.20	U	0.20	CV	04/07/2025	13:32	LB135320

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB39	Mercury	0.20	+/-0.20	U	0.20	CV	04/07/2025	13:36	LB135320
CCB40	Mercury	0.20	+/-0.20	U	0.20	CV	04/07/2025	14:04	LB135320
CCB41	Mercury	0.20	+/-0.20	U	0.20	CV	04/07/2025	14:37	LB135320

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

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	04/07/2025	13:05	LB135333
	Antimony	50.0	+/-50.0	U	50.0	P	04/07/2025	13:05	LB135333
	Arsenic	20.0	+/-20.0	U	20.0	P	04/07/2025	13:05	LB135333
	Barium	100	+/-100	U	100	P	04/07/2025	13:05	LB135333
	Beryllium	6.00	+/-6.00	U	6.00	P	04/07/2025	13:05	LB135333
	Cadmium	6.00	+/-6.00	U	6.00	P	04/07/2025	13:05	LB135333
	Calcium	2000	+/-2000	U	2000	P	04/07/2025	13:05	LB135333
	Chromium	10.0	+/-10.0	U	10.0	P	04/07/2025	13:05	LB135333
	Cobalt	30.0	+/-30.0	U	30.0	P	04/07/2025	13:05	LB135333
	Copper	20.0	+/-20.0	U	20.0	P	04/07/2025	13:05	LB135333
	Iron	100	+/-100	U	100	P	04/07/2025	13:05	LB135333
	Lead	12.0	+/-12.0	U	12.0	P	04/07/2025	13:05	LB135333
	Magnesium	2000	+/-2000	U	2000	P	04/07/2025	13:05	LB135333
	Manganese	20.0	+/-20.0	U	20.0	P	04/07/2025	13:05	LB135333
	Nickel	40.0	+/-40.0	U	40.0	P	04/07/2025	13:05	LB135333
	Potassium	2000	+/-2000	U	2000	P	04/07/2025	13:05	LB135333
	Selenium	20.0	+/-20.0	U	20.0	P	04/07/2025	13:05	LB135333
	Silver	10.0	+/-10.0	U	10.0	P	04/07/2025	13:05	LB135333
	Sodium	2000	+/-2000	U	2000	P	04/07/2025	13:05	LB135333
	Thallium	40.0	+/-40.0	U	40.0	P	04/07/2025	13:05	LB135333
	Vanadium	40.0	+/-40.0	U	40.0	P	04/07/2025	13:05	LB135333
	Zinc	40.0	+/-40.0	U	40.0	P	04/07/2025	13:05	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

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	04/07/2025	13:50	LB135333
	Antimony	50.0	+/-50.0	U	50.0	P	04/07/2025	13:50	LB135333
	Arsenic	20.0	+/-20.0	U	20.0	P	04/07/2025	13:50	LB135333
	Barium	100	+/-100	U	100	P	04/07/2025	13:50	LB135333
	Beryllium	6.00	+/-6.00	U	6.00	P	04/07/2025	13:50	LB135333
	Cadmium	6.00	+/-6.00	U	6.00	P	04/07/2025	13:50	LB135333
	Calcium	2000	+/-2000	U	2000	P	04/07/2025	13:50	LB135333
	Chromium	10.0	+/-10.0	U	10.0	P	04/07/2025	13:50	LB135333
	Cobalt	30.0	+/-30.0	U	30.0	P	04/07/2025	13:50	LB135333
	Copper	20.0	+/-20.0	U	20.0	P	04/07/2025	13:50	LB135333
	Iron	100	+/-100	U	100	P	04/07/2025	13:50	LB135333
	Lead	12.0	+/-12.0	U	12.0	P	04/07/2025	13:50	LB135333
	Magnesium	2000	+/-2000	U	2000	P	04/07/2025	13:50	LB135333
	Manganese	20.0	+/-20.0	U	20.0	P	04/07/2025	13:50	LB135333
	Nickel	40.0	+/-40.0	U	40.0	P	04/07/2025	13:50	LB135333
	Potassium	2000	+/-2000	U	2000	P	04/07/2025	13:50	LB135333
	Selenium	20.0	+/-20.0	U	20.0	P	04/07/2025	13:50	LB135333
	Silver	10.0	+/-10.0	U	10.0	P	04/07/2025	13:50	LB135333
	Sodium	2000	+/-2000	U	2000	P	04/07/2025	13:50	LB135333
	Thallium	40.0	+/-40.0	U	40.0	P	04/07/2025	13:50	LB135333
	Vanadium	40.0	+/-40.0	U	40.0	P	04/07/2025	13:50	LB135333
	Zinc	40.0	+/-40.0	U	40.0	P	04/07/2025	13:50	LB135333
CCB02	Aluminum	100	+/-100	U	100	P	04/07/2025	15:12	LB135333
	Antimony	50.0	+/-50.0	U	50.0	P	04/07/2025	15:12	LB135333
	Arsenic	20.0	+/-20.0	U	20.0	P	04/07/2025	15:12	LB135333
	Barium	100	+/-100	U	100	P	04/07/2025	15:12	LB135333
	Beryllium	6.00	+/-6.00	U	6.00	P	04/07/2025	15:12	LB135333
	Cadmium	6.00	+/-6.00	U	6.00	P	04/07/2025	15:12	LB135333
	Calcium	2000	+/-2000	U	2000	P	04/07/2025	15:12	LB135333
	Chromium	10.0	+/-10.0	U	10.0	P	04/07/2025	15:12	LB135333
	Cobalt	30.0	+/-30.0	U	30.0	P	04/07/2025	15:12	LB135333
	Copper	20.0	+/-20.0	U	20.0	P	04/07/2025	15:12	LB135333
	Iron	100	+/-100	U	100	P	04/07/2025	15:12	LB135333
	Lead	12.0	+/-12.0	U	12.0	P	04/07/2025	15:12	LB135333
	Magnesium	2000	+/-2000	U	2000	P	04/07/2025	15:12	LB135333
	Manganese	20.0	+/-20.0	U	20.0	P	04/07/2025	15:12	LB135333
	Nickel	40.0	+/-40.0	U	40.0	P	04/07/2025	15:12	LB135333
	Potassium	2000	+/-2000	U	2000	P	04/07/2025	15:12	LB135333
	Selenium	20.0	+/-20.0	U	20.0	P	04/07/2025	15:12	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

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	04/07/2025	15:12	LB135333
	Sodium	2000	+/-2000	U	2000	P	04/07/2025	15:12	LB135333
	Thallium	40.0	+/-40.0	U	40.0	P	04/07/2025	15:12	LB135333
	Vanadium	40.0	+/-40.0	U	40.0	P	04/07/2025	15:12	LB135333
	Zinc	40.0	+/-40.0	U	40.0	P	04/07/2025	15:12	LB135333
CCB03	Aluminum	100	+/-100	U	100	P	04/07/2025	15:45	LB135333
	Antimony	50.0	+/-50.0	U	50.0	P	04/07/2025	15:45	LB135333
	Arsenic	20.0	+/-20.0	U	20.0	P	04/07/2025	15:45	LB135333
	Barium	100	+/-100	U	100	P	04/07/2025	15:45	LB135333
	Beryllium	6.00	+/-6.00	U	6.00	P	04/07/2025	15:45	LB135333
	Cadmium	6.00	+/-6.00	U	6.00	P	04/07/2025	15:45	LB135333
	Calcium	2000	+/-2000	U	2000	P	04/07/2025	15:45	LB135333
	Chromium	10.0	+/-10.0	U	10.0	P	04/07/2025	15:45	LB135333
	Cobalt	30.0	+/-30.0	U	30.0	P	04/07/2025	15:45	LB135333
	Copper	20.0	+/-20.0	U	20.0	P	04/07/2025	15:45	LB135333
	Iron	100	+/-100	U	100	P	04/07/2025	15:45	LB135333
	Lead	12.0	+/-12.0	U	12.0	P	04/07/2025	15:45	LB135333
	Magnesium	2000	+/-2000	U	2000	P	04/07/2025	15:45	LB135333
	Manganese	20.0	+/-20.0	U	20.0	P	04/07/2025	15:45	LB135333
	Nickel	40.0	+/-40.0	U	40.0	P	04/07/2025	15:45	LB135333
	Potassium	2000	+/-2000	U	2000	P	04/07/2025	15:45	LB135333
	Selenium	20.0	+/-20.0	U	20.0	P	04/07/2025	15:45	LB135333
	Silver	10.0	+/-10.0	U	10.0	P	04/07/2025	15:45	LB135333
	Sodium	2000	+/-2000	U	2000	P	04/07/2025	15:45	LB135333
	Thallium	40.0	+/-40.0	U	40.0	P	04/07/2025	15:45	LB135333
	Vanadium	40.0	+/-40.0	U	40.0	P	04/07/2025	15:45	LB135333
	Zinc	40.0	+/-40.0	U	40.0	P	04/07/2025	15:45	LB135333
CCB04	Aluminum	100	+/-100	U	100	P	04/07/2025	17:04	LB135333
	Antimony	50.0	+/-50.0	U	50.0	P	04/07/2025	17:04	LB135333
	Arsenic	20.0	+/-20.0	U	20.0	P	04/07/2025	17:04	LB135333
	Barium	100	+/-100	U	100	P	04/07/2025	17:04	LB135333
	Beryllium	6.00	+/-6.00	U	6.00	P	04/07/2025	17:04	LB135333
	Cadmium	6.00	+/-6.00	U	6.00	P	04/07/2025	17:04	LB135333
	Calcium	2000	+/-2000	U	2000	P	04/07/2025	17:04	LB135333
	Chromium	10.0	+/-10.0	U	10.0	P	04/07/2025	17:04	LB135333
	Cobalt	30.0	+/-30.0	U	30.0	P	04/07/2025	17:04	LB135333
	Copper	20.0	+/-20.0	U	20.0	P	04/07/2025	17:04	LB135333
	Iron	100	+/-100	U	100	P	04/07/2025	17:04	LB135333
	Lead	12.0	+/-12.0	U	12.0	P	04/07/2025	17:04	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

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	04/07/2025	17:04	LB135333
	Manganese	20.0	+/-20.0	U	20.0	P	04/07/2025	17:04	LB135333
	Nickel	40.0	+/-40.0	U	40.0	P	04/07/2025	17:04	LB135333
	Potassium	2000	+/-2000	U	2000	P	04/07/2025	17:04	LB135333
	Selenium	20.0	+/-20.0	U	20.0	P	04/07/2025	17:04	LB135333
	Silver	10.0	+/-10.0	U	10.0	P	04/07/2025	17:04	LB135333
	Sodium	2000	+/-2000	U	2000	P	04/07/2025	17:04	LB135333
	Thallium	40.0	+/-40.0	U	40.0	P	04/07/2025	17:04	LB135333
	Vanadium	40.0	+/-40.0	U	40.0	P	04/07/2025	17:04	LB135333
	Zinc	40.0	+/-40.0	U	40.0	P	04/07/2025	17:04	LB135333
CCB05	Aluminum	100	+/-100	U	100	P	04/07/2025	17:47	LB135333
	Antimony	50.0	+/-50.0	U	50.0	P	04/07/2025	17:47	LB135333
	Arsenic	20.0	+/-20.0	U	20.0	P	04/07/2025	17:47	LB135333
	Barium	100	+/-100	U	100	P	04/07/2025	17:47	LB135333
	Beryllium	6.00	+/-6.00	U	6.00	P	04/07/2025	17:47	LB135333
	Cadmium	6.00	+/-6.00	U	6.00	P	04/07/2025	17:47	LB135333
	Calcium	2000	+/-2000	U	2000	P	04/07/2025	17:47	LB135333
	Chromium	10.0	+/-10.0	U	10.0	P	04/07/2025	17:47	LB135333
	Cobalt	30.0	+/-30.0	U	30.0	P	04/07/2025	17:47	LB135333
	Copper	20.0	+/-20.0	U	20.0	P	04/07/2025	17:47	LB135333
	Iron	100	+/-100	U	100	P	04/07/2025	17:47	LB135333
	Lead	12.0	+/-12.0	U	12.0	P	04/07/2025	17:47	LB135333
	Magnesium	2000	+/-2000	U	2000	P	04/07/2025	17:47	LB135333
	Manganese	20.0	+/-20.0	U	20.0	P	04/07/2025	17:47	LB135333
	Nickel	40.0	+/-40.0	U	40.0	P	04/07/2025	17:47	LB135333
	Potassium	2000	+/-2000	U	2000	P	04/07/2025	17:47	LB135333
	Selenium	20.0	+/-20.0	U	20.0	P	04/07/2025	17:47	LB135333
	Silver	10.0	+/-10.0	U	10.0	P	04/07/2025	17:47	LB135333
	Sodium	2000	+/-2000	U	2000	P	04/07/2025	17:47	LB135333
	Thallium	40.0	+/-40.0	U	40.0	P	04/07/2025	17:47	LB135333
	Vanadium	40.0	+/-40.0	U	40.0	P	04/07/2025	17:47	LB135333
	Zinc	40.0	+/-40.0	U	40.0	P	04/07/2025	17:47	LB135333
CCB06	Aluminum	100	+/-100	U	100	P	04/07/2025	18:55	LB135333
	Antimony	50.0	+/-50.0	U	50.0	P	04/07/2025	18:55	LB135333
	Arsenic	20.0	+/-20.0	U	20.0	P	04/07/2025	18:55	LB135333
	Barium	100	+/-100	U	100	P	04/07/2025	18:55	LB135333
	Beryllium	6.00	+/-6.00	U	6.00	P	04/07/2025	18:55	LB135333
	Cadmium	6.00	+/-6.00	U	6.00	P	04/07/2025	18:55	LB135333
	Calcium	2000	+/-2000	U	2000	P	04/07/2025	18:55	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698

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	04/07/2025	18:55	LB135333
	Cobalt	30.0	+/-30.0	U	30.0	P	04/07/2025	18:55	LB135333
	Copper	20.0	+/-20.0	U	20.0	P	04/07/2025	18:55	LB135333
	Iron	100	+/-100	U	100	P	04/07/2025	18:55	LB135333
	Lead	12.0	+/-12.0	U	12.0	P	04/07/2025	18:55	LB135333
	Magnesium	2000	+/-2000	U	2000	P	04/07/2025	18:55	LB135333
	Manganese	20.0	+/-20.0	U	20.0	P	04/07/2025	18:55	LB135333
	Nickel	40.0	+/-40.0	U	40.0	P	04/07/2025	18:55	LB135333
	Potassium	2000	+/-2000	U	2000	P	04/07/2025	18:55	LB135333
	Selenium	20.0	+/-20.0	U	20.0	P	04/07/2025	18:55	LB135333
	Silver	10.0	+/-10.0	U	10.0	P	04/07/2025	18:55	LB135333
	Sodium	2000	+/-2000	U	2000	P	04/07/2025	18:55	LB135333
	Thallium	40.0	+/-40.0	U	40.0	P	04/07/2025	18:55	LB135333
	Vanadium	40.0	+/-40.0	U	40.0	P	04/07/2025	18:55	LB135333
	Zinc	40.0	+/-40.0	U	40.0	P	04/07/2025	18:55	LB135333

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167478BL		SOLID		Batch Number:	PB167478		Prep Date:	04/07/2025	
	Mercury	0.013	<0.013	U	0.013	CV	04/07/2025	13:45	LB135320

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB167441BL	SOLID			Batch Number:	PB167441		Prep Date:	04/03/2025	
	Aluminum	4.18	<4.18	U	4.18	P	04/07/2025	17:17	LB135333
	Antimony	2.09	<2.09	U	2.09	P	04/07/2025	17:17	LB135333
	Arsenic	0.84	<0.84	U	0.84	P	04/07/2025	17:17	LB135333
	Barium	4.18	<4.18	U	4.18	P	04/07/2025	17:17	LB135333
	Beryllium	0.25	<0.25	U	0.25	P	04/07/2025	17:17	LB135333
	Cadmium	0.25	<0.25	U	0.25	P	04/07/2025	17:17	LB135333
	Calcium	83.7	<83.7	U	83.7	P	04/07/2025	17:17	LB135333
	Chromium	0.42	<0.42	U	0.42	P	04/07/2025	17:17	LB135333
	Cobalt	1.26	<1.26	U	1.26	P	04/07/2025	17:17	LB135333
	Copper	0.84	<0.84	U	0.84	P	04/07/2025	17:17	LB135333
	Iron	4.18	<4.18	U	4.18	P	04/07/2025	17:17	LB135333
	Lead	0.50	<0.50	U	0.50	P	04/07/2025	17:17	LB135333
	Magnesium	83.7	<83.7	U	83.7	P	04/07/2025	17:17	LB135333
	Manganese	0.071	<0.84	J	0.84	P	04/07/2025	17:17	LB135333
	Nickel	1.67	<1.67	U	1.67	P	04/07/2025	17:17	LB135333
	Potassium	83.7	<83.7	U	83.7	P	04/07/2025	17:17	LB135333
	Selenium	0.84	<0.84	U	0.84	P	04/07/2025	17:17	LB135333
	Silver	0.42	<0.42	U	0.42	P	04/07/2025	17:17	LB135333
	Sodium	83.7	<83.7	U	83.7	P	04/07/2025	17:17	LB135333
	Thallium	1.67	<1.67	U	1.67	P	04/07/2025	17:17	LB135333
	Vanadium	1.67	<1.67	U	1.67	P	04/07/2025	17:17	LB135333
	Zinc	1.67	<1.67	U	1.67	P	04/07/2025	17:17	LB135333

Metals
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INTERFERENCE CHECK SAMPLE

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	244000	255000	96	216000	294000	04/07/2025	13:14	LB135333
	Antimony	2.97			-50	50	04/07/2025	13:14	LB135333
	Arsenic	3.15			-20	20	04/07/2025	13:14	LB135333
	Barium	3.18	6.0	53	-94	106	04/07/2025	13:14	LB135333
	Beryllium	1.55			-6	6	04/07/2025	13:14	LB135333
	Cadmium	1.65	1.0	165	-5	7	04/07/2025	13:14	LB135333
	Calcium	231000	245000	94	208000	282000	04/07/2025	13:14	LB135333
	Chromium	58.6	52.0	113	42	62	04/07/2025	13:14	LB135333
	Cobalt	1.78			-30	30	04/07/2025	13:14	LB135333
	Copper	21.3	2.0	1065	-18	22	04/07/2025	13:14	LB135333
	Iron	101000	101000	100	85600	116500	04/07/2025	13:14	LB135333
	Lead	6.94			-12	12	04/07/2025	13:14	LB135333
	Magnesium	248000	255000	97	216000	294000	04/07/2025	13:14	LB135333
	Manganese	2.93	7.0	42	-13	27	04/07/2025	13:14	LB135333
	Nickel	2.35	2.0	118	-38	42	04/07/2025	13:14	LB135333
	Potassium	-133			0	0	04/07/2025	13:14	LB135333
	Selenium	-16.6			-20	20	04/07/2025	13:14	LB135333
	Silver	-4.96			-10	10	04/07/2025	13:14	LB135333
	Sodium	-262			0	0	04/07/2025	13:14	LB135333
	Thallium	6.03			-40	40	04/07/2025	13:14	LB135333
	Vanadium	5.15			-40	40	04/07/2025	13:14	LB135333
	Zinc	4.53			-40	40	04/07/2025	13:14	LB135333
ICSAB01	Aluminum	238000	247000	96	209000	285000	04/07/2025	13:18	LB135333
	Antimony	619	618	100	525	711	04/07/2025	13:18	LB135333
	Arsenic	109	104	105	88.4	120	04/07/2025	13:18	LB135333
	Barium	478	537	89	437	637	04/07/2025	13:18	LB135333
	Beryllium	456	495	92	420	570	04/07/2025	13:18	LB135333
	Cadmium	987	972	102	826	1120	04/07/2025	13:18	LB135333
	Calcium	229000	235000	97	199000	271000	04/07/2025	13:18	LB135333
	Chromium	555	542	102	460	624	04/07/2025	13:18	LB135333
	Cobalt	502	476	106	404	548	04/07/2025	13:18	LB135333
	Copper	500	511	98	434	588	04/07/2025	13:18	LB135333
	Iron	106000	99300	107	84400	114500	04/07/2025	13:18	LB135333
	Lead	54.7	49.0	112	37	61	04/07/2025	13:18	LB135333
	Magnesium	243000	248000	98	210000	286000	04/07/2025	13:18	LB135333
	Manganese	459	507	90	430	584	04/07/2025	13:18	LB135333
	Nickel	991	954	104	810	1100	04/07/2025	13:18	LB135333
	Potassium	-136			0	0	04/07/2025	13:18	LB135333
	Selenium	41.4	46.0	90	26	66	04/07/2025	13:18	LB135333
	Silver	185	201	92	170	232	04/07/2025	13:18	LB135333
	Sodium	-302			0	0	04/07/2025	13:18	LB135333
	Thallium	102	108	94	68	148	04/07/2025	13:18	LB135333

Metals

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INTERFERENCE CHECK SAMPLE

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
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	456	491	93	417	565	04/07/2025	13:18	LB135333
	Zinc	1030	952	108	809	1095	04/07/2025	13:18	LB135333



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1698-07 **client id:** B-10MS
Percent Solids for Sample: 93.4 **Spiked ID:** Q1698-07MS **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	1210		937		98.2	283		P
Antimony	mg/Kg	75 - 125	24.1		0.36	J	39.3	60	N	P
Arsenic	mg/Kg	75 - 125	35.2		2.20		39.3	84		P
Barium	mg/Kg	75 - 125	26.5		17.3		9.8	93		P
Beryllium	mg/Kg	75 - 125	7.70		0.12	J	9.8	77		P
Cadmium	mg/Kg	75 - 125	8.26		0.13	J	9.8	83		P
Calcium	mg/Kg	75 - 125	6310		6480		49.1	-337		P
Chromium	mg/Kg	75 - 125	27.7		8.91		19.6	96		P
Cobalt	mg/Kg	75 - 125	10.4		1.23	J	9.8	94		P
Copper	mg/Kg	75 - 125	45.8		29.4		14.7	112		P
Iron	mg/Kg	75 - 125	6570		3590		150	1984		P
Lead	mg/Kg	75 - 125	86.8		42.5		49.1	90		P
Magnesium	mg/Kg	75 - 125	749		805		98.2	-57		P
Manganese	mg/Kg	75 - 125	67.7		47.6		9.8	205		P
Nickel	mg/Kg	75 - 125	25.3		3.60		24.6	88		P
Potassium	mg/Kg	75 - 125	694		157		490	109		P
Selenium	mg/Kg	75 - 125	78.0		0.95	U	98.2	79		P
Silver	mg/Kg	75 - 125	3.17		0.47	U	3.7	86		P
Sodium	mg/Kg	75 - 125	150		94.7	U	150	100		P
Thallium	mg/Kg	75 - 125	78.1		1.89	U	98.2	80		P
Vanadium	mg/Kg	75 - 125	17.1		4.20		14.7	88		P
Zinc	mg/Kg	75 - 125	66.2		51.6		9.8	149		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1698-07 **client id:** B-10MSD
Percent Solids for Sample: 93.4 **Spiked ID:** Q1698-07MSD **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	1160		937		93.5	241		P
Antimony	mg/Kg	75 - 125	22.5		0.36	J	37.4	59	N	P
Arsenic	mg/Kg	75 - 125	33.0		2.20		37.4	82		P
Barium	mg/Kg	75 - 125	24.8		17.3		9.4	80		P
Beryllium	mg/Kg	75 - 125	7.73		0.12	J	9.4	81		P
Cadmium	mg/Kg	75 - 125	7.90		0.13	J	9.4	83		P
Calcium	mg/Kg	75 - 125	6010		6480		46.8	-1005		P
Chromium	mg/Kg	75 - 125	25.9		8.91		18.7	91		P
Cobalt	mg/Kg	75 - 125	9.80		1.23	J	9.4	91		P
Copper	mg/Kg	75 - 125	43.7		29.4		14.0	102		P
Iron	mg/Kg	75 - 125	5860		3590		140	1621		P
Lead	mg/Kg	75 - 125	82.0		42.5		46.8	84		P
Magnesium	mg/Kg	75 - 125	721		805		93.5	-89		P
Manganese	mg/Kg	75 - 125	64.8		47.6		9.4	183		P
Nickel	mg/Kg	75 - 125	23.9		3.60		23.4	87		P
Potassium	mg/Kg	75 - 125	616		157		470	98		P
Selenium	mg/Kg	75 - 125	73.3		0.95	U	93.5	78		P
Silver	mg/Kg	75 - 125	2.89		0.47	U	3.5	83		P
Sodium	mg/Kg	75 - 125	128		94.7	U	140	91		P
Thallium	mg/Kg	75 - 125	74.7		1.89	U	93.5	80		P
Vanadium	mg/Kg	75 - 125	16.3		4.20		14.0	87		P
Zinc	mg/Kg	75 - 125	61.9		51.6		9.4	110		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1721-02 **client id:** AU-05-040325MS
Percent Solids for Sample: 87.1 **Spiked ID:** Q1721-02MS **Percent Solids for Spike Sample:** 87.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.24		0.027		0.28	75	N	CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Tully Construction Co., Inc. **level:** low **sdg no.:** Q1698
contract: TULL02 **lab code:** CHEM **case no.:** Q1698 **sas no.:** Q1698
matrix: Solid **sample id:** Q1721-02 **client id:** AU-05-040325MSD
Percent Solids for Sample: 87.1 **Spiked ID:** Q1721-02MSD **Percent Solids for Spike Sample:** 87.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.26		0.027		0.29	79	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
Matrix: Solid **Level:** LOW **Client ID:** B-10A
Sample ID: Q1698-07 **Spiked ID:** Q1698-07A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	37.9		0.36	J	37.9	99		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
Matrix: Solid **Level:** LOW **Client ID:** AU-05-040325A
Sample ID: Q1721-02 **Spiked ID:** Q1721-02A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.28		0.027		0.28	90		CV

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
Matrix: Solid **Sample ID:** Q1698-07 **Client ID:** B-10DUP
Percent Solids for Sample: 93.4 **Duplicate ID** Q1698-07DUP **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	937		993		6		P
Antimony	mg/Kg	20	0.36	J	0.25	J	36		P
Arsenic	mg/Kg	20	2.20		2.31		5		P
Barium	mg/Kg	20	17.3		18.8		8		P
Beryllium	mg/Kg	20	0.12	J	0.12	J	6		P
Cadmium	mg/Kg	20	0.13	J	0.11	J	17		P
Calcium	mg/Kg	20	6480		6740		4		P
Chromium	mg/Kg	20	8.91		9.54		7		P
Cobalt	mg/Kg	20	1.23	J	1.30	J	6		P
Copper	mg/Kg	20	29.4		31.0		5		P
Iron	mg/Kg	20	3590		3990		11		P
Lead	mg/Kg	20	42.5		45.3		6		P
Magnesium	mg/Kg	20	805		760		6		P
Manganese	mg/Kg	20	47.6		50.7		6		P
Nickel	mg/Kg	20	3.60		3.80		5		P
Potassium	mg/Kg	20	157		178		13		P
Selenium	mg/Kg	20	0.95	U	1.01	U			P
Silver	mg/Kg	20	0.47	U	0.50	U			P
Sodium	mg/Kg	20	94.7	U	101	U			P
Thallium	mg/Kg	20	1.89	U	2.01	U			P
Vanadium	mg/Kg	20	4.20		4.57		8		P
Zinc	mg/Kg	20	51.6		56.0		8		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
Matrix: Solid **Sample ID:** Q1698-07MS **Client ID:** B-10MSD
Percent Solids for Sample: 93.4 **Duplicate ID** Q1698-07MSD **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	1210		1160		4		P
Antimony	mg/Kg	20	24.1		22.5		7		P
Arsenic	mg/Kg	20	35.2		33.0		6		P
Barium	mg/Kg	20	26.5		24.8		7		P
Beryllium	mg/Kg	20	7.70		7.73		0		P
Cadmium	mg/Kg	20	8.26		7.90		4		P
Calcium	mg/Kg	20	6310		6010		5		P
Chromium	mg/Kg	20	27.7		25.9		7		P
Cobalt	mg/Kg	20	10.4		9.80		6		P
Copper	mg/Kg	20	45.8		43.7		5		P
Iron	mg/Kg	20	6570		5860		11		P
Lead	mg/Kg	20	86.8		82.0		6		P
Magnesium	mg/Kg	20	749		721		4		P
Manganese	mg/Kg	20	67.7		64.8		4		P
Nickel	mg/Kg	20	25.3		23.9		6		P
Potassium	mg/Kg	20	694		616		12		P
Selenium	mg/Kg	20	78.0		73.3		6		P
Silver	mg/Kg	20	3.17		2.89		9		P
Sodium	mg/Kg	20	150		128		16		P
Thallium	mg/Kg	20	78.1		74.7		4		P
Vanadium	mg/Kg	20	17.1		16.3		5		P
Zinc	mg/Kg	20	66.2		61.9		7		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Tully Construction Co., Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1698</u>
Contract:	<u>TULL02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1698</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q1721-02</u>	Client ID:	<u>AU-05-040325DUP</u>
Percent Solids for Sample:	87.1	Duplicate ID	Q1721-02DUP	Percent Solids for Spike Sample:	87.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.027		0.025		8		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **Level:** LOW **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698
Matrix: Solid **Sample ID:** Q1721-02MS **Client ID:** AU-05-040325MSD
Percent Solids for Sample: 87.1 **Duplicate ID** Q1721-02MSD **Percent Solids for Spike Sample:** 87.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.24		0.26		8		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Case No.:** Q1698 **SAS No.:** Q1698

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167441BS							
Aluminum	mg/Kg	92.6	85.5		92	80 - 120	P
Antimony	mg/Kg	37.0	35.9		97	80 - 120	P
Arsenic	mg/Kg	37.0	34.3		93	80 - 120	P
Barium	mg/Kg	9.3	8.50		91	80 - 120	P
Beryllium	mg/Kg	9.3	8.84		95	80 - 120	P
Cadmium	mg/Kg	9.3	8.58		92	80 - 120	P
Calcium	mg/Kg	46.3	44.0	J	95	80 - 120	P
Chromium	mg/Kg	18.5	18.2		98	80 - 120	P
Cobalt	mg/Kg	9.3	8.68		93	80 - 120	P
Copper	mg/Kg	13.9	13.8		99	80 - 120	P
Iron	mg/Kg	140	134		96	80 - 120	P
Lead	mg/Kg	46.3	42.4		92	80 - 120	P
Magnesium	mg/Kg	92.6	84.0	J	91	80 - 120	P
Manganese	mg/Kg	9.3	8.76		94	80 - 120	P
Nickel	mg/Kg	23.1	21.8		94	80 - 120	P
Potassium	mg/Kg	460	425		92	80 - 120	P
Selenium	mg/Kg	92.6	87.1		94	80 - 120	P
Silver	mg/Kg	3.5	3.42		98	80 - 120	P
Sodium	mg/Kg	140	138		99	80 - 120	P
Thallium	mg/Kg	92.6	89.7		97	80 - 120	P
Vanadium	mg/Kg	13.9	13.0		94	80 - 120	P
Zinc	mg/Kg	9.3	9.11		98	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167478BS Mercury	mg/Kg	0.27	0.25		92	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

B-10L

Lab Name: Chemtech Consulting Group

Contract: TULL02

Lab Code: CHEM Lb No.: lb135333 Lab Sample ID : Q1698-07L SDG No.: Q1698

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Aluminum	937		947		1		P
Antimony	0.36	J	11.8	U	100.0		P
Arsenic	2.20		2.55	J	16		P
Barium	17.3		17.6	J	1		P
Beryllium	0.12	J	0.12	J	3		P
Cadmium	0.13	J	1.42	U	100.0		P
Calcium	6480		6480		0		P
Chromium	8.91		9.35		5		P
Cobalt	1.23	J	1.27	J	3		P
Copper	29.4		31.2		6		P
Iron	3590		3860		7		P
Lead	42.5		44.0		4		P
Magnesium	805		740		8		P
Manganese	47.6		49.7		5		P
Nickel	3.60		3.57	J	1		P
Potassium	157		474	U	100.0		P
Selenium	0.95	U	4.74	U			P
Silver	0.47	U	2.37	U			P
Sodium	94.7	U	474	U			P
Thallium	1.89	U	9.47	U			P
Vanadium	4.20		4.80	J	14		P
Zinc	51.6		55.0		7		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

AU-05-040325L

Lab Name: Chemtech Consulting Group

Contract: TULL02

Lab Code: CHEM

Lb No.: lb135320

Lab Sample ID : Q1721-02L

SDG No.: Q1698

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.027	0.070 U	100.0		CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

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

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

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

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement 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: Tully Construction Co., Inc.

SDG No.: Q1698

Contract: TULL02

Lab Code: CHEM

Case No.: Q1698

SAS No.: Q1698

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: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Method:**
Case No.: Q1698 **SAS No.:** Q1698

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167441							
PB167441BL	PB167441BL	MB	SOLID	04/03/2025	2.39	100.0	100.00
PB167441BS	PB167441BS	LCS	SOLID	04/03/2025	2.16	100.0	100.00
Q1698-01	B-9	SAM	SOLID	04/03/2025	2.46	100.0	93.00
Q1698-07	B-10	SAM	SOLID	04/03/2025	2.26	100.0	93.40
Q1698-07DUP	B-10DUP	DUP	SOLID	04/03/2025	2.13	100.0	93.40
Q1698-07MS	B-10MS	MS	SOLID	04/03/2025	2.18	100.0	93.40
Q1698-07MSD	B-10MSD	MSD	SOLID	04/03/2025	2.29	100.0	93.40

Metals

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SAMPLE PREPARATION SUMMARY

Client: Tully Construction Co., Inc. **SDG No.:** Q1698
Contract: TULL02 **Lab Code:** CHEM **Method:**
Case No.: Q1698 **SAS No.:** Q1698

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167478							
PB167478BL	PB167478BL	MB	SOLID	04/07/2025	0.53	35.0	100.00
PB167478BS	PB167478BS	LCS	SOLID	04/07/2025	0.51	35.0	100.00
Q1698-01	B-9	SAM	SOLID	04/07/2025	0.57	35.0	93.00
Q1698-07	B-10	SAM	SOLID	04/07/2025	0.56	35.0	93.40
Q1721-02DUP	AU-05-040325DUP	DUP	SOLID	04/07/2025	0.56	35.0	87.10
Q1721-02MS	AU-05-040325MS	MS	SOLID	04/07/2025	0.58	35.0	87.10
Q1721-02MSD	AU-05-040325MSD	MSD	SOLID	04/07/2025	0.56	35.0	87.10

metals
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ANALYSIS RUN LOG

Client: Tully Construction Co., Inc. **Contract:** TULL02

Lab code: CHEM **Case no.:** Q1698 **Sas no.:** Q1698 **Sdg no.:** Q1698

Instrument id number: **Method:** **Run number:** LB135320

Start date: 04/07/2025 **End date:** 04/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1315	HG
S0.2	S0.2	1	1317	HG
S2.5	S2.5	1	1319	HG
S5	S5	1	1322	HG
S7.5	S7.5	1	1324	HG
S10	S10	1	1326	HG
ICV79	ICV79	1	1329	HG
ICB79	ICB79	1	1332	HG
CCV39	CCV39	1	1334	HG
CCB39	CCB39	1	1336	HG
CRA	CRA	1	1339	HG
PB167478BL	PB167478BL	1	1345	HG
PB167478BS	PB167478BS	1	1348	HG
Q1698-01	B-9	1	1357	HG
Q1698-07	B-10	1	1359	HG
CCV40	CCV40	1	1402	HG
CCB40	CCB40	1	1404	HG
Q1721-02DUP	AU-05-040325DUP	1	1423	HG
Q1721-02MS	AU-05-040325MS	1	1426	HG
Q1721-02MSD	AU-05-040325MSD	1	1428	HG
Q1721-02L	AU-05-040325L	5	1430	HG
Q1721-02A	AU-05-040325A	1	1433	HG
CCV41	CCV41	1	1435	HG
CCB41	CCB41	1	1437	HG

metals
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ANALYSIS RUN LOG

Client: Tully Construction Co., Inc. **Contract:** TULL02

Lab code: CHEM **Case no.:** Q1698 **Sas no.:** Q1698 **Sdg no.:** Q1698

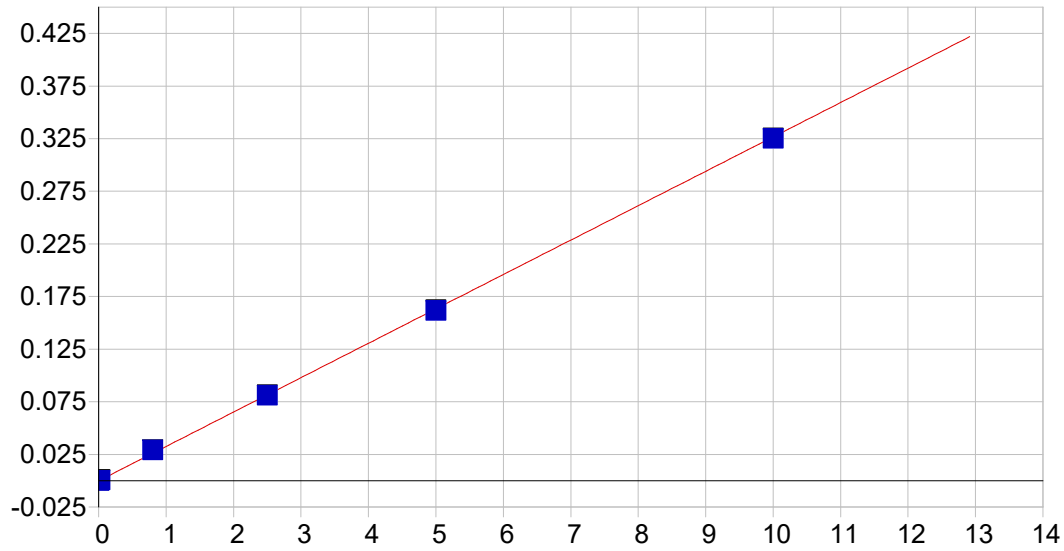
Instrument id number: **Method:** **Run number:** LB135333

Start date: 04/07/2025 **End date:** 04/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1051	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	1055	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	1100	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	1104	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	1108	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	1112	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	1235	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	1310	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	1314	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	1342	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	1350	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1698-01	B-9	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1698-07	B-10	1	1455	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1698-07DUP	B-10DUP	1	1459	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	1507	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	1512	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1698-07MS	B-10MS	1	1520	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1698-07MSD	B-10MSD	1	1524	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1698-07A	B-10A	1	1528	Sb
CCV03	CCV03	1	1541	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	1545	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1700	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	1704	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167441BL	PB167441BL	1	1717	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	1743	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	1747	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167441BS	PB167441BS	1	1812	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	1851	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	1855	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

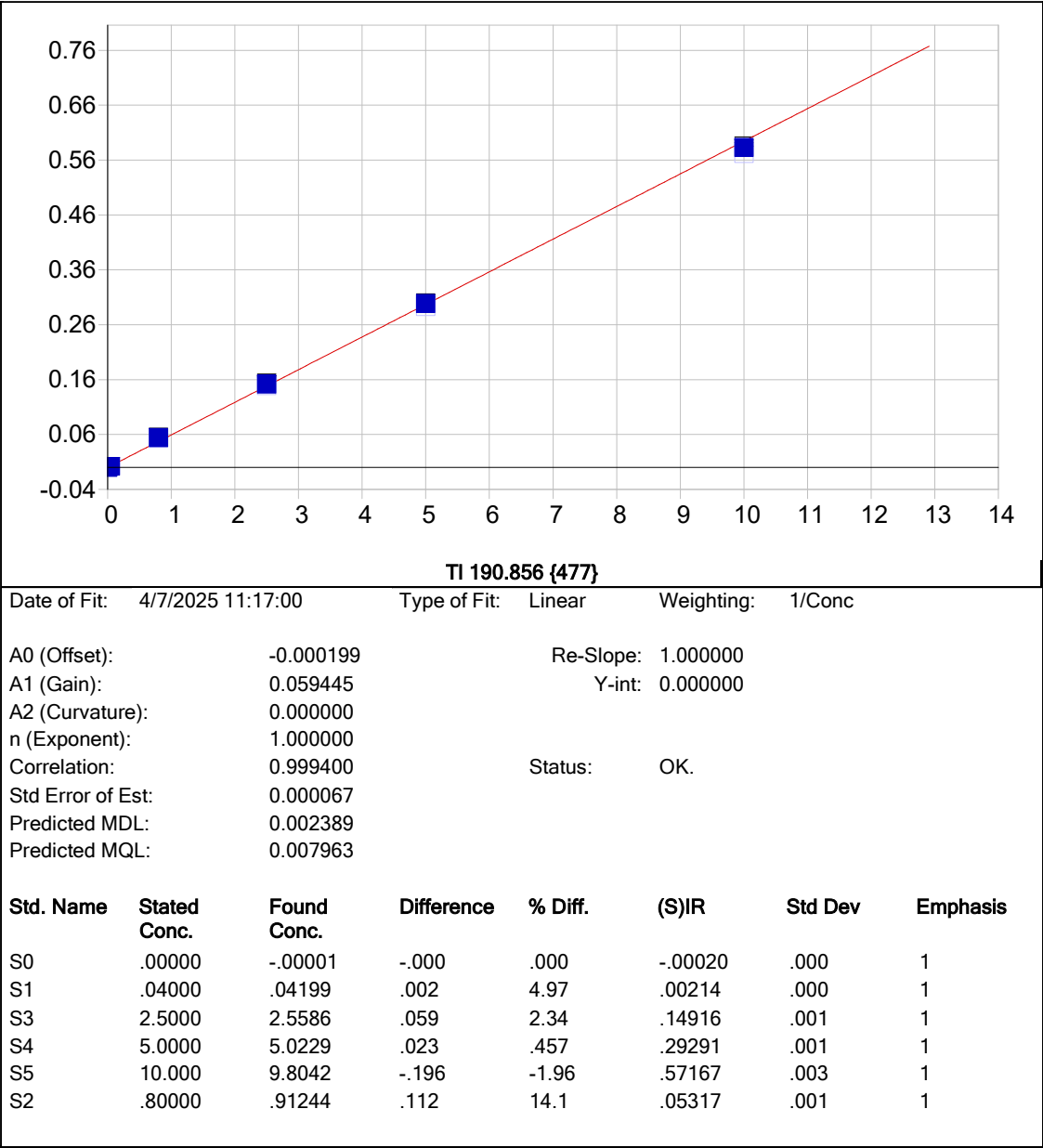


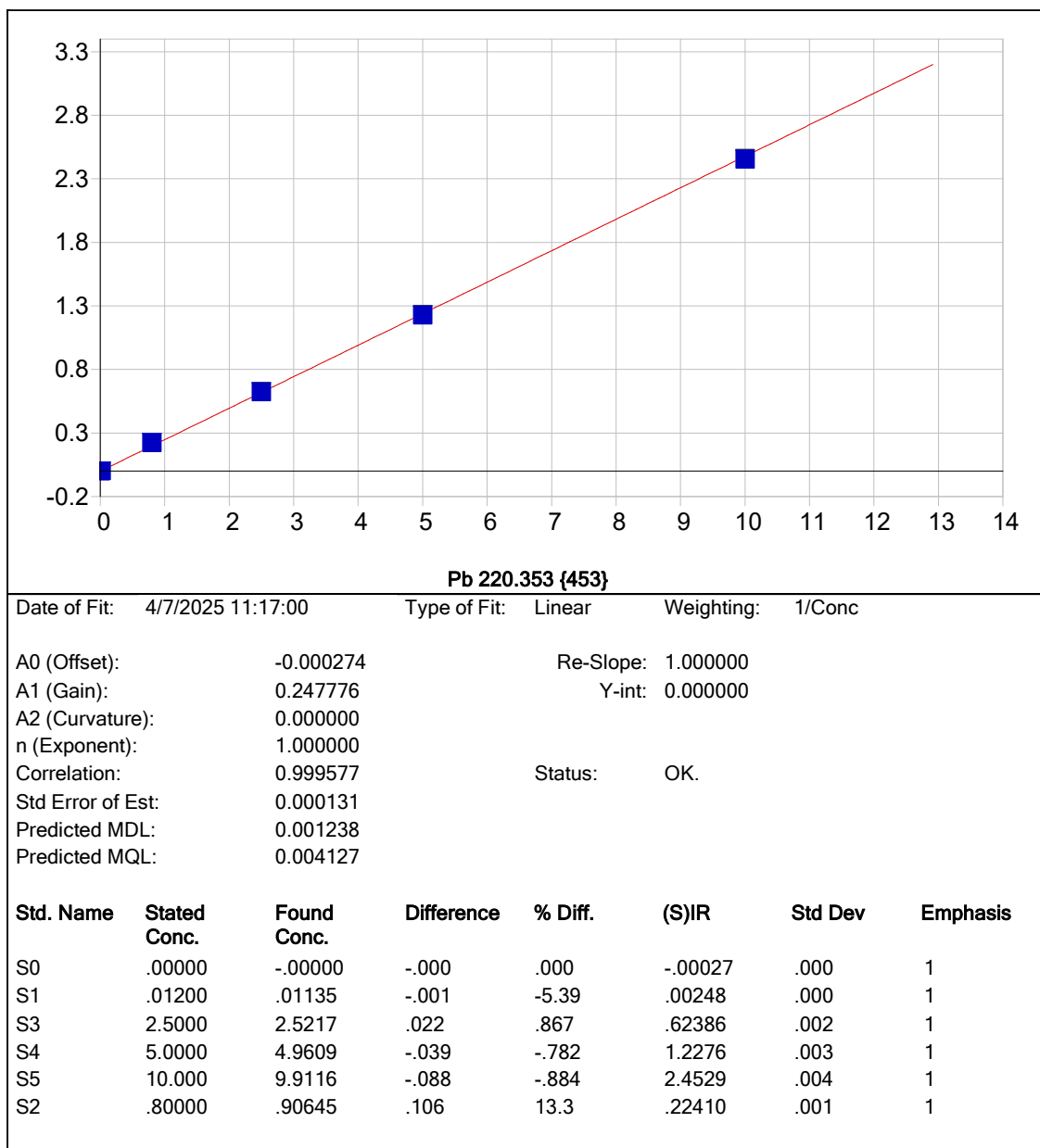
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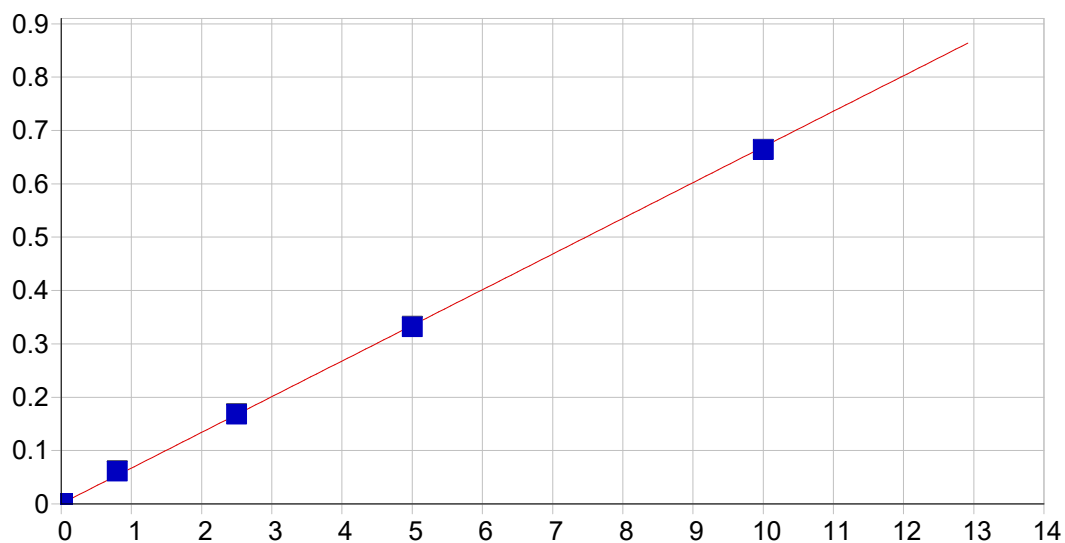
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A1 (Gain): 0.032683 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999631 Status: OK.
Std Error of Est: 0.000021
Predicted MDL: 0.004613
Predicted MQL: 0.015377

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.02000	.02222	.002	11.1	.00056	.000	1
S3	2.5000	2.4909	-.009	-.362	.08116	.000	1
S4	5.0000	4.9510	-.049	-.980	.16147	.001	1
S5	10.000	9.9557	-.044	-.443	.32487	.001	1
S2	.80000	.90017	.100	12.5	.02923	.000	1





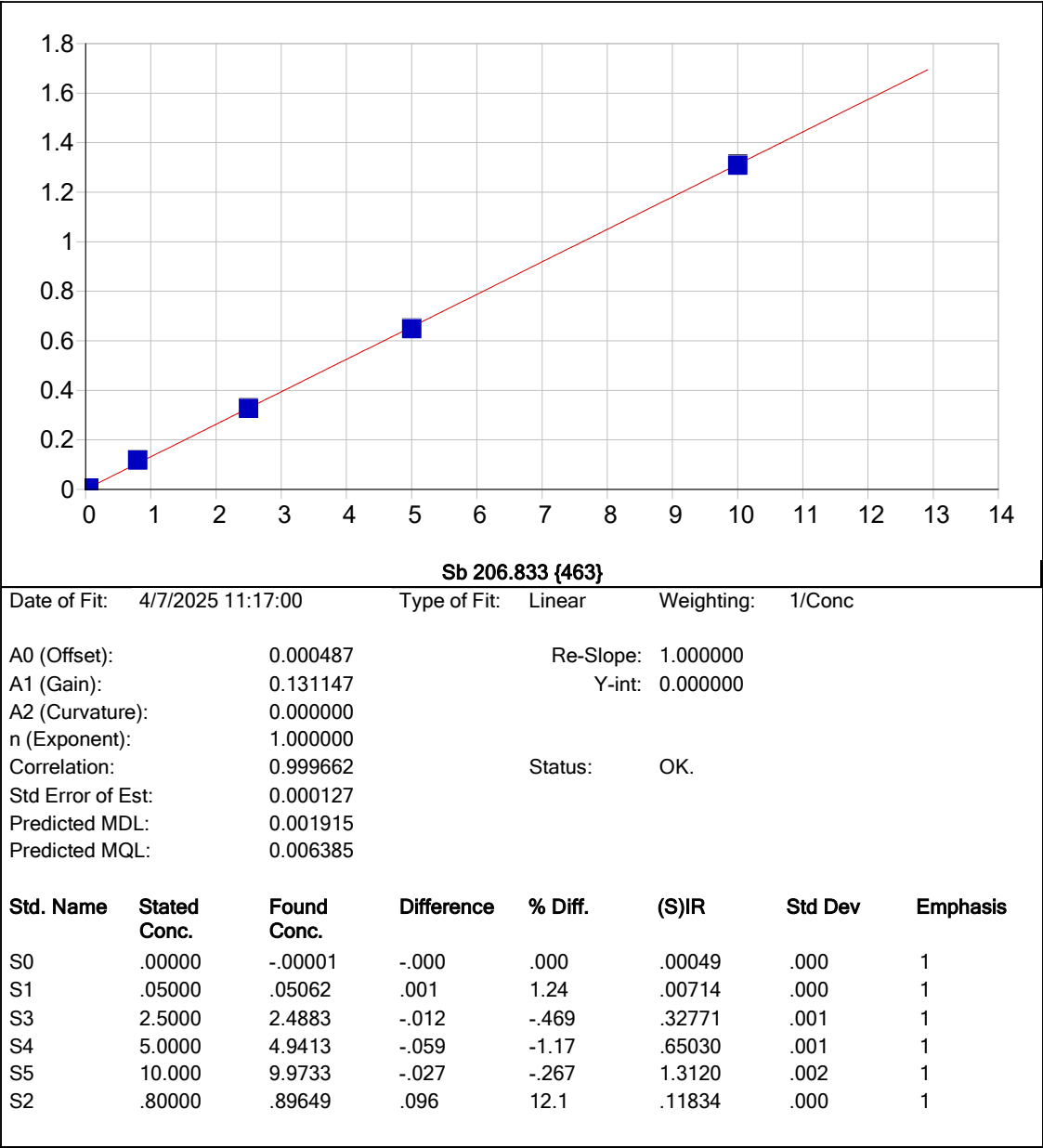


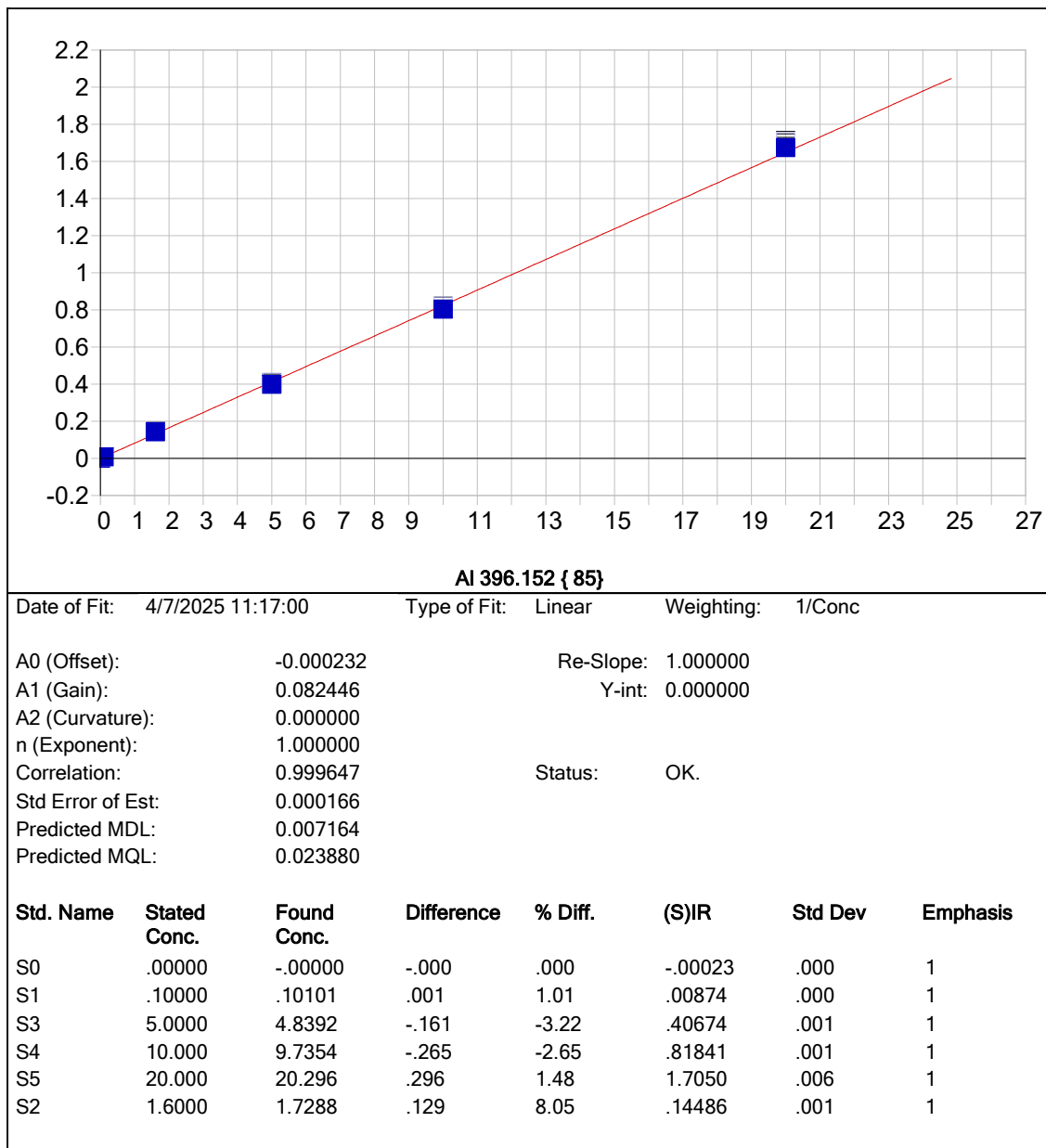
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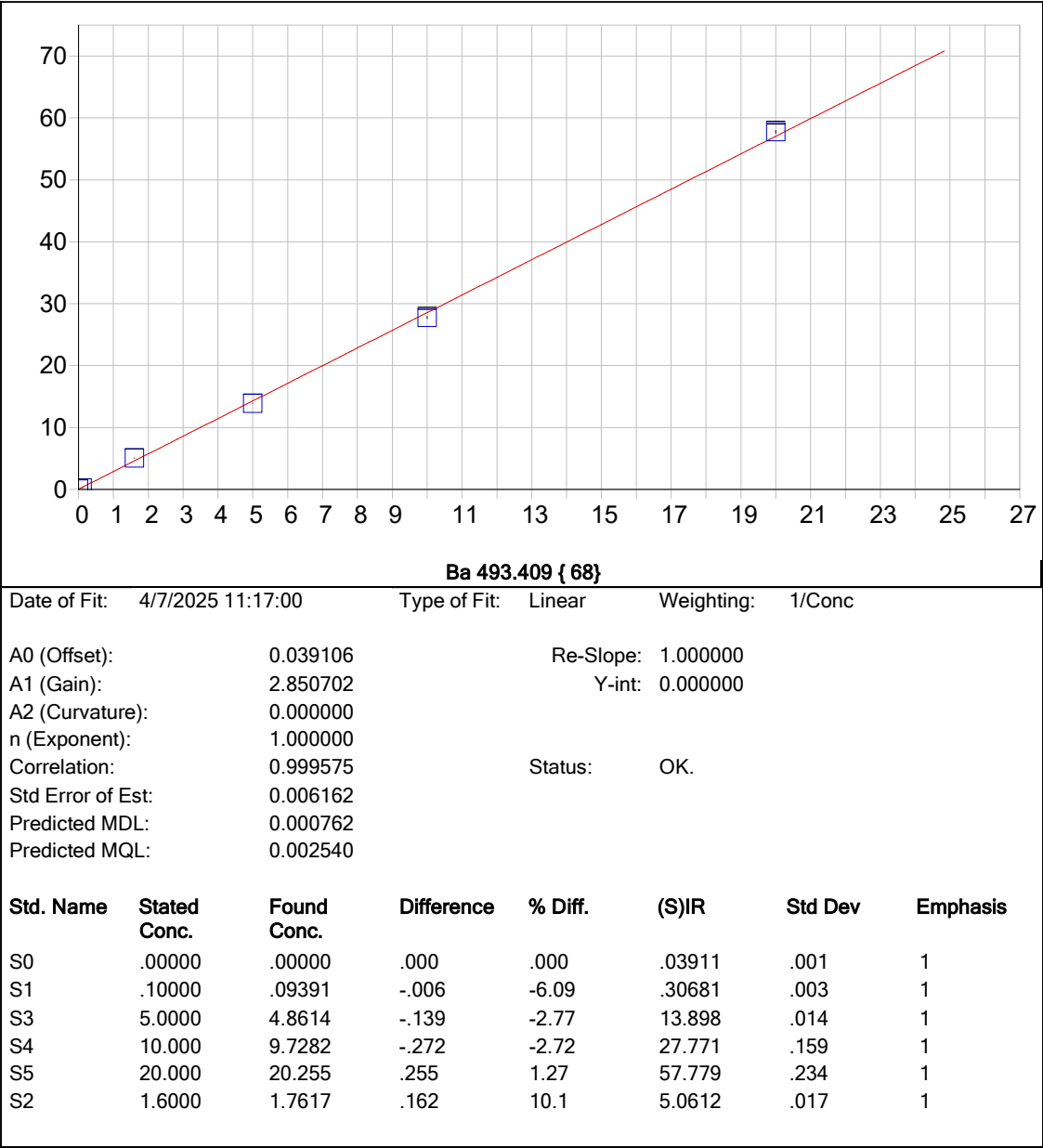
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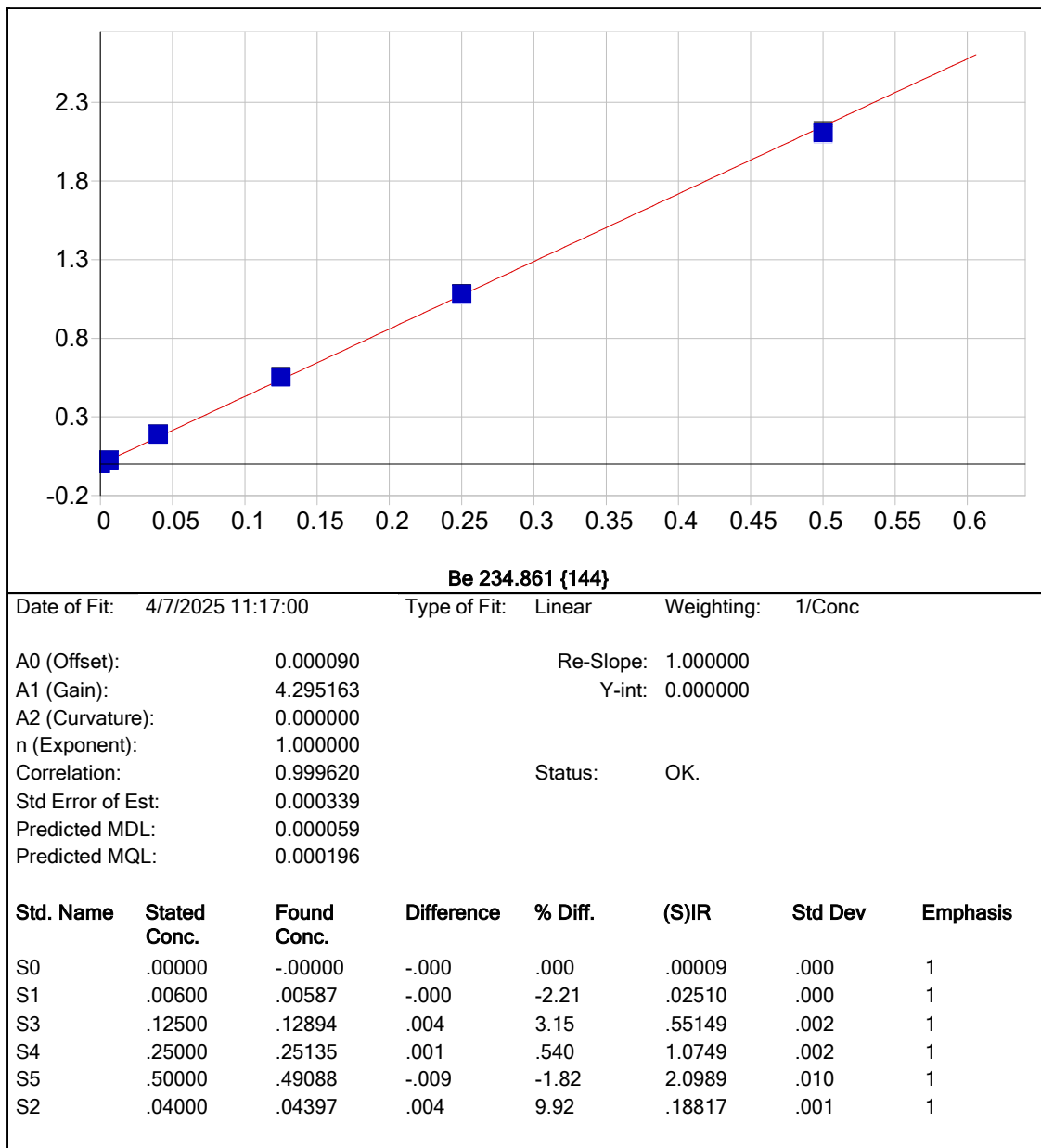
A0 (Offset): 0.000326 Re-Slope: 1.000000
A1 (Gain): 0.066870 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999545 Status: OK.
Std Error of Est: 0.000047
Predicted MDL: 0.003217
Predicted MQL: 0.010722

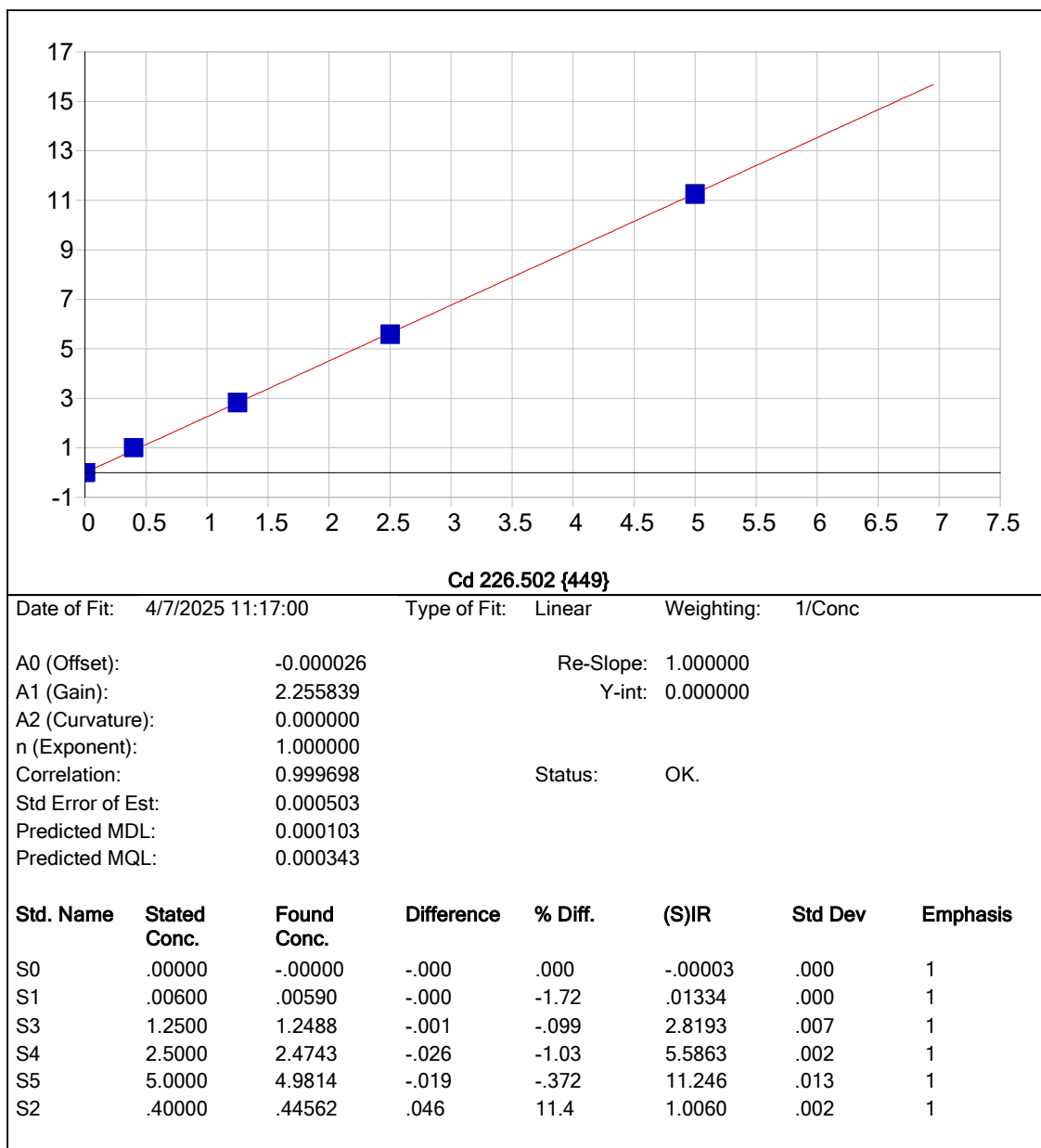
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.02000	.02082	.001	4.08	.00172	.000	1
S3	2.5000	2.5033	.003	.134	.16768	.001	1
S4	5.0000	4.9550	-.045	-.900	.33158	.001	1
S5	10.000	9.9287	-.071	-.713	.66409	.001	1
S2	.80000	.91211	.112	14.0	.06130	.000	1

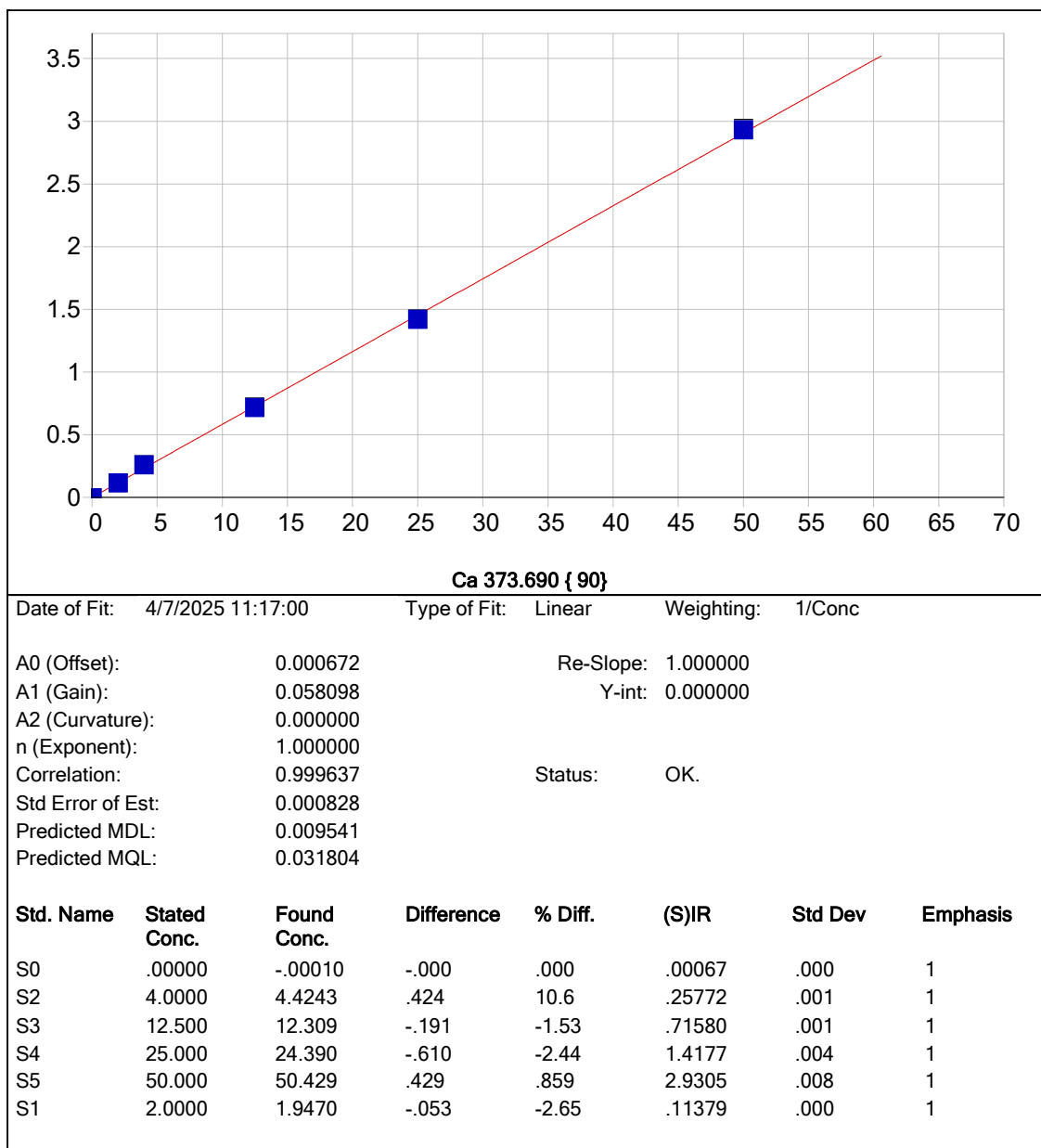


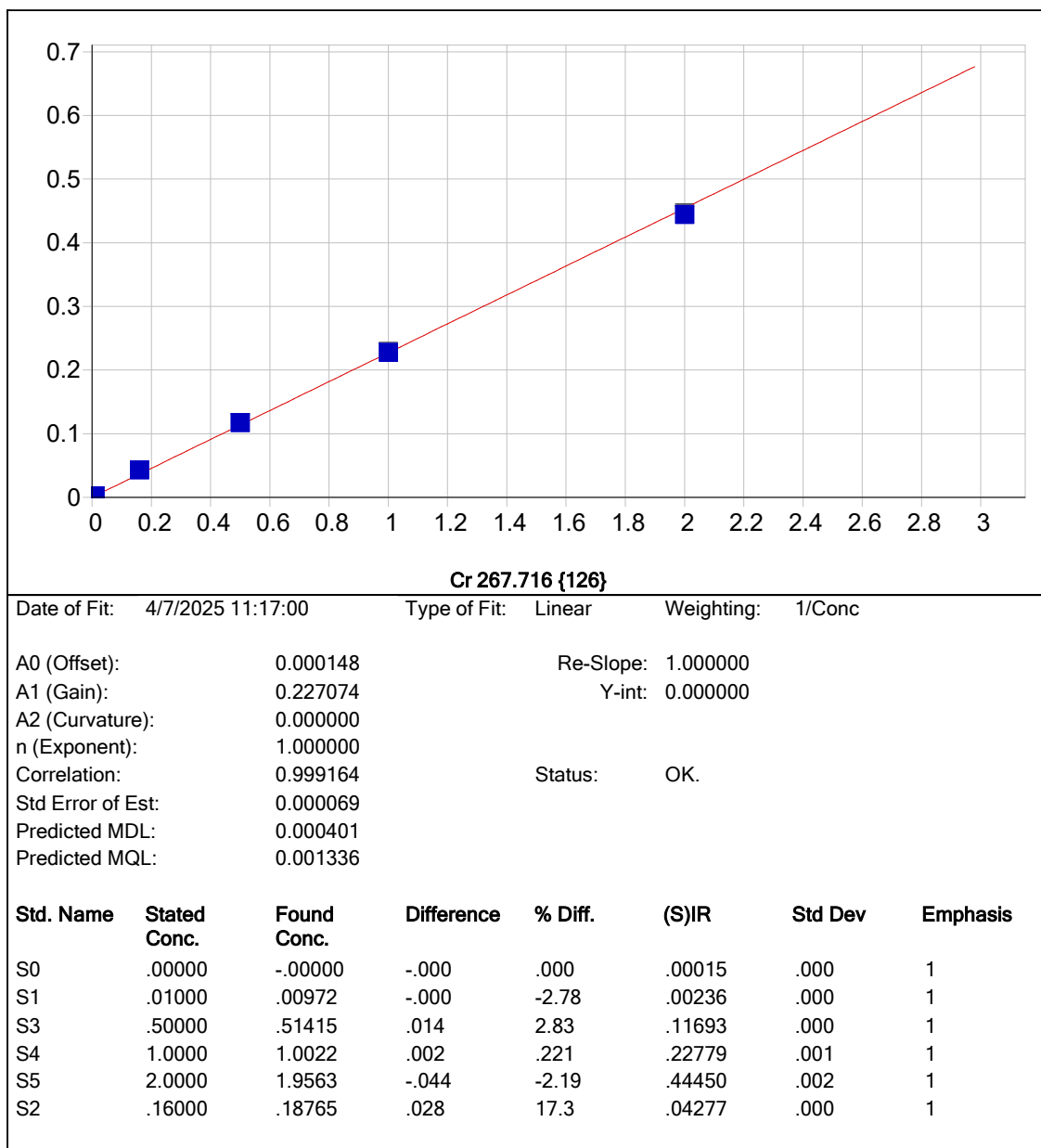


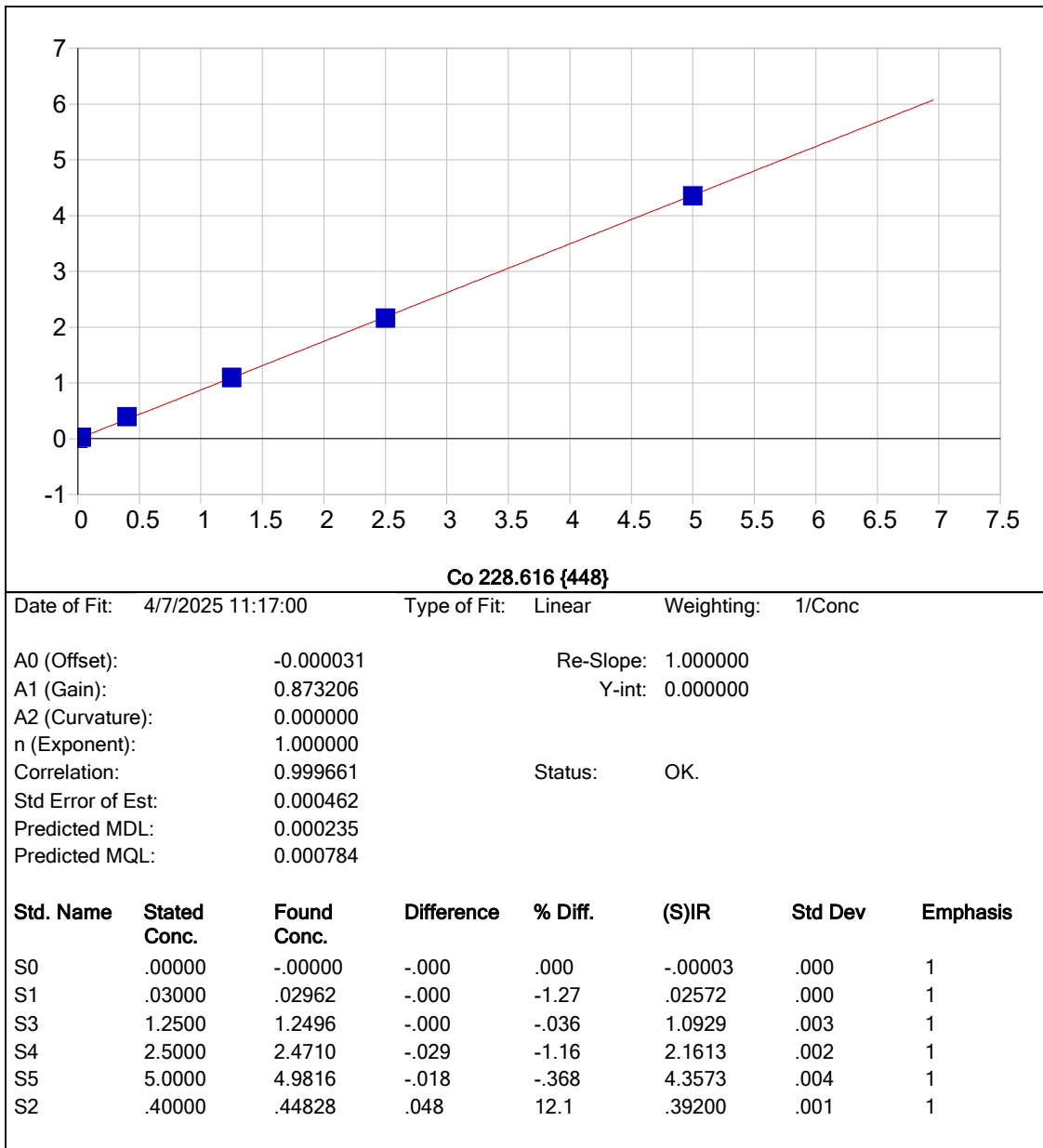


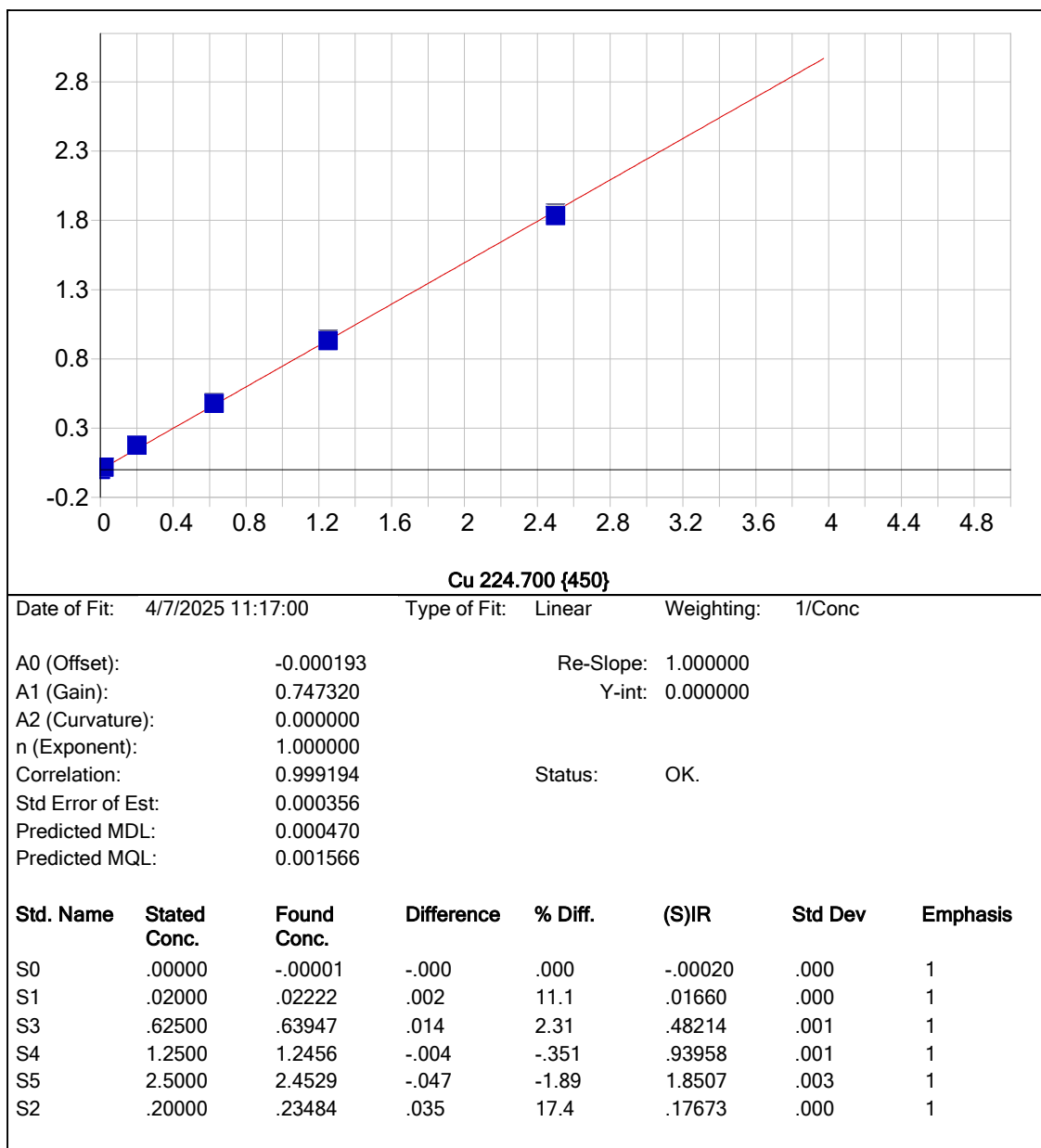


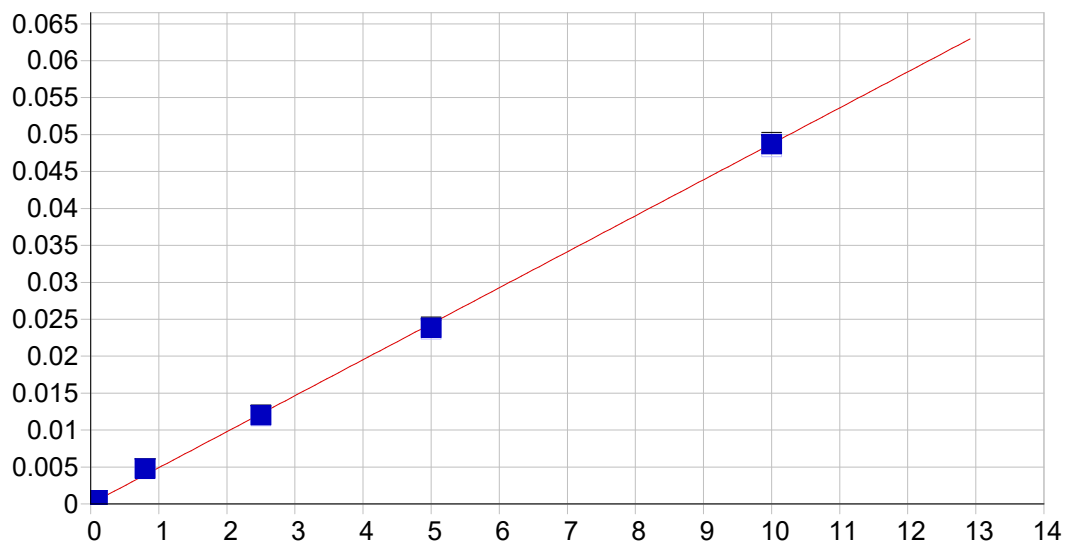










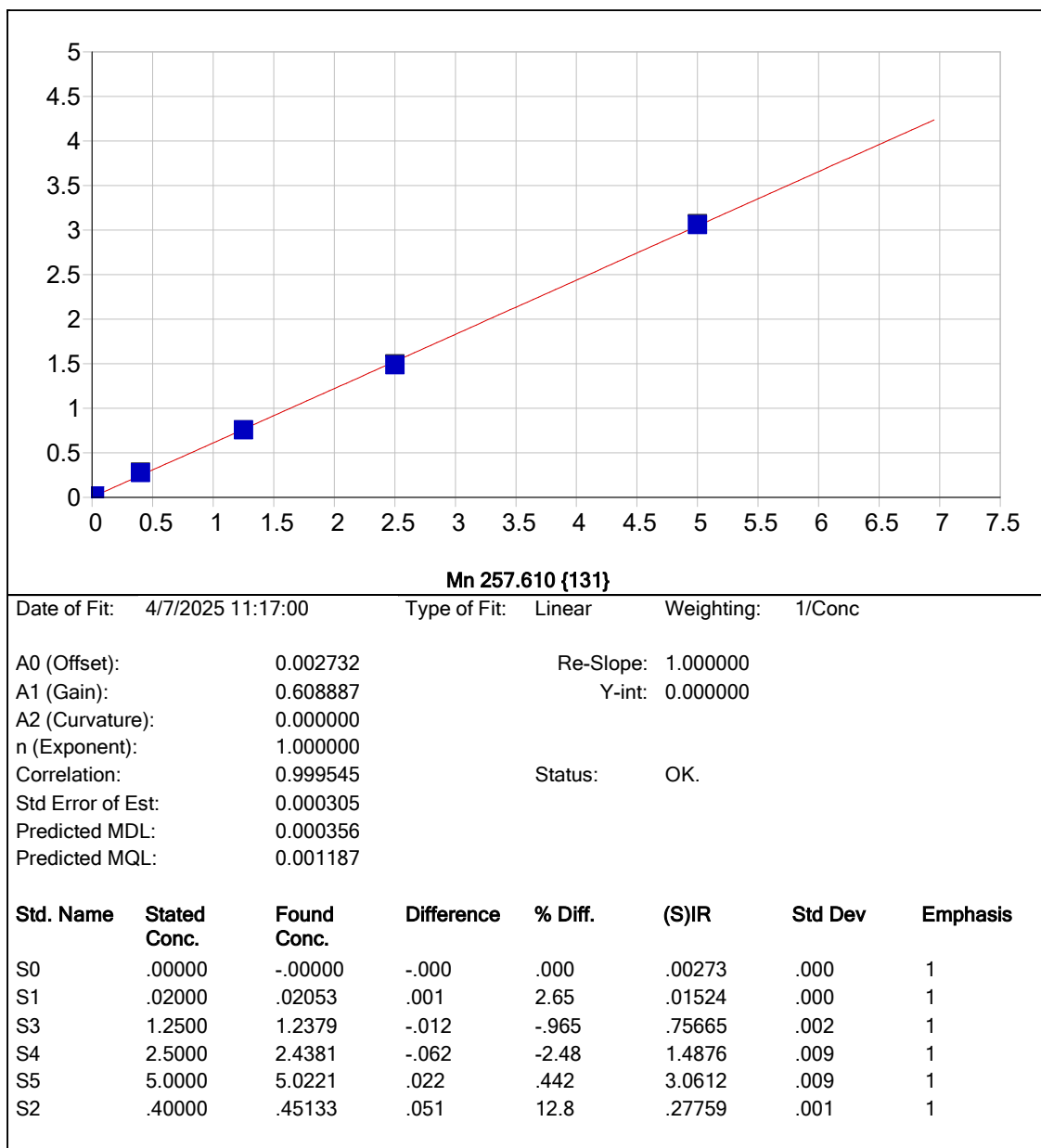


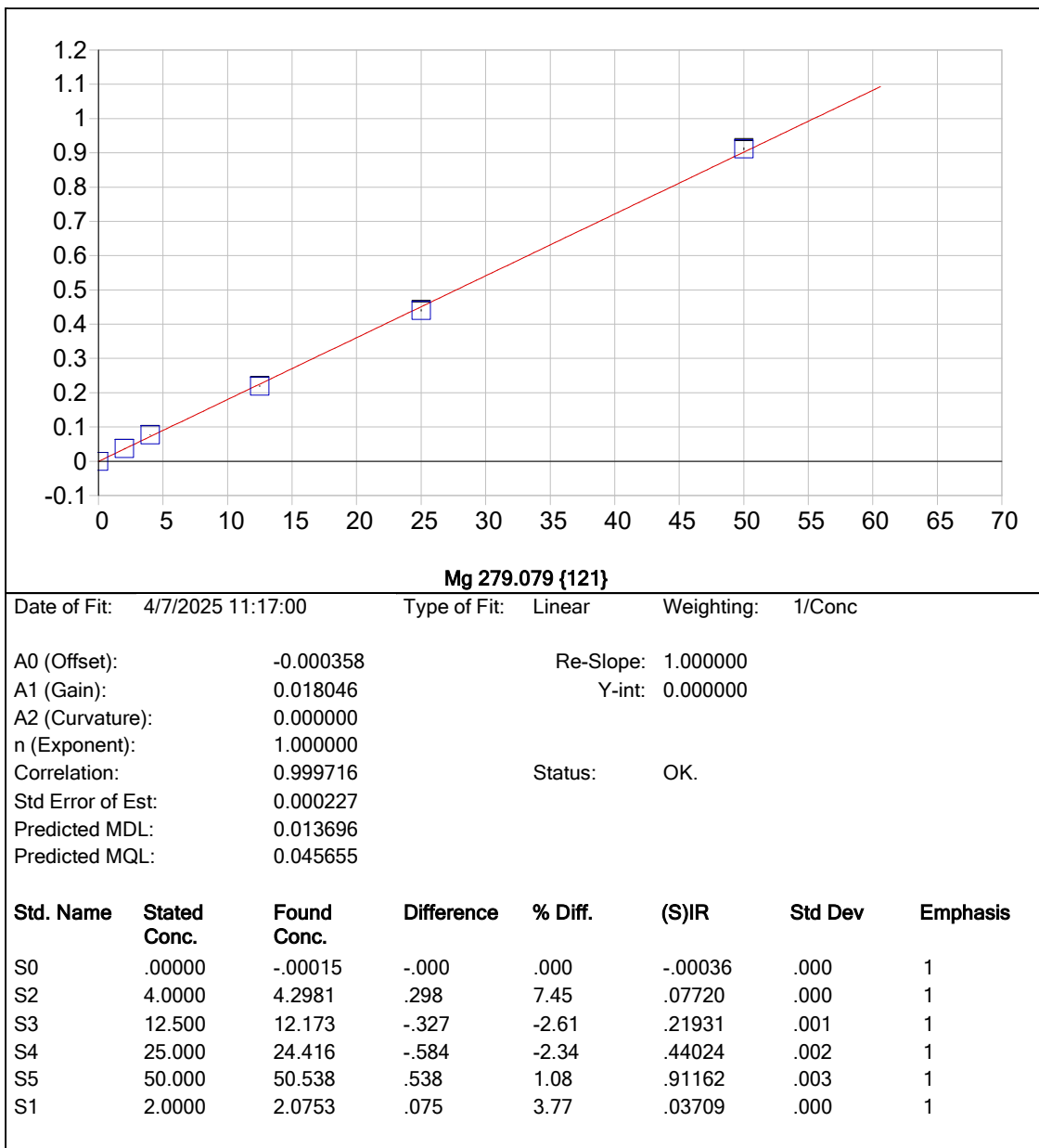
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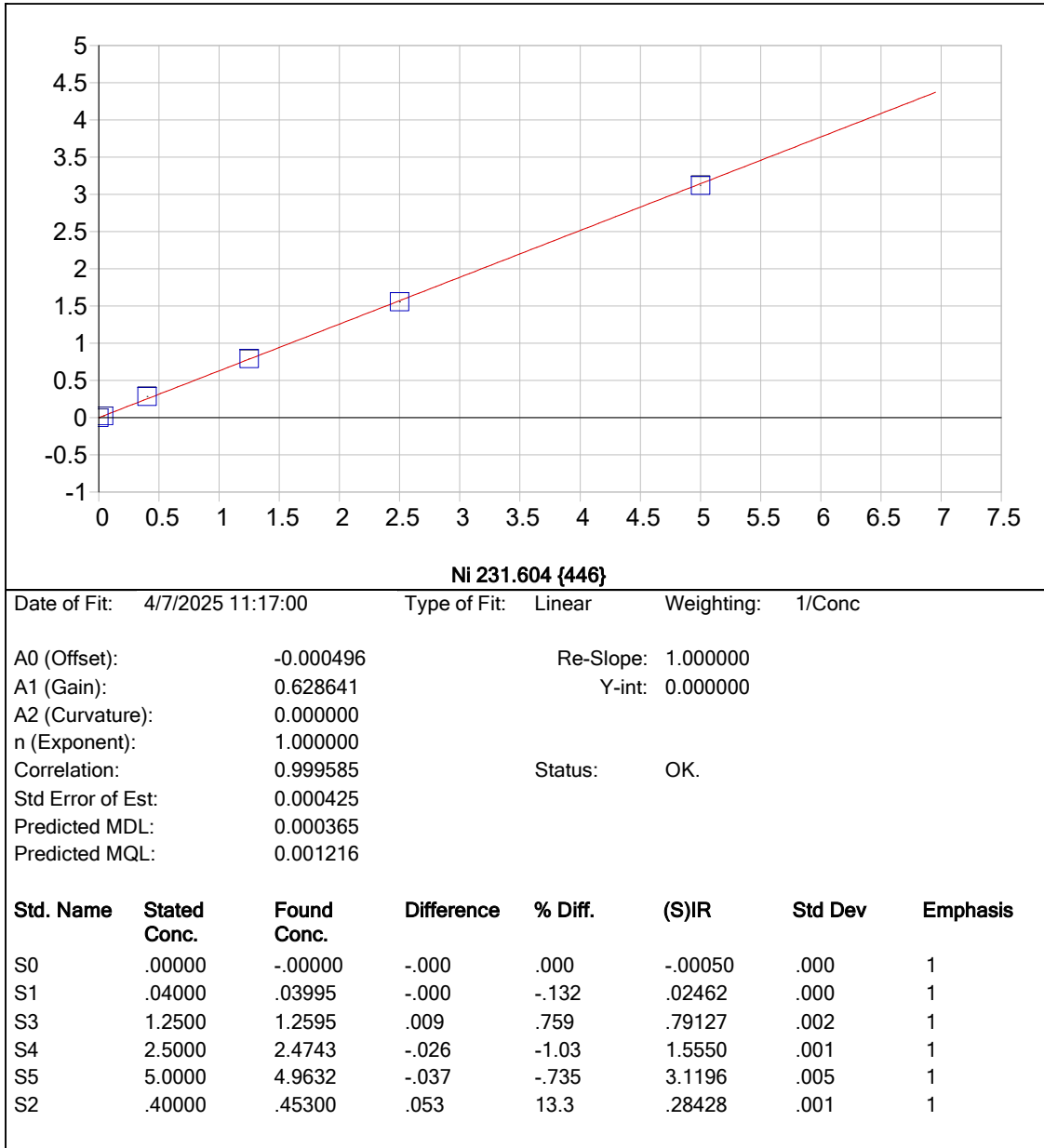
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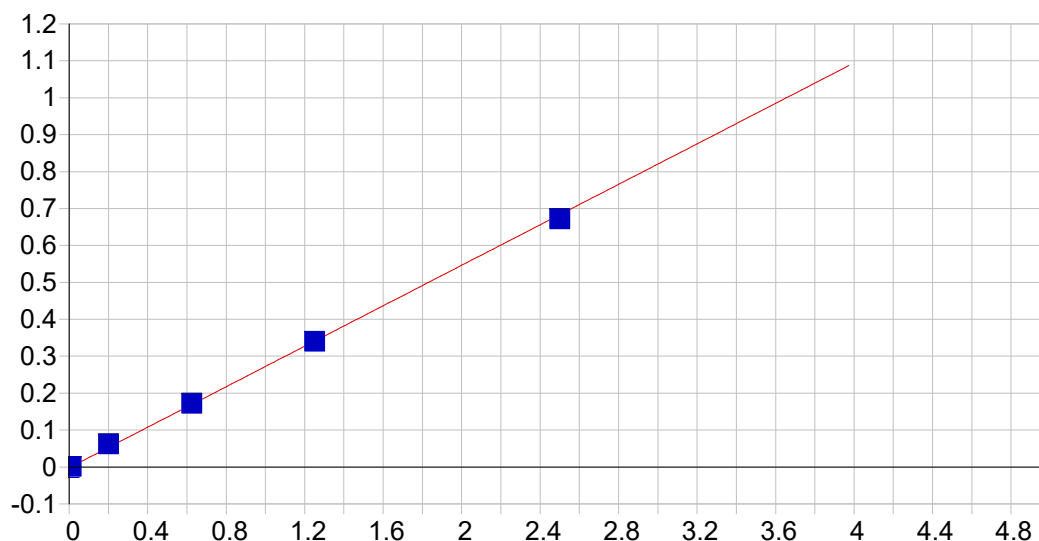
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A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998903 Status: OK.
Std Error of Est: 0.000012
Predicted MDL: 0.005812
Predicted MQL: 0.019373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.10000	.09678	-.003	-3.22	.00050	.000	1
S3	2.5000	2.4550	-.045	-1.80	.01189	.000	1
S4	5.0000	4.8861	-.114	-2.28	.02363	.000	1
S5	10.000	9.9919	-.008	-.081	.04829	.000	1
S2	.80000	.97023	.170	21.3	.00472	.000	1







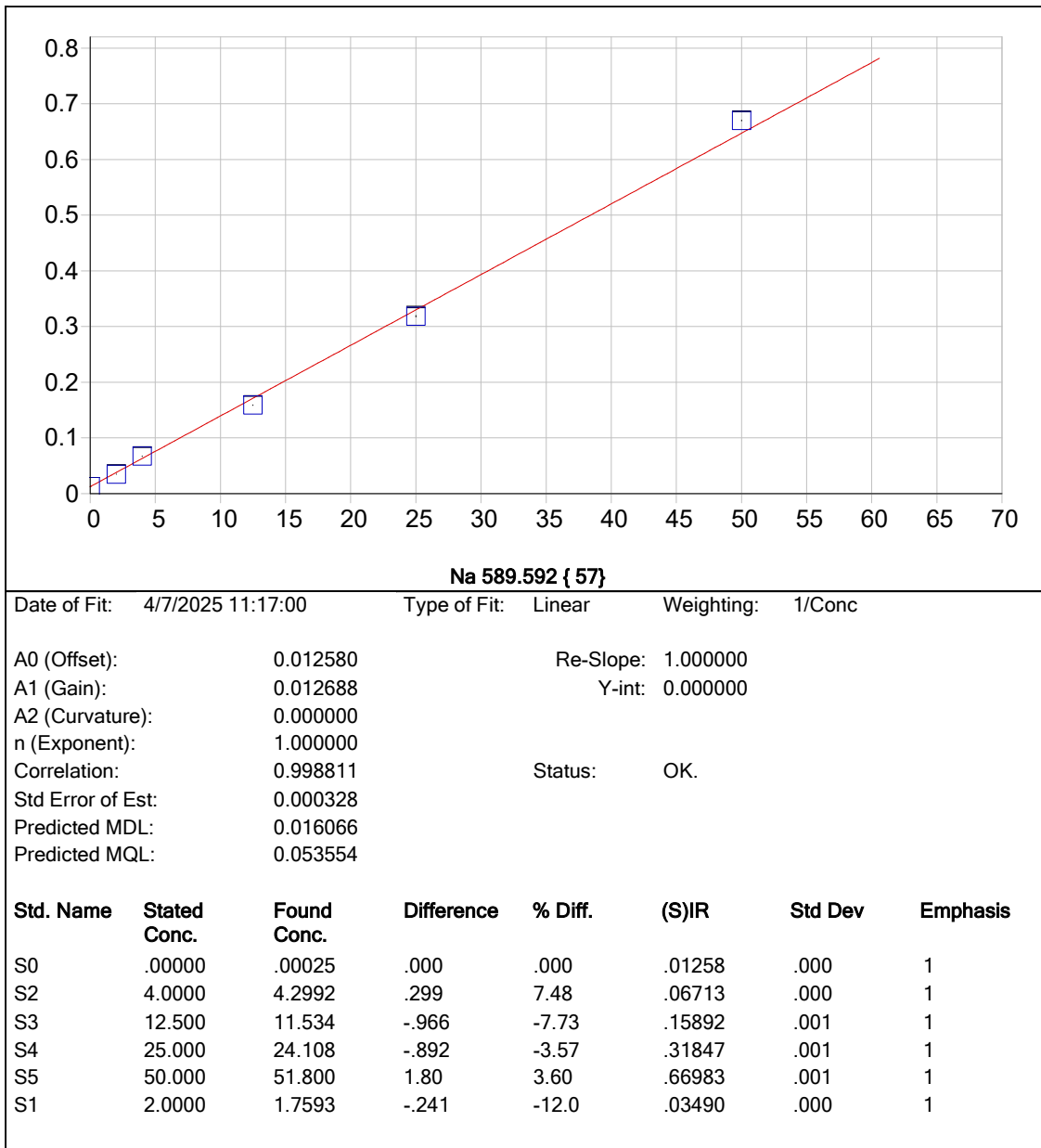


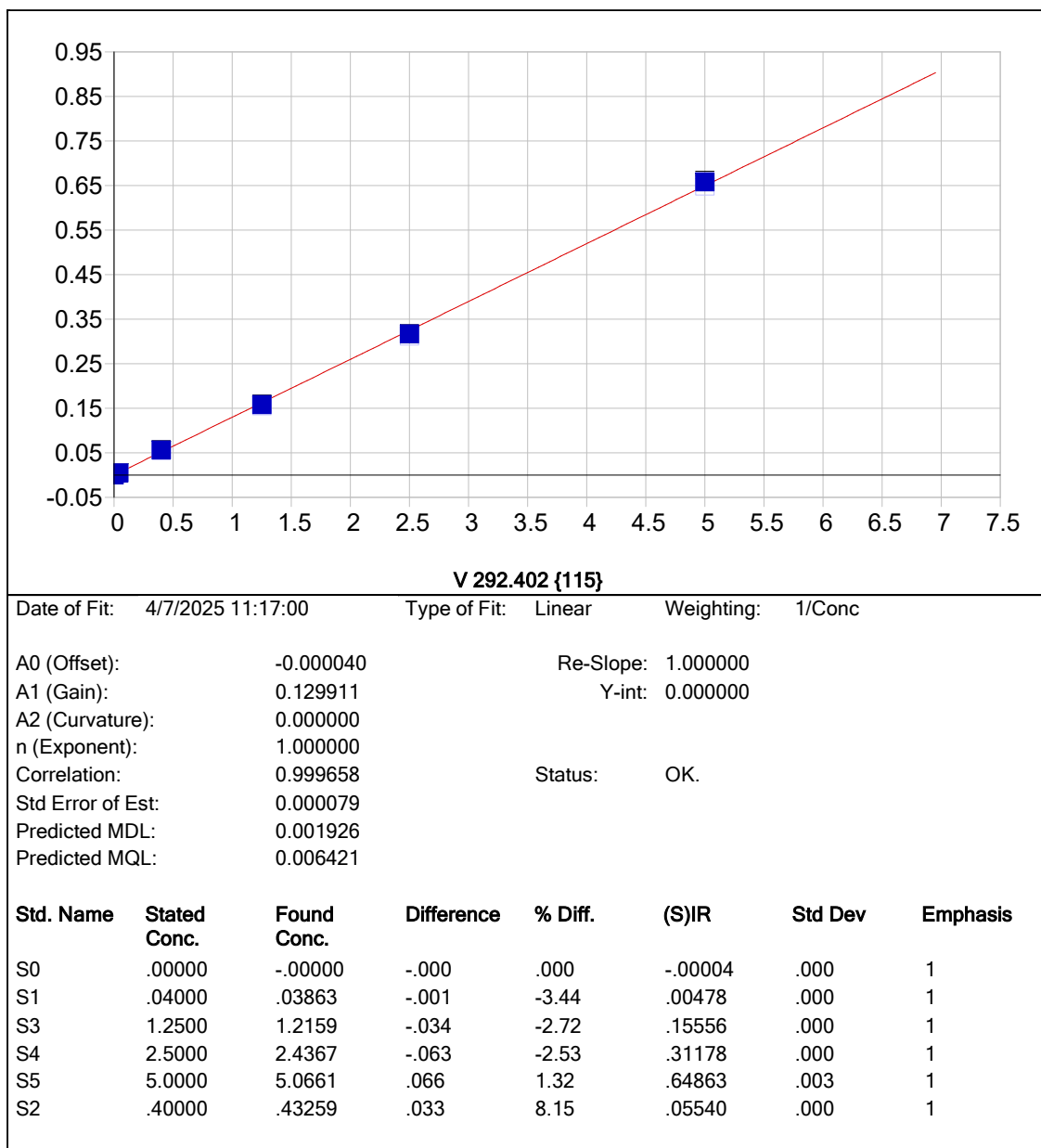
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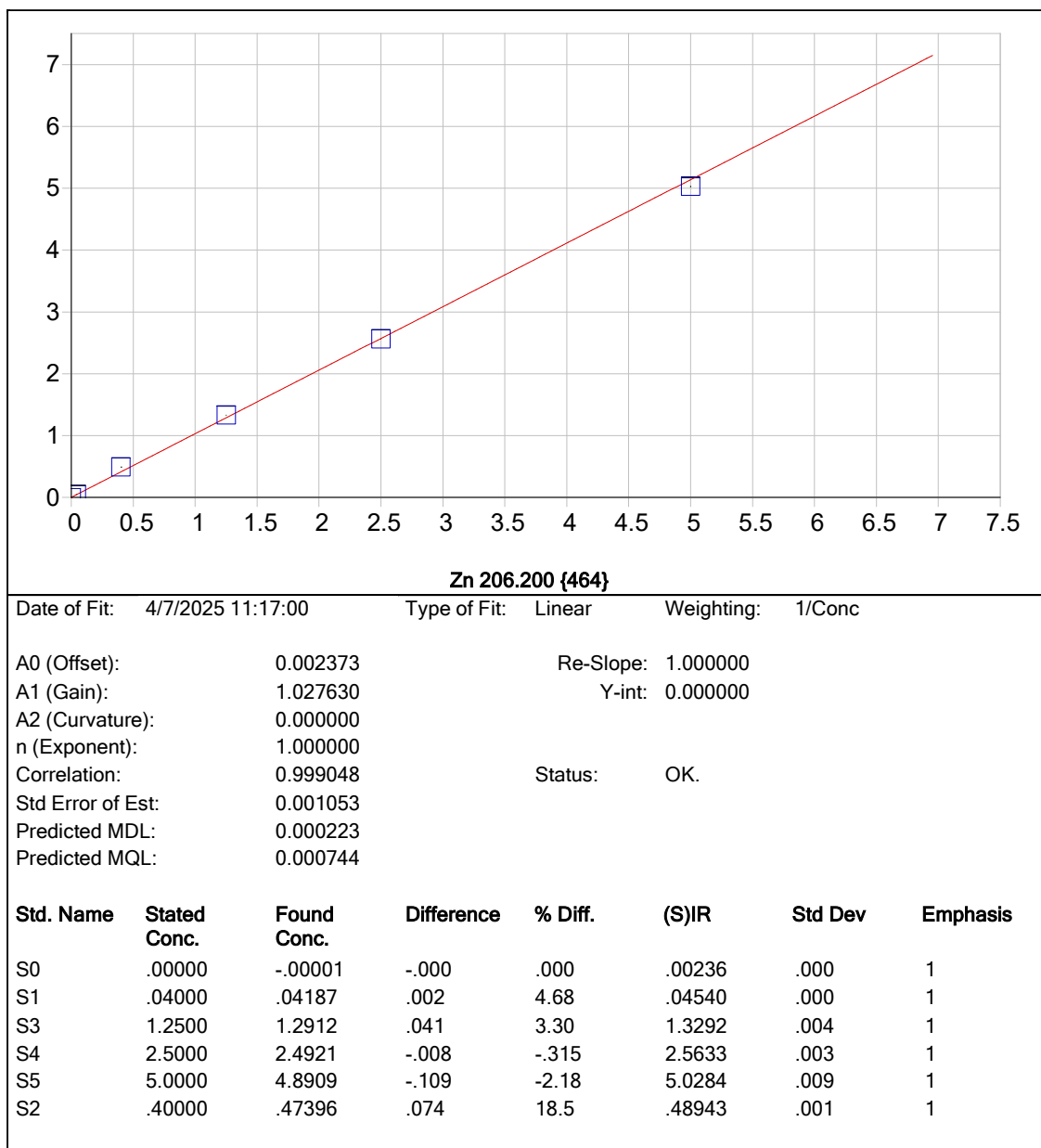
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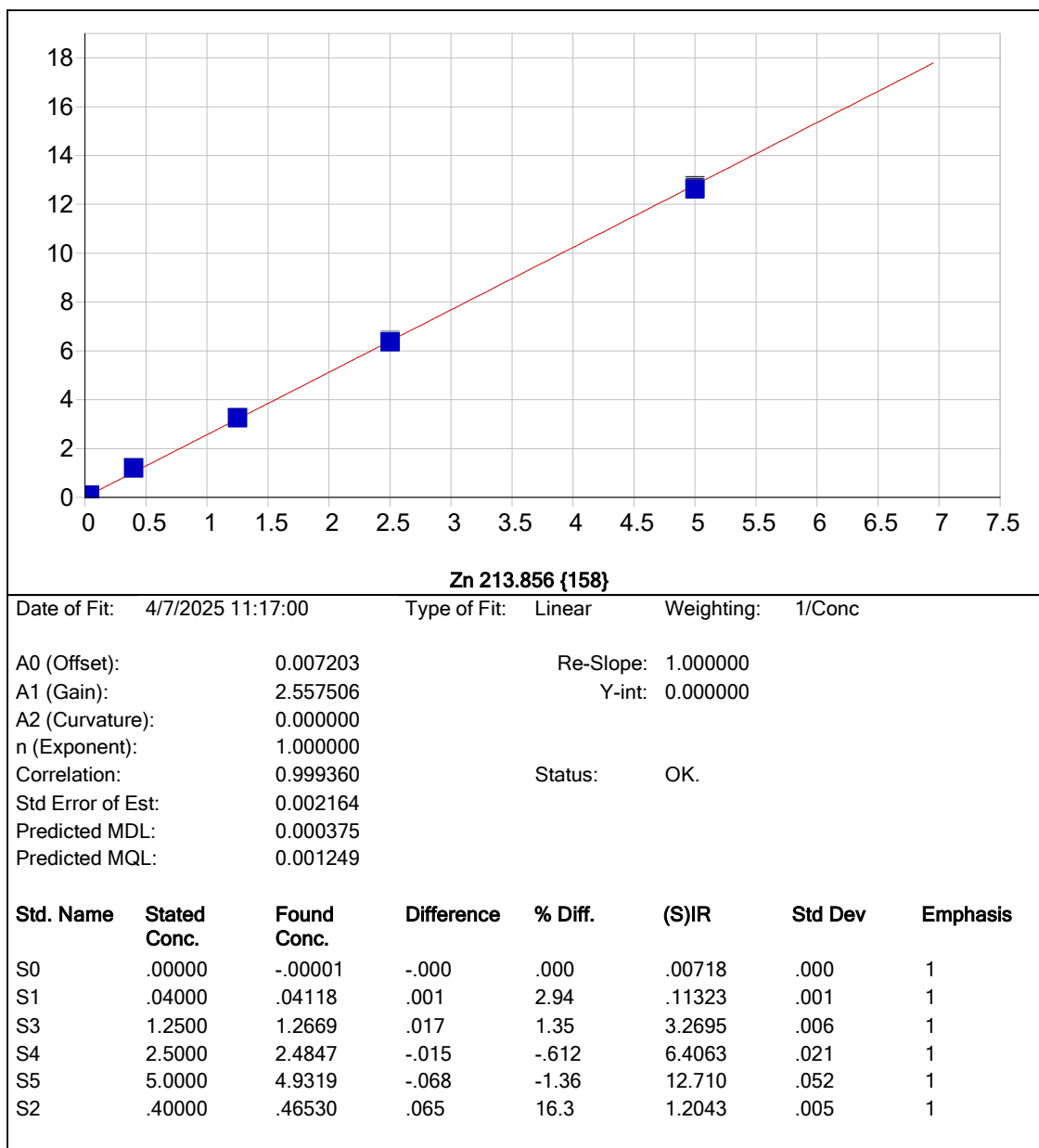
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Std Error of Est: 0.000086
Predicted MDL: 0.000434
Predicted MQL: 0.001448

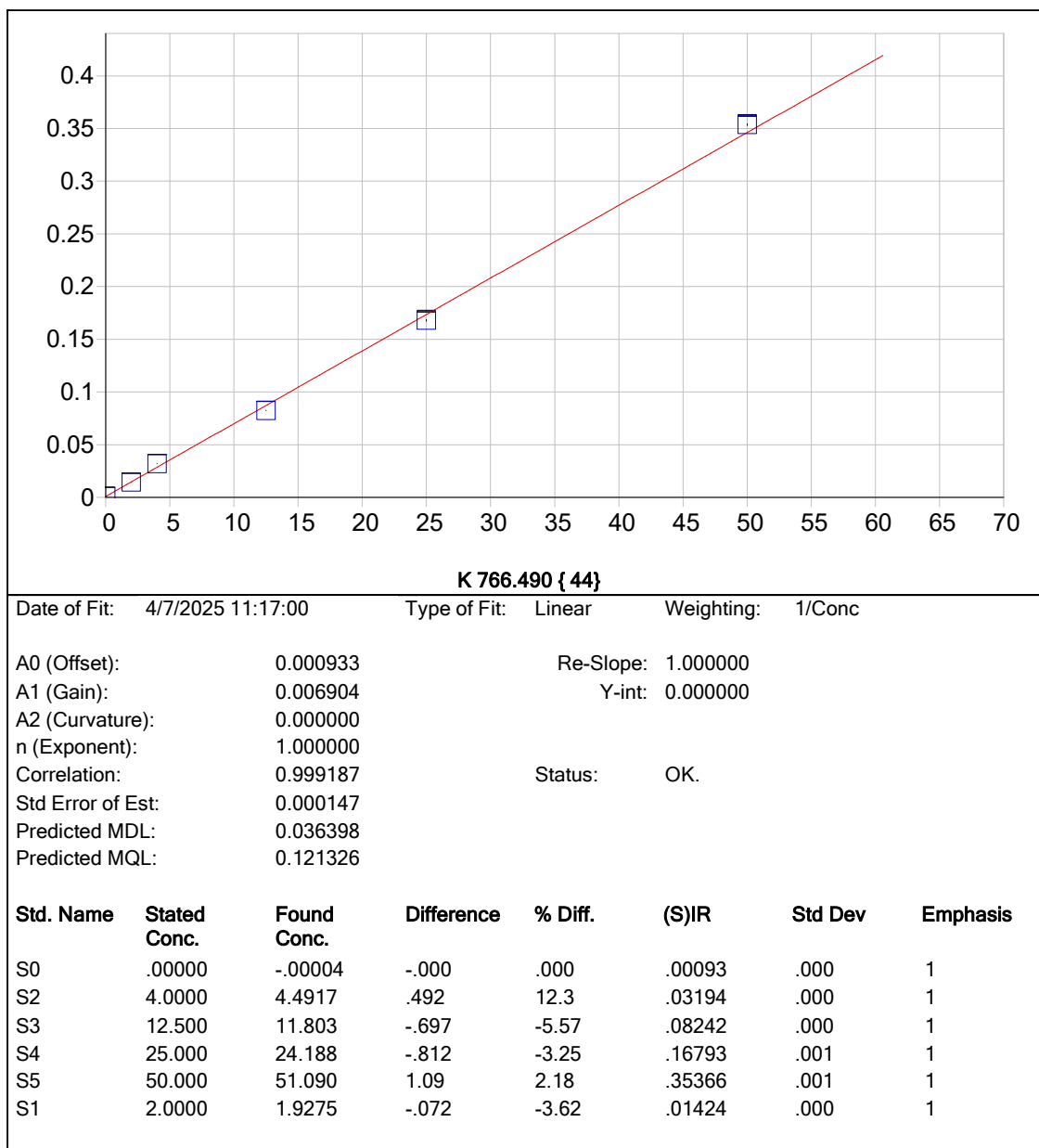
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00192	.000	1
S1	.01000	.01057	.001	5.72	.00096	.000	1
S3	.62500	.63553	.011	1.68	.17160	.000	1
S4	1.2500	1.2470	-.003	-.238	.33852	.001	1
S5	2.5000	2.4584	-.042	-1.66	.66919	.001	1
S2	.20000	.23346	.033	16.7	.06185	.000	1

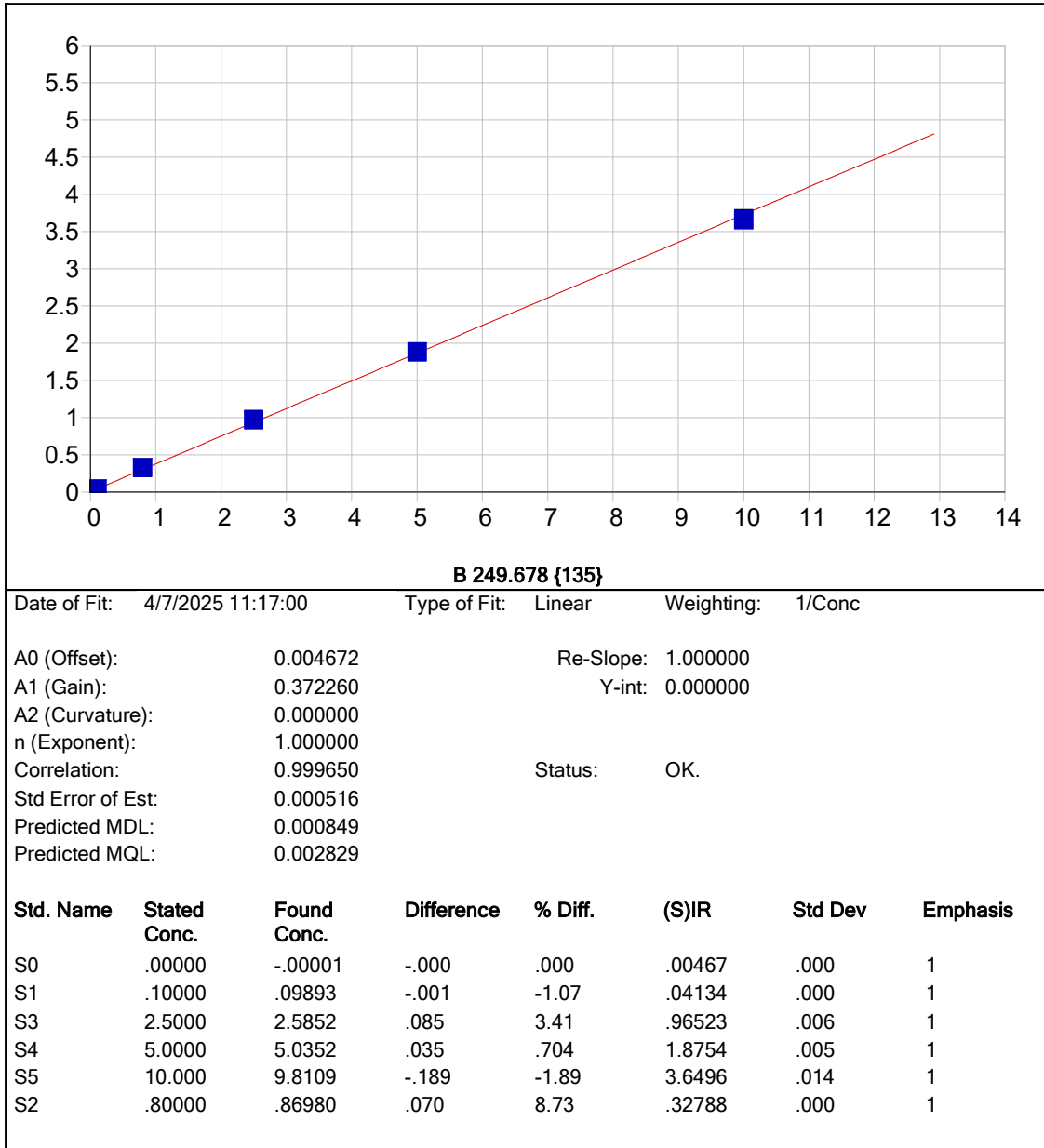


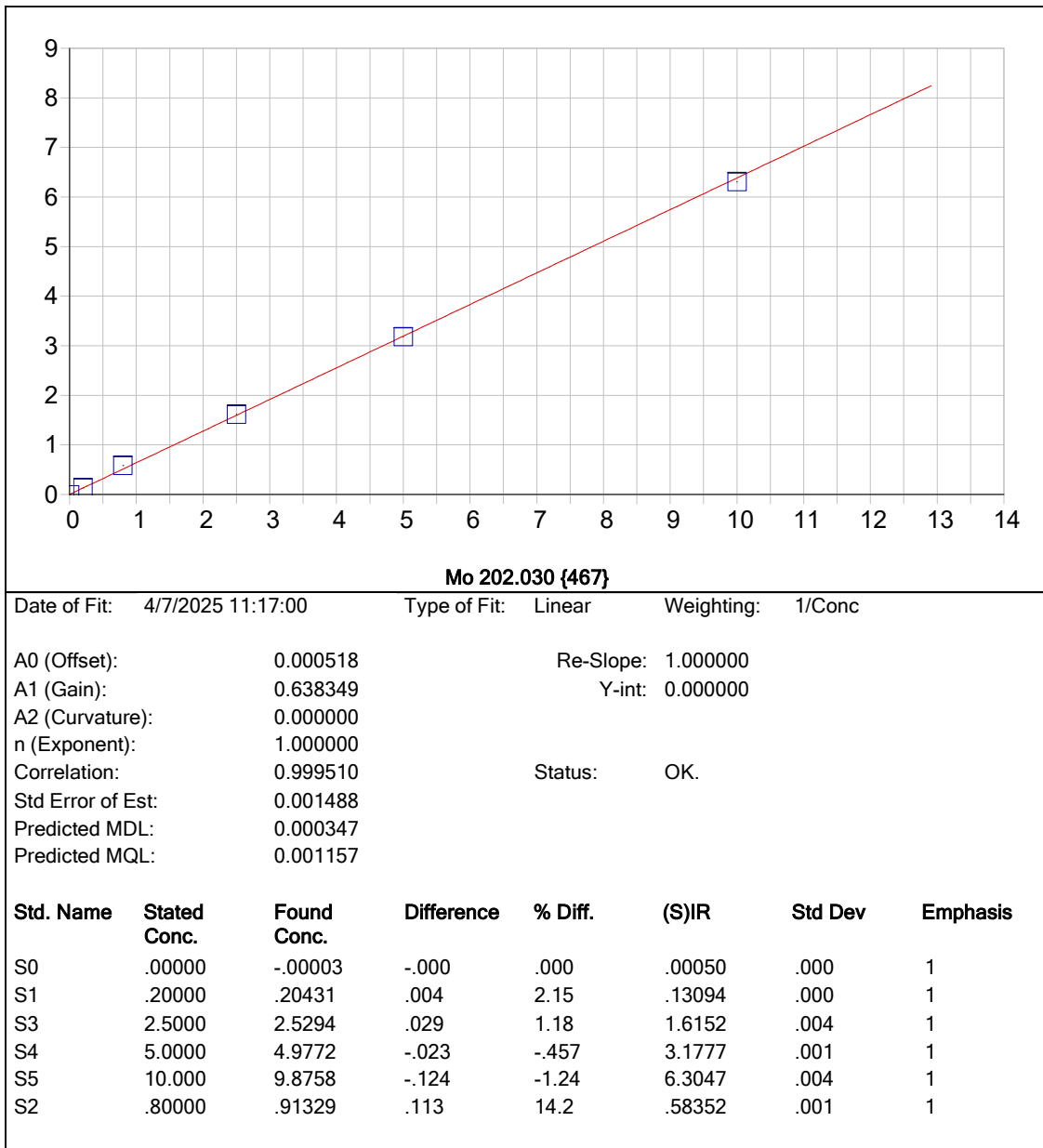


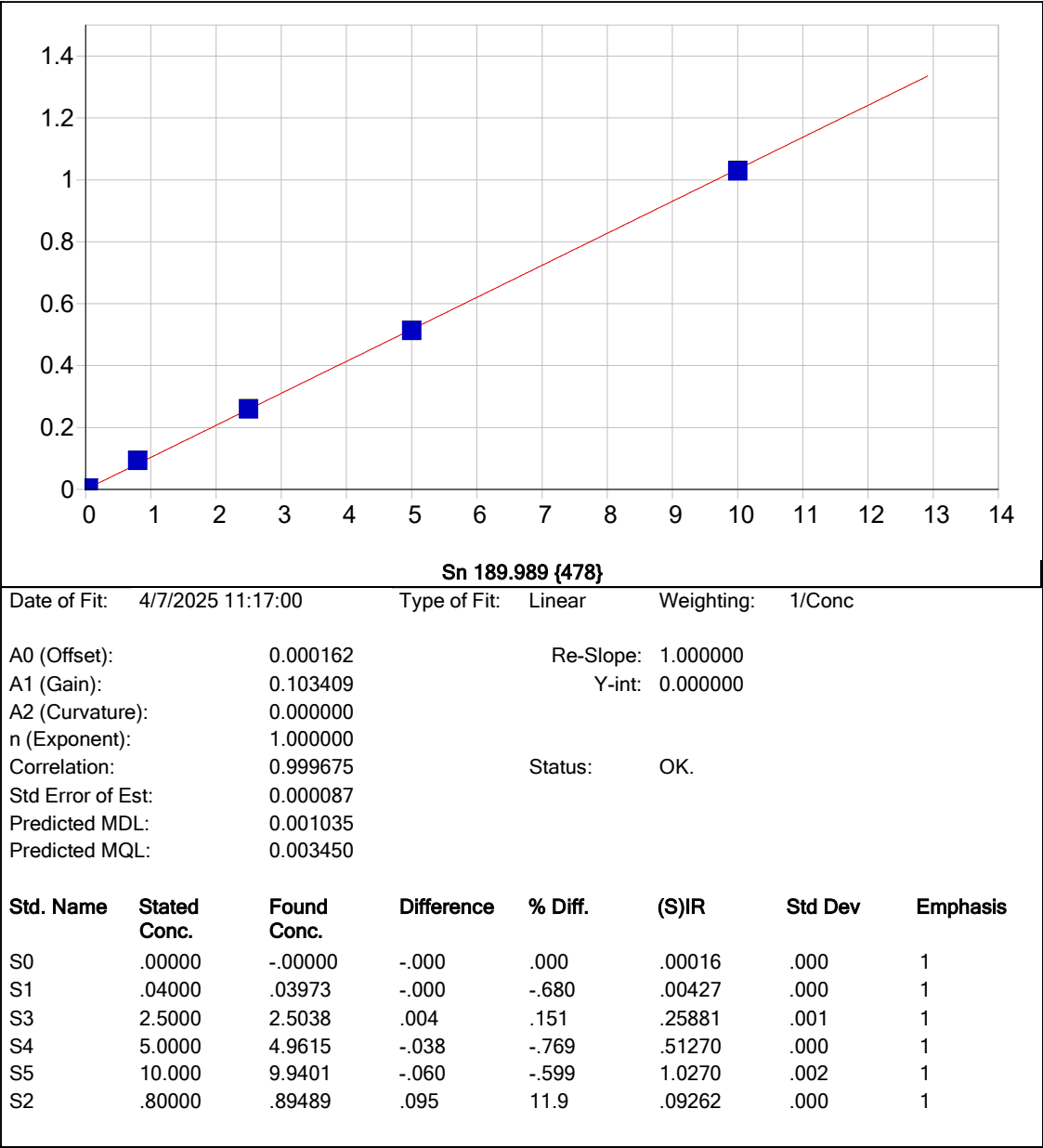


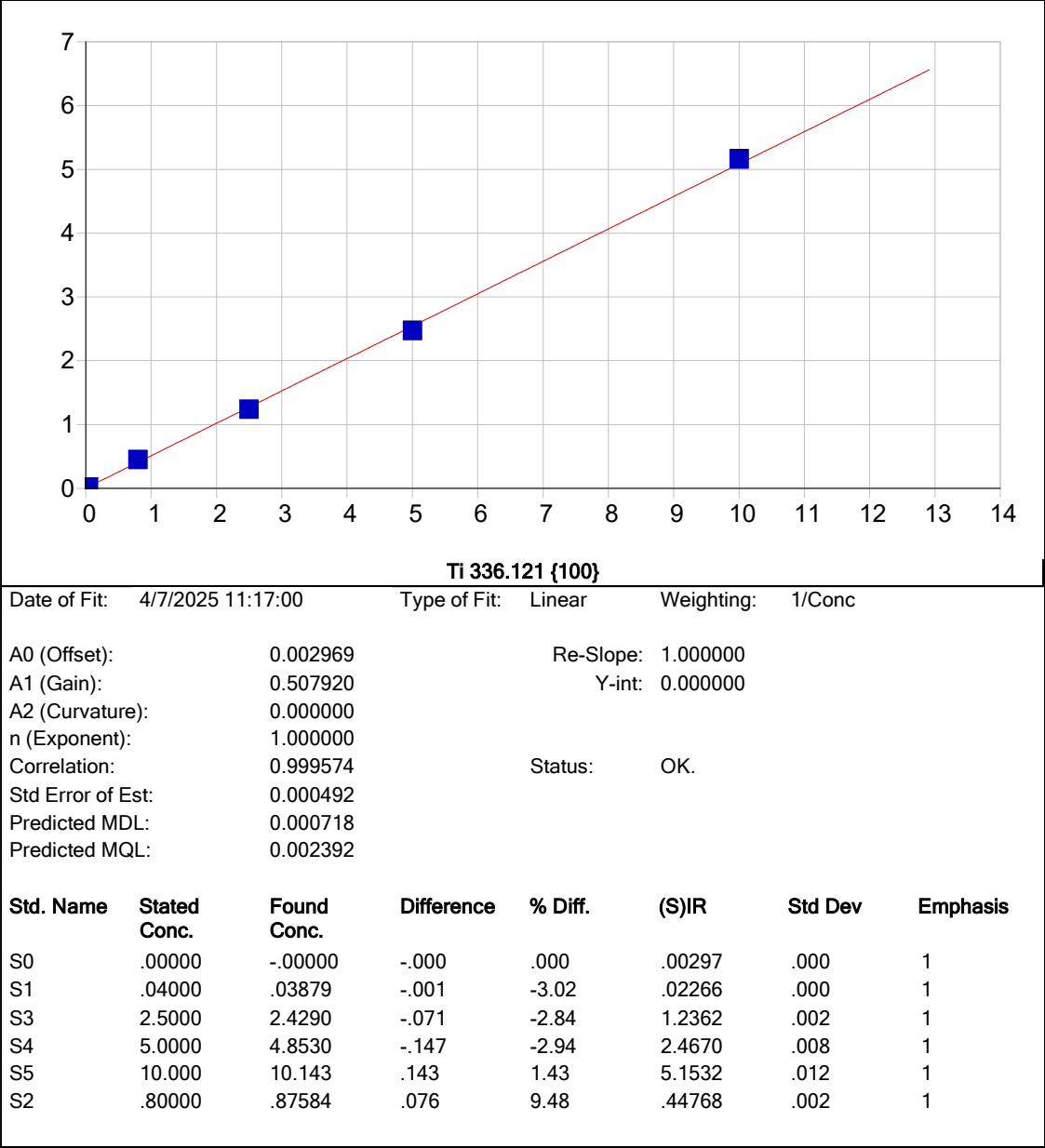


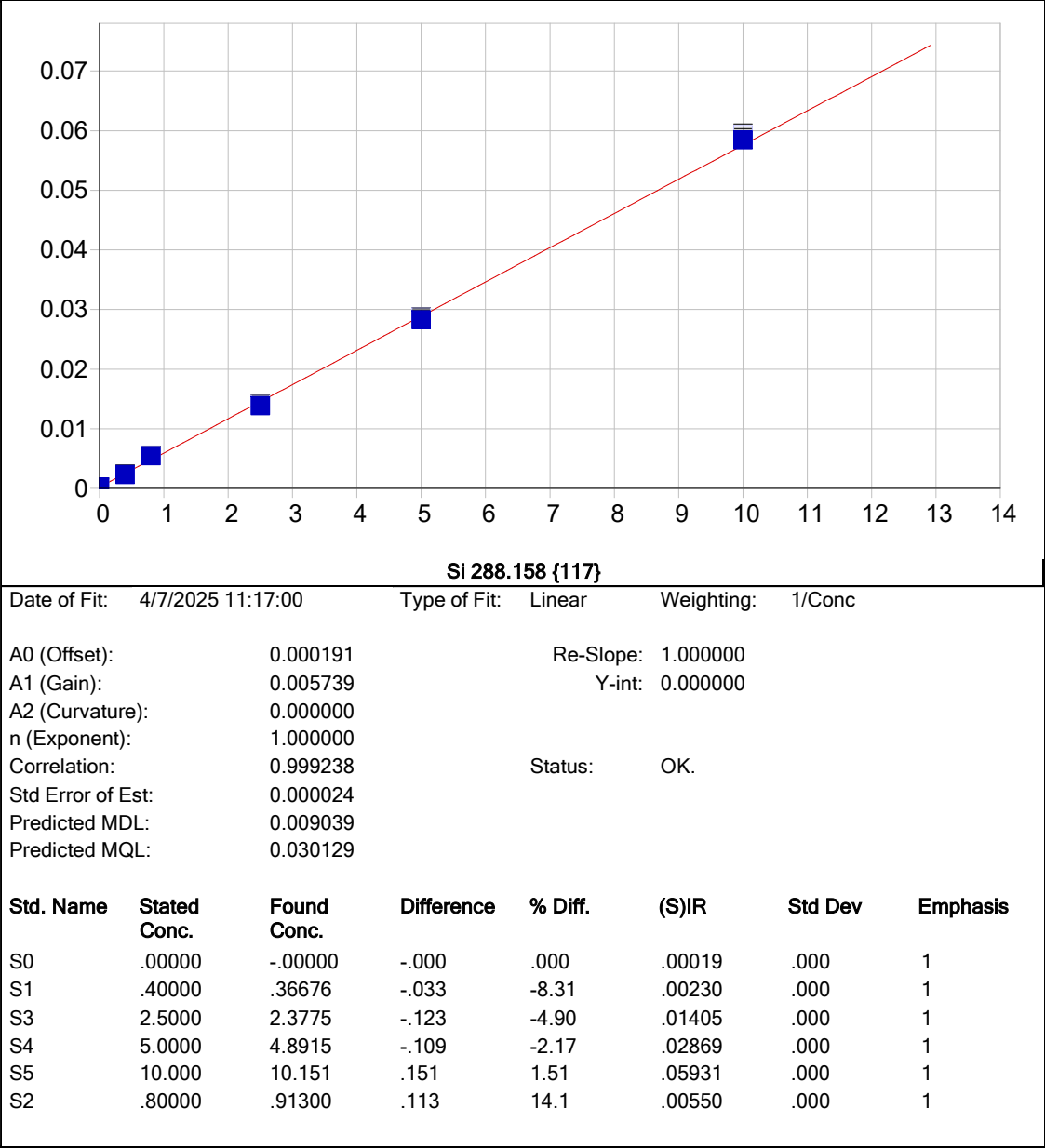


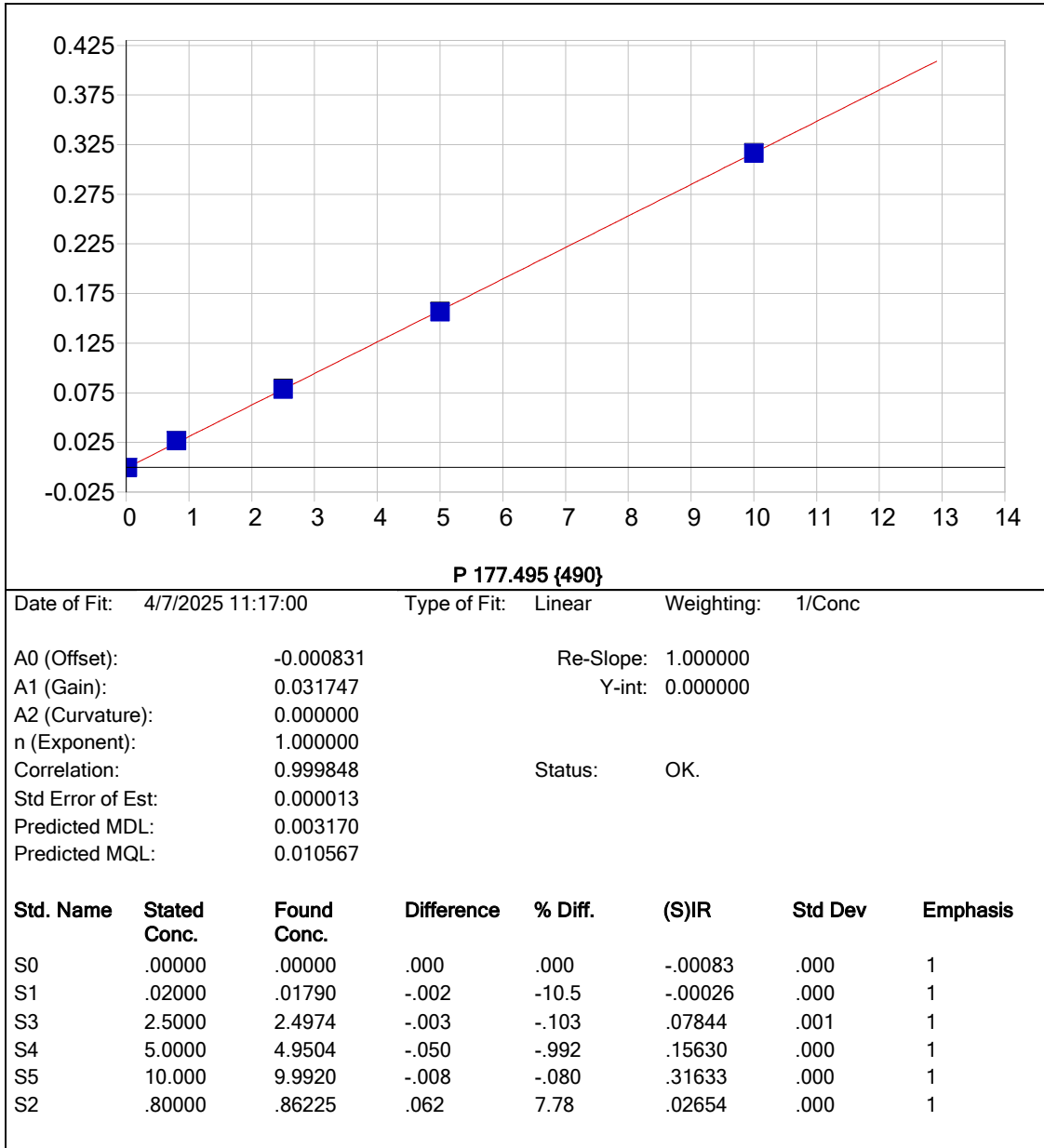


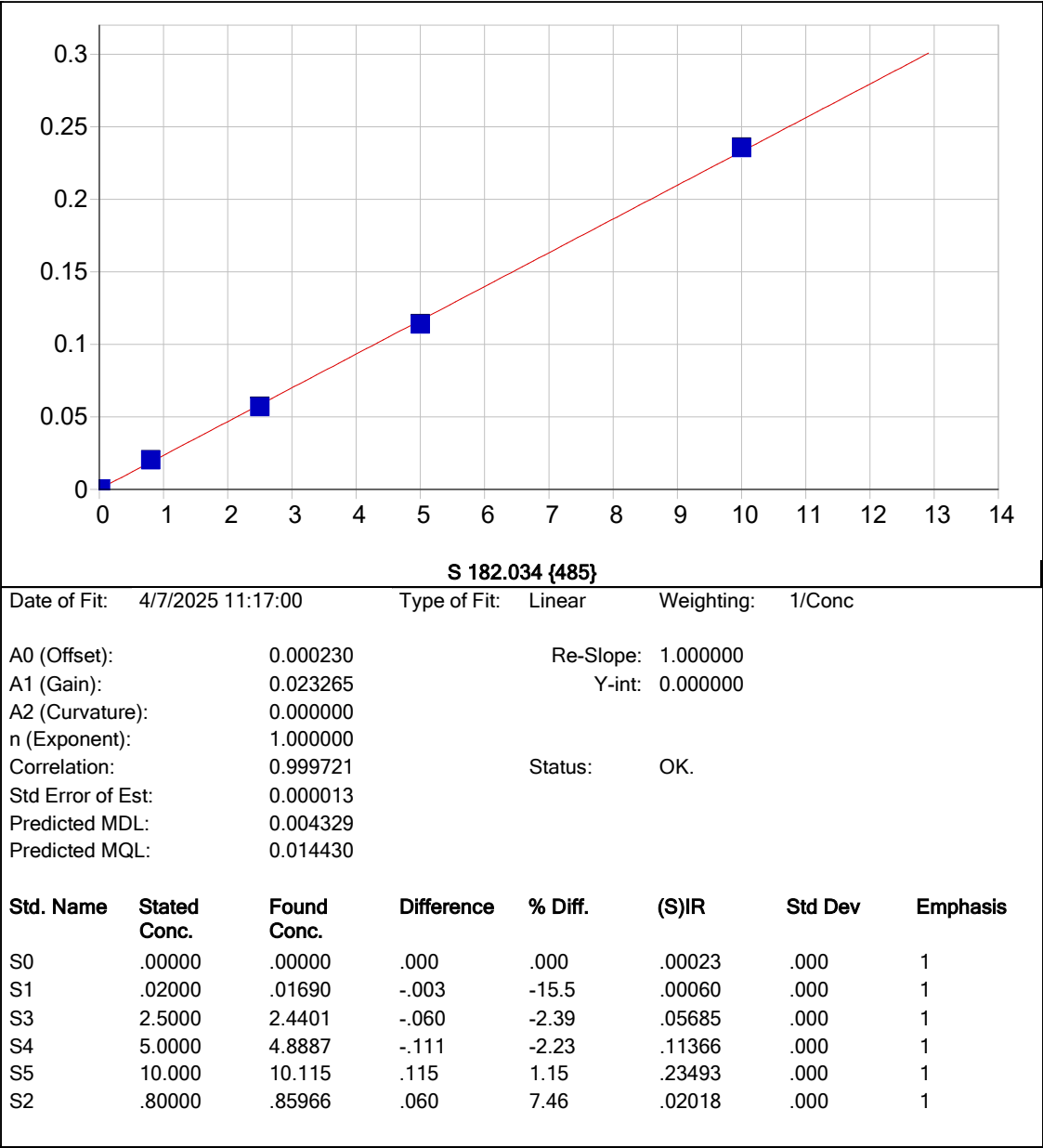


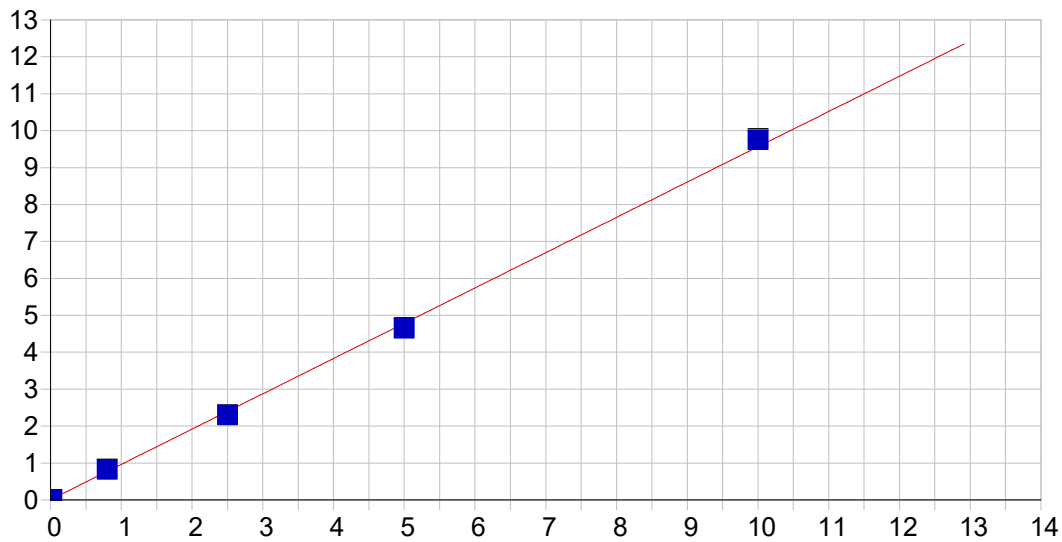










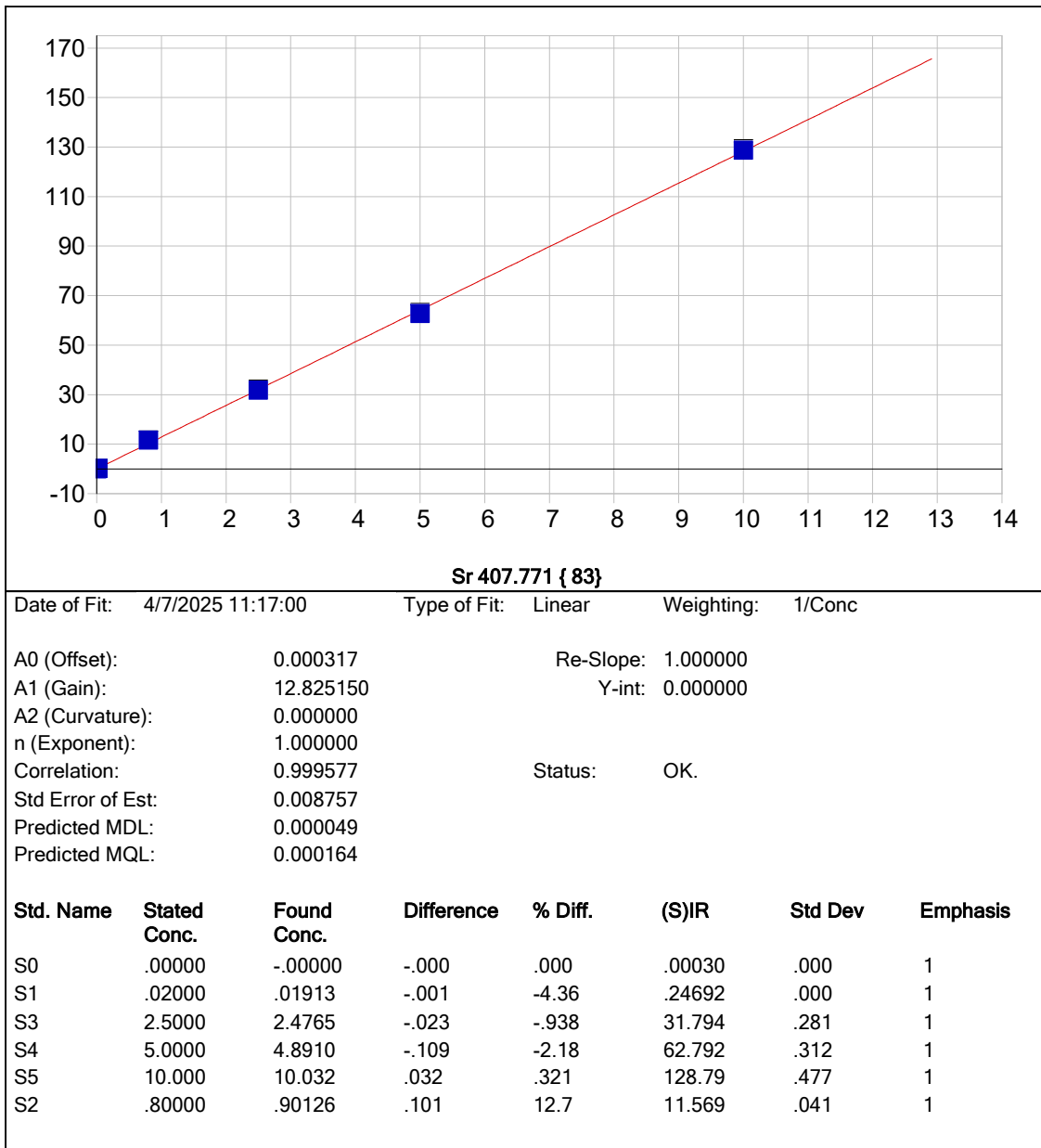


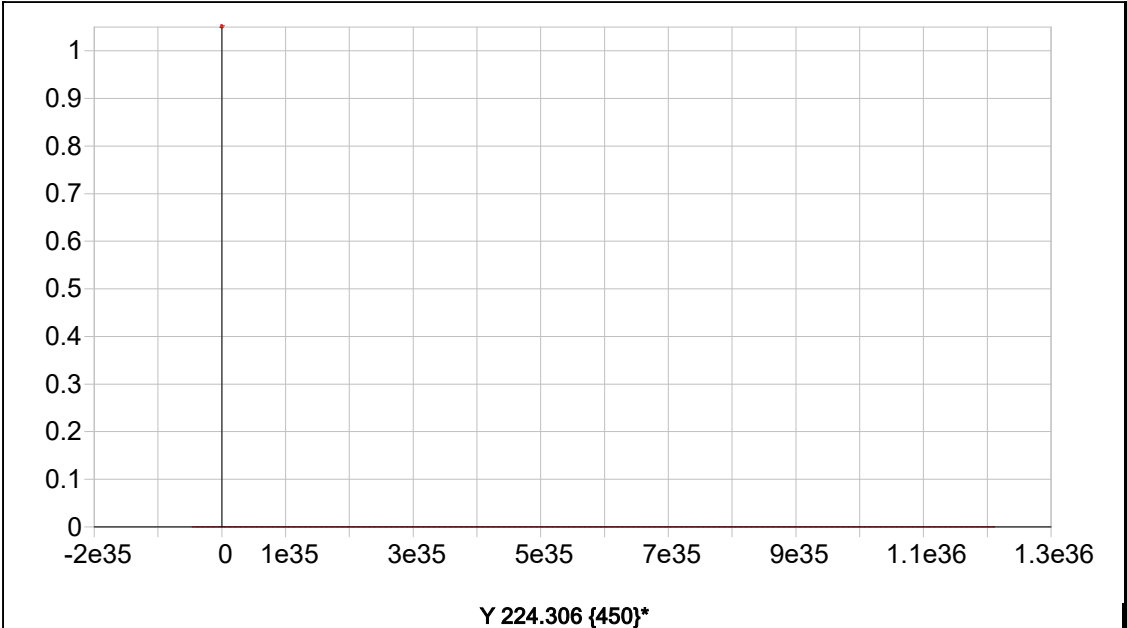
Li 670.784 { 50}

Date of Fit: 4/7/2025 11:17:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006531 Re-Slope: 1.000000
A1 (Gain): 0.955741 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999548 Status: OK.
Std Error of Est: 0.000674
Predicted MDL: 0.001145
Predicted MQL: 0.003815

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00653	.001	1
S5	10.000	10.195	.195	1.95	9.7590	.025	1
S4	5.0000	4.8535	-.146	-2.93	4.6495	.017	1
S3	2.5000	2.3972	-.103	-4.11	2.2998	.002	1
S1	.02000	.01769	-.002	-11.5	.02378	.001	1
S2	.80000	.85657	.057	7.07	.82588	.004	1

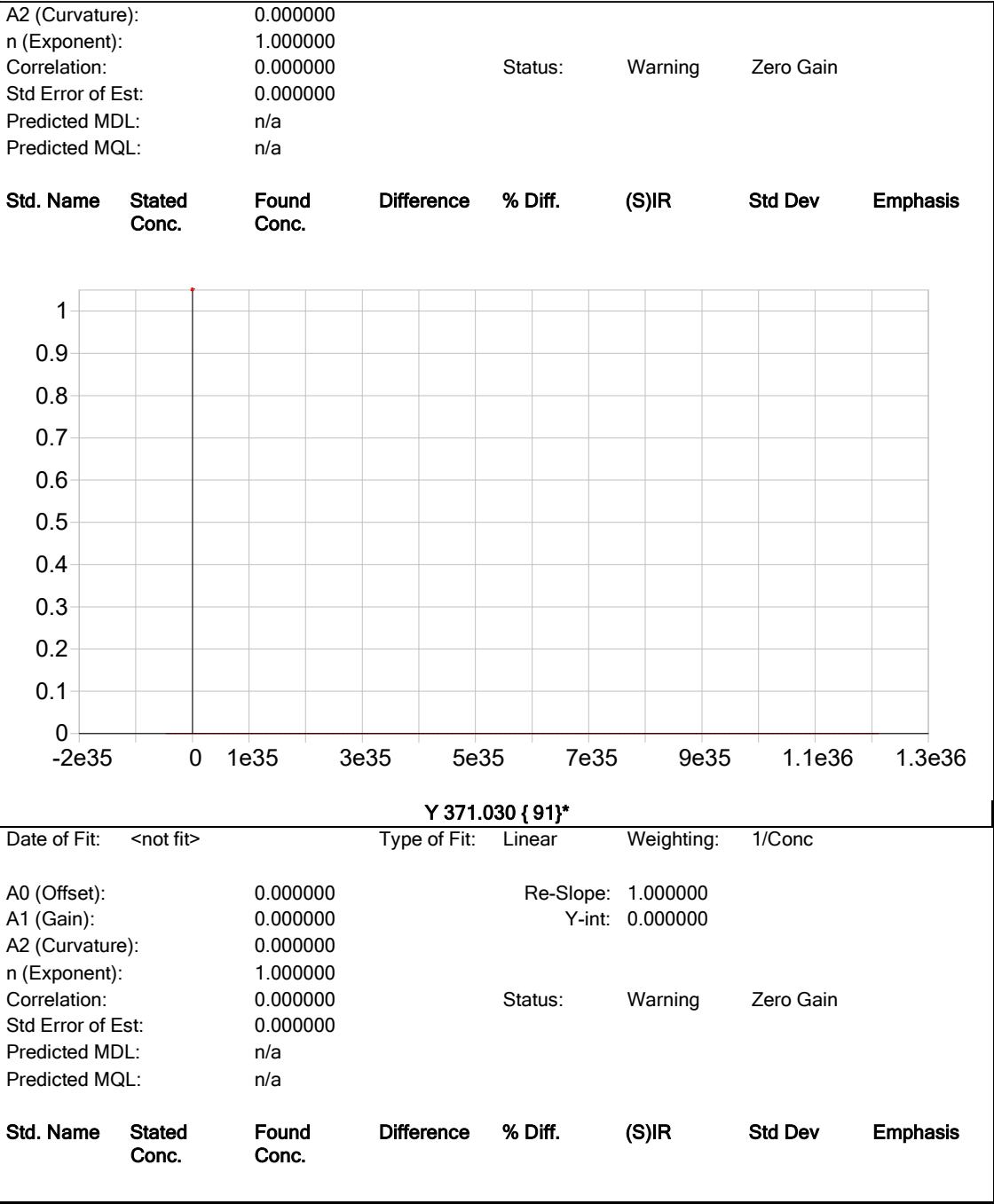


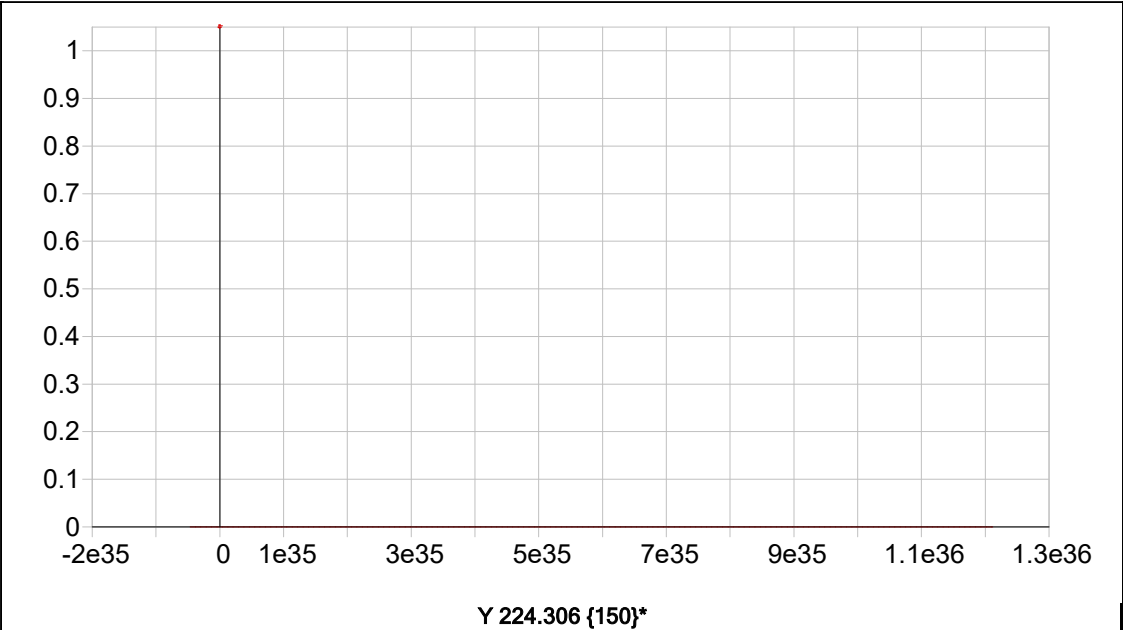


Date of Fit:	2/19/2025 17:23:42	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
Y 360.073 { 94}*							

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
							
ln 230.606 {446}*							

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: 4/7/2025 10:51:09 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	-.00017	-.00020	-.00027	.00033	.00049	-.00023	.03911	.00009
Stddev	.00005	.00000	.00021	.00001	.00014	.00024	.00121	.00010
%RSD	29.727	1.9922	76.921	3.7671	29.351	101.53	3.1002	116.32
#1	-.00011	-.00020	-.00050	.00033	.00062	-.00019	.04048	-.00003
#2	-.00021	-.00020	-.00009	.00033	.00051	-.00002	.03818	.00015
#3	-.00018	-.00019	-.00023	.00031	.00033	-.00049	.03866	.00014
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	-.00003	.00067	.00015	-.00003	-.00020	.00003	.00273	-.00036
Stddev	.00019	.00022	.00008	.00023	.00024	.00001	.00012	.00015
%RSD	705.67	32.917	54.286	681.03	119.59	40.339	4.4638	42.904
#1	.00013	.00079	.00006	-.00006	.00007	.00002	.00260	-.00032
#2	.00003	.00080	.00020	.00021	-.00031	.00003	.00274	-.00023
#3	-.00024	.00041	.00019	-.00025	-.00035	.00004	.00285	-.00053
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	-.00050	-.00192	.01258	-.00004	.00718	.00093	.00467	.00050
Stddev	.00017	.00004	.00023	.00011	.00027	.00013	.00028	.00022
%RSD	33.451	2.0327	1.8486	277.00	3.7346	13.736	5.9889	44.496
#1	-.00068	-.00193	.01267	.00009	.00736	.00106	.00440	.00073
#2	-.00034	-.00188	.01232	-.00008	.00687	.00093	.00496	.00030
#3	-.00048	-.00195	.01276	-.00013	.00732	.00081	.00465	.00046
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	.00016	.00297	.00019	-.00083	.00023	.00653	.00030	
Stddev	.00004	.00019	.00002	.00007	.00006	.00084	.00047	
%RSD	22.241	6.3105	9.3364	8.4536	25.000	12.839	153.88	
#1	.00019	.00291	.00018	-.00089	.00020	.00556	-.00019	
#2	.00018	.00282	.00021	-.00076	.00030	.00705	.00036	
#3	.00012	.00318	.00018	-.00084	.00019	.00698	.00074	

Sample Name: S0 Acquired: 4/7/2025 10:51:09 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	2281.9	51393.	9965.3	1469.0	3626.3
Stddev	4.2	168.	33.8	7.1	2.1
%RSD	.18208	.32691	.33888	.48326	.05741
#1	2277.1	51341.	9993.7	1463.3	3626.1
#2	2284.4	51581.	9927.9	1476.9	3628.4
#3	2284.2	51257.	9974.2	1466.8	3624.3

Sample Name: S1 Acquired: 4/7/2025 10:55:36 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	.00056	.00214	.00248	.00172	.00714	.00874	.30681	.02510
Stddev	.00018	.00007	.00013	.00014	.00002	.00032	.00299	.00030
%RSD	31.871	3.2692	5.2811	7.9858	.27176	3.6584	.97439	1.2102

#1	.00037	.00211	.00255	.00162	.00716	.00862	.30456	.02476
#2	.00058	.00222	.00256	.00188	.00712	.00910	.30566	.02517
#3	.00072	.00210	.00233	.00166	.00713	.00849	.31020	.02536

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	.01334	.11379	.00236	.02572	.01660	.00050	.01524	.03709
Stddev	.00017	.00049	.00005	.00011	.00008	.00002	.00022	.00007
%RSD	1.3085	.43146	2.1447	.44614	.46238	4.9503	1.4267	.19084

#1	.01314	.11325	.00234	.02561	.01659	.00051	.01529	.03701
#2	.01343	.11392	.00232	.02572	.01653	.00047	.01543	.03713
#3	.01345	.11420	.00241	.02584	.01668	.00051	.01500	.03713

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	.02462	.00096	.03490	.00478	.11323	.01424	.04134	.13094
Stddev	.00018	.00010	.00026	.00019	.00099	.00006	.00046	.00039
%RSD	.74202	10.854	.75213	3.8849	.86995	.41356	1.1230	.29628

#1	.02441	.00087	.03460	.00499	.11430	.01427	.04086	.13133
#2	.02475	.00094	.03506	.00474	.11302	.01428	.04138	.13092
#3	.02469	.00107	.03504	.00462	.11237	.01417	.04179	.13056

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	.00427	.02266	.00230	-.00026	.00060	.02378	.24692	
Stddev	.00004	.00024	.00003	.00003	.00008	.00137	.00046	
%RSD	.87546	1.0643	1.4276	10.512	13.805	5.7544	.18457	

#1	.00423	.02258	.00227	-.00023	.00051	.02290	.24640	
#2	.00427	.02246	.00234	-.00026	.00067	.02536	.24725	
#3	.00430	.02293	.00229	-.00029	.00063	.02309	.24710	

Sample Name: S1 Acquired: 4/7/2025 10:55:36 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	2276.5	52255.	10120.	1483.6	3561.3
Stddev	3.5	109.	53.	2.5	7.4
%RSD	.15253	.20893	.52130	.16611	.20863
#1	2274.9	52176.	10140.	1482.4	3556.7
#2	2274.2	52380.	10160.	1486.4	3557.5
#3	2280.5	52210.	10060.	1481.9	3569.9

Sample Name: S2 Acquired: 4/7/2025 11:00:02 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	.02923	.05317	.22410	.06130	.11834	.14486	5.0612	.18817
Stddev	.00012	.00074	.00072	.00017	.00007	.00126	.0171	.00056
%RSD	.39357	1.3954	.32154	.27341	.06178	.86737	.33704	.29558

#1	.02930	.05231	.22334	.06128	.11826	.14346	5.0490	.18843
#2	.02928	.05360	.22419	.06148	.11838	.14588	5.0539	.18753
#3	.02909	.05359	.22478	.06115	.11839	.14524	5.0807	.18855

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0060	.25772	.04277	.39200	.17673	.00472	.27759	.07720
Stddev	.0017	.00075	.00018	.00079	.00032	.00002	.00118	.00036
%RSD	.16843	.29261	.42769	.20241	.18002	.46000	.42675	.45993

#1	1.0041	.25710	.04274	.39125	.17703	.00474	.27685	.07733
#2	1.0063	.25748	.04260	.39193	.17677	.00470	.27697	.07748
#3	1.0075	.25856	.04297	.39283	.17639	.00473	.27896	.07680

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	.28428	.06185	.06713	.05540	1.2043	.03194	.32788	.58352
Stddev	.00057	.00006	.00037	.00014	.0053	.00009	.00046	.00084
%RSD	.19933	.08930	.54423	.24499	.43576	.27785	.13965	.14423

#1	.28363	.06187	.06697	.05543	1.2026	.03204	.32841	.58256
#2	.28469	.06190	.06687	.05552	1.2002	.03186	.32759	.58387
#3	.28452	.06179	.06755	.05525	1.2102	.03193	.32765	.58413

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	.09262	.44768	.00550	.02654	.02018	.82588	11.569
Stddev	.00015	.00206	.00004	.00006	.00005	.00354	.041
%RSD	.16282	.46007	.77725	.22101	.22714	.42862	.35010

#1	.09245	.44635	.00549	.02660	.02021	.82250	11.547
#2	.09267	.44664	.00546	.02654	.02013	.82558	11.545
#3	.09273	.45005	.00555	.02648	.02021	.82956	11.616

Sample Name: S2 Acquired: 4/7/2025 11:00:02 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	2267.4	51419.	10311.	1480.3	3490.3
Stddev	2.7	38.	7.	5.7	.3
%RSD	.11968	.07441	.07227	.38218	.00723
#1	2264.6	51448.	10306.	1485.4	3490.5
#2	2267.7	51434.	10319.	1481.1	3490.4
#3	2270.0	51376.	10306.	1474.2	3490.0

Sample Name: S3 Acquired: 4/7/2025 11:04:15 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	.08116	.14916	.62386	.16768	.32771	.40674	13.898	.55149
Stddev	.00015	.00130	.00184	.00093	.00140	.00098	.014	.00190
%RSD	.17948	.86891	.29511	.55506	.42870	.24107	.10200	.34510

#1	.08114	.14901	.62244	.16784	.32740	.40584	13.886	.54930
#2	.08103	.14795	.62319	.16668	.32648	.40659	13.913	.55276
#3	.08131	.15053	.62594	.16852	.32924	.40778	13.893	.55241

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	2.8193	.71580	.11693	1.0929	.48214	.01189	.75665	.21931
Stddev	.0066	.00080	.00028	.0034	.00067	.00004	.00166	.00120
%RSD	.23535	.11152	.24025	.31265	.13989	.35306	.21980	.54735

#1	2.8173	.71508	.11663	1.0909	.48189	.01190	.75481	.21813
#2	2.8139	.71566	.11697	1.0911	.48164	.01192	.75803	.21929
#3	2.8267	.71666	.11719	1.0969	.48291	.01184	.75711	.22053

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	.79127	.17160	.15892	.15556	3.2695	.08242	.96523	1.6152
Stddev	.00230	.00031	.00058	.00044	.0060	.00017	.00569	.0044
%RSD	.29069	.18033	.36543	.28579	.18396	.20603	.58997	.27110

#1	.78943	.17128	.15959	.15531	3.2700	.08257	.95936	1.6141
#2	.79055	.17160	.15866	.15529	3.2632	.08246	.96560	1.6115
#3	.79385	.17190	.15852	.15607	3.2752	.08224	.97073	1.6200

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	.25881	1.2362	.01405	.07844	.05685	2.2998	31.794	
Stddev	.00110	.0020	.00004	.00055	.00029	.0022	.281	
%RSD	.42359	.16069	.27203	.70594	.50531	.09725	.88516	

#1	.25836	1.2342	.01406	.07828	.05713	2.2976	31.878	
#2	.25800	1.2364	.01408	.07798	.05655	2.3021	32.025	
#3	.26006	1.2381	.01401	.07906	.05686	2.2997	31.481	

Sample Name: S3 Acquired: 4/7/2025 11:04:15 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	2246.4	51341.	9625.3	1456.3	3387.8
Stddev	4.1	34.	44.2	4.1	7.7
%RSD	.18188	.06632	.45921	.28177	.22612
#1	2246.6	51380.	9676.1	1453.1	3388.8
#2	2250.3	51315.	9596.1	1454.9	3394.9
#3	2242.1	51328.	9603.6	1460.9	3379.7

Sample Name: S4 Acquired: 4/7/2025 11:08:30 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	.16147	.29291	1.2276	.33158	.65030	.81841	27.771	1.0749
Stddev	.00057	.00093	.0026	.00130	.00112	.00144	.159	.0022
%RSD	.35325	.31711	.21448	.39253	.17225	.17609	.57141	.20802

#1	.16083	.29311	1.2245	.33022	.64914	.81699	27.755	1.0743
#2	.16192	.29190	1.2287	.33171	.65040	.81988	27.938	1.0773
#3	.16167	.29372	1.2294	.33281	.65137	.81836	27.621	1.0730

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	5.5863	1.4177	.22779	2.1613	.93958	.02363	1.4876	.44024
Stddev	.0018	.0043	.00072	.0020	.00101	.00012	.0093	.00198
%RSD	.03296	.30417	.31673	.09328	.10732	.50241	.62533	.44960

#1	5.5844	1.4195	.22717	2.1590	.94013	.02365	1.4919	.43882
#2	5.5881	1.4208	.22762	2.1628	.93841	.02373	1.4939	.44250
#3	5.5864	1.4128	.22858	2.1622	.94018	.02350	1.4769	.43939

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	1.5550	.33852	.31847	.31178	6.4063	.16793	1.8754	3.1777
Stddev	.0009	.00073	.00126	.00033	.0213	.00094	.0050	.0013
%RSD	.05661	.21538	.39622	.10493	.33318	.56258	.26526	.04214

#1	1.5540	.33900	.31992	.31173	6.4130	.16861	1.8777	3.1763
#2	1.5556	.33768	.31759	.31213	6.3824	.16685	1.8789	3.1778
#3	1.5553	.33888	.31790	.31148	6.4235	.16832	1.8697	3.1789

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	.51270	2.4670	.02869	.15630	.11366	4.6495	62.792	
Stddev	.00041	.0080	.00009	.00039	.00030	.0168	.312	
%RSD	.08083	.32350	.29944	.25199	.26075	.36128	.49734	

#1	.51233	2.4744	.02862	.15663	.11336	4.6683	63.139	
#2	.51262	2.4680	.02867	.15641	.11368	4.6444	62.705	
#3	.51315	2.4585	.02879	.15587	.11395	4.6359	62.533	

Sample Name: S4 Acquired: 4/7/2025 11:08:30 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	2190.4	49979.	9494.8	1395.7	3257.5
Stddev	1.6	77.	48.4	1.8	1.2
%RSD	.07130	.15371	.51026	.12620	.03613
#1	2191.9	50064.	9502.9	1397.0	3258.5
#2	2188.8	49959.	9442.8	1396.5	3256.2
#3	2190.5	49914.	9538.7	1393.7	3257.7

Sample Name: S5 Acquired: 4/7/2025 11:12:48 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	.32487	.57167	2.4529	.66409	1.3120	1.7050	57.779	2.0989
Stddev	.00051	.00282	.0039	.00052	.0019	.0063	.234	.0104
%RSD	.15689	.49257	.15981	.07888	.14098	.37237	.40447	.49450

#1	.32479	.56884	2.4510	.66448	1.3141	1.7033	57.764	2.0941
#2	.32440	.57447	2.4502	.66349	1.3112	1.6997	57.554	2.0917
#3	.32541	.57170	2.4574	.66429	1.3108	1.7121	58.020	2.1108

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	11.246	2.9305	.44450	4.3573	1.8507	.04829	3.0612	.91162
Stddev	.013	.0080	.00178	.0043	.0028	.00024	.0093	.00295
%RSD	.11662	.27262	.40087	.09795	.15139	.50207	.30444	.32400

#1	11.240	2.9301	.44257	4.3557	1.8536	.04843	3.0644	.91302
#2	11.238	2.9228	.44485	4.3541	1.8481	.04844	3.0508	.90823
#3	11.261	2.9387	.44609	4.3622	1.8503	.04801	3.0686	.91361

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	3.1196	.66919	.66983	.64863	12.710	.35366	3.6496	6.3047
Stddev	.0047	.00058	.00088	.00330	.052	.00085	.0138	.0043
%RSD	.15079	.08681	.13154	.50907	.40998	.23985	.37754	.06823

#1	3.1163	.66869	.66992	.64932	12.676	.35300	3.6481	6.3066
#2	3.1175	.66983	.67066	.64504	12.770	.35462	3.6366	6.2998
#3	3.1250	.66905	.66890	.65153	12.684	.35336	3.6640	6.3077

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.0270	5.1532	.05931	.31633	.23493	9.7590	128.79	
Stddev	.0022	.0120	.00026	.00044	.00047	.0248	.48	
%RSD	.21345	.23301	.44206	.13946	.19978	.25410	.37022	

#1	1.0248	5.1559	.05907	.31619	.23544	9.7628	128.36	
#2	1.0270	5.1401	.05927	.31598	.23450	9.7325	128.72	
#3	1.0292	5.1636	.05959	.31682	.23486	9.7816	129.30	

Sample Name: S5 Acquired: 4/7/2025 11:12:48 Type: Cal
Method: NON EPA-6010-200.7(v2710) 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	2111.8	49282.	9356.4	1336.8	3076.9
Stddev	4.2	118.	47.4	2.3	4.6
%RSD	.19655	.23849	.50659	.17042	.14847
#1	2108.7	49396.	9363.5	1335.8	3075.2
#2	2116.5	49287.	9399.9	1335.1	3082.1
#3	2110.1	49162.	9305.9	1339.4	3073.5

Sample Name: ICV01 Acquired: 4/7/2025 12:35:07 Type: Unk
Method: NON EPA-6010-200.7(v2892) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9986112	1.037343	.9768230	1.033418	1.017689	2.403346	.5046295
Stddev	.0077403	.006091	.0026315	.007978	.003593	.003811	.0020289
%RSD	.7751055	.5872019	.2693936	.7720122	.3530738	.1585904	.4020523

#1	.9994345	1.031808	.9764609	1.036001	1.016770	2.400352	.5068685
#2	.9904922	1.036351	.9743912	1.024469	1.014646	2.402049	.5029128
#3	1.005907	1.043869	.9796167	1.039785	1.021653	2.407636	.5041074

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5346381	.4953565	10.27096	.5233482	.5061060	.5208063	9.719878
Stddev	.0008213	.0004120	.01152	.0005095	.0005473	.0018918	.031151
%RSD	.1536086	.0831789	.1121142	.0973462	.1081344	.3632424	.3204889

#1	.5339467	.4951379	10.26215	.5231897	.5055684	.5211308	9.753416
#2	.5355459	.4950999	10.26673	.5229368	.5060870	.5187732	9.691848
#3	.5344218	.4958318	10.28399	.5239180	.5066625	.5225148	9.714371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5153526	6.157813	.5079711	.2417900	10.39884	.5068942	1.008654
Stddev	.0004697	.013103	.0007709	.0005592	.06325	.0015972	.003227
%RSD	.0911327	.2127941	.1517514	.2312918	.6082817	.3150911	.3199204

#1	.5158033	6.163024	.5076667	.2412116	10.46692	.5081056	1.006141
#2	.5153882	6.142906	.5073989	.2423278	10.38770	.5050842	1.007529
#3	.5148661	6.167510	.5088476	.2418307	10.34189	.5074927	1.012293

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.433068	2.532030	2.458224	2.495242	2.513985	2.513034	2.604048
Stddev	.053937	.003277	.007717	.005798	.004461	.003521	.002537
%RSD	.5717880	.1294266	.3139445	.2323553	.1774399	.1401031	.0974210

#1	9.484268	2.528700	2.457702	2.488787	2.518582	2.515566	2.606106
#2	9.438180	2.535252	2.450781	2.496934	2.513699	2.509013	2.604825
#3	9.376758	2.532139	2.466189	2.500006	2.509674	2.514521	2.601214

Sample Name: ICV01 Acquired: 4/7/2025 12:35:07 Type: Unk
Method: NON EPA-6010-200.7(v2892) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.613875	2.534519	2.539924
Stddev	.014520	.010720	.019219
%RSD	.5554827	.4229608	.7566747

#1	2.597142	2.545413	2.551547
#2	2.621335	2.534163	2.550486
#3	2.623148	2.523981	2.517741

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.274	51154.09	9815.522	1411.303	3410.939
Stddev	5.850	111.40	23.005	5.335	4.214
%RSD	.2649341	.2177690	.2343745	.3780177	.1235311

#1	2208.101	51120.68	9807.222	1407.352	3413.156
#2	2214.209	51063.22	9797.818	1417.371	3413.581
#3	2202.512	51278.37	9841.525	1409.184	3406.080

Sample Name: LLICV01 Acquired: 4/7/2025 13:00:27 Type: Unk
Method: NON EPA-6010-200.7(v2893) 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	.0236485	.0406518	.0111099	.0196115	.0526575	.1053135	.0895716
Stddev	.0021741	.0017698	.0004721	.0020853	.0016255	.0013961	.0014948
%RSD	9.193303	4.353544	4.249270	10.63314	3.086975	1.325612	1.668843

#1	.0215822	.0394663	.0115493	.0214625	.0545290	.1059948	.0908177
#2	.0234470	.0426861	.0106108	.0200199	.0518461	.1062380	.0879142
#3	.0259163	.0398029	.0111697	.0173522	.0515973	.1037076	.0899828

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056758	.0057396	1.905230	.0097113	.0291740	.0220717	.0937060
Stddev	.0000538	.0000634	.010682	.0002131	.0002135	.0003325	.0047801
%RSD	.9473402	1.104317	.5606653	2.194030	.7318705	1.506484	5.101159

#1	.0056953	.0057962	1.911659	.0094716	.0290057	.0223156	.0895186
#2	.0056150	.0056711	1.892899	.0097833	.0294142	.0222066	.0926855
#3	.0057170	.0057515	1.911131	.0098791	.0291020	.0216930	.0989140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207064	2.009670	.0392536	.0104341	1.990139	.0387933	.0414724
Stddev	.0004119	.033485	.0002164	.0000473	.046735	.0015309	.0001151
%RSD	1.989128	1.666171	.5513623	.4530889	2.348350	3.946270	.2774459

#1	.0206655	2.030997	.0391833	.0104267	1.957848	.0383221	.0415809
#2	.0203165	1.971076	.0394964	.0104847	2.043730	.0405044	.0413517
#3	.0211372	2.026936	.0390811	.0103910	1.968840	.0375534	.0414845

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.747745	.0894271	.2082171	.0389982	.0376392	.3601572	.0248611
Stddev	.025153	.0009129	.0009837	.0007112	.0013184	.0077777	.0038579
%RSD	1.439188	1.020817	.4724376	1.823739	3.502675	2.159542	15.51796

#1	1.719606	.0902338	.2090345	.0398189	.0362659	.3540425	.0293063
#2	1.768045	.0884361	.2071254	.0385623	.0388947	.3689112	.0228918
#3	1.755585	.0896112	.2084915	.0386133	.0377569	.3575181	.0223853

Sample Name: LLICV01 Acquired: 4/7/2025 13:00:27 Type: Unk
Method: NON EPA-6010-200.7(v2893) 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	.0196101	.0180233	.0188053
Stddev	.0041539	.0004722	.0000703
%RSD	21.18258	2.619946	.3737779

#1	.0161278	.0182010	.0187571
#2	.0242079	.0183808	.0187729
#3	.0184947	.0174880	.0188860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.844	51219.95	10121.61	1428.346	3535.506
Stddev	3.869	361.93	61.59	10.873	5.792
%RSD	.1741190	.7066206	.6085160	.7612083	.1638147

#1	2217.472	51266.48	10096.02	1433.032	3528.893
#2	2223.235	50837.01	10191.87	1415.915	3537.952
#3	2224.825	51556.37	10076.94	1436.089	3539.674

Sample Name: ICB01 Acquired: 4/7/2025 13:05:48 Type: Unk
Method: NON EPA-6010-200.7(v2893) 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	.0007689	-.001212	.0007294	.0004524	.0016698	.0032121	-.001662
Stddev	.0019603	.002243	.0005967	.0011069	.0011585	.0047226	.000436
%RSD	254.9568	185.0701	81.80905	244.6608	69.38128	147.0233	26.21384

#1	-.000155	-.001597	.0000424	-.000785	.0020804	.0040421	-.002049
#2	.003020	.001198	.0011185	.000793	.0003619	.0074648	-.001747
#3	-.000558	-.003238	.0010273	.001349	.0025671	-.001870	-.001190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	-.000079	-.007675	-.000336	.0000971	-.000151	.0324361
Stddev	.000021	.000031	.004798	.000131	.0001701	.000445	.0062722
%RSD	44.25360	38.62428	62.51613	39.02660	175.1481	294.2645	19.33706

#1	-.000031	-.000098	-.009031	-.000210	.0001955	-.000237	.0365584
#2	-.000072	-.000096	-.011649	-.000472	.0001951	-.000548	.0252179
#3	-.000041	-.000044	-.002345	-.000326	-.000099	.000331	.0355320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019061	.0051226	-.000047	.0002903	-.417308	.0008119	-.000242
Stddev	.0001603	.0059156	.000146	.0001604	.019190	.0020695	.000450
%RSD	8.411669	115.4802	312.7693	55.24098	4.598414	254.9012	186.2489

#1	.0020907	.0071234	.000119	.0002967	-.395522	-.001237	-.000383
#2	.0018252	-.001534	-.000160	.0004474	-.431704	.002902	-.000604
#3	.0018023	.009778	-.000099	.0001268	-.424699	.000771	.000262

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.153184	-.009133	-.000227	-.001085	.0004164	.0008703	-.001108
Stddev	.018029	.000425	.000262	.000866	.0002886	.0022709	.001906
%RSD	11.76979	4.656842	115.6134	79.84565	69.31404	260.9259	172.1201

#1	-.135473	-.009602	-.000427	-.000138	.0007067	-.001374	-.000109
#2	-.152565	-.008772	-.000324	-.001838	.0004131	.003167	.000092
#3	-.171516	-.009025	.000070	-.001278	.0001294	.000818	-.003306

Sample Name: ICB01 Acquired: 4/7/2025 13:05:48 Type: Unk
Method: NON EPA-6010-200.7(v2893) 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	-.000701	-.001123	-.000131
Stddev	.002740	.000561	.000038
%RSD	390.8905	49.94030	28.76031

#1	-.003862	-.000591	-.000165
#2	.000768	-.001070	-.000138
#3	.000992	-.001709	-.000091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.513	49980.71	10028.70	1389.871	3563.429
Stddev	3.916	92.76	26.02	5.872	3.988
%RSD	.1765891	.1855865	.2594423	.4225091	.1119053

#1	2213.231	49893.62	10006.94	1396.226	3561.851
#2	2218.396	50078.25	10057.52	1384.645	3560.472
#3	2220.913	49970.25	10021.65	1388.744	3567.964

Sample Name: CRI01 Acquired: 4/7/2025 13:10:09 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227668	.0406786	.0117094	.0210042	.0537970	.1033478	.0905940
Stddev	.0028310	.0030322	.0006270	.0013495	.0003408	.0033312	.0005057
%RSD	12.43476	7.454130	5.354621	6.424744	.6335117	3.223241	.5581623

#1	.0195258	.0388312	.0121901	.0205329	.0538606	.1007437	.0900148
#2	.0247567	.0390266	.0110002	.0199537	.0541015	.1071015	.0908195
#3	.0240180	.0441782	.0119380	.0225262	.0534289	.1021983	.0909476

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056693	.0057750	1.923162	.0098453	.0297864	.0223722	.0997617
Stddev	.0000453	.0000389	.025644	.0001314	.0001832	.0003877	.0026631
%RSD	.7984121	.6727364	1.333414	1.334944	.6149478	1.733111	2.669496

#1	.0056388	.0057328	1.897634	.0098011	.0296134	.0222215	.1001178
#2	.0057213	.0058092	1.922930	.0097418	.0299783	.0228127	.0969384
#3	.0056477	.0057832	1.948920	.0099932	.0297675	.0220825	.1022288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211726	2.031789	.0397098	.0109436	1.459358	.0381768	.0414187
Stddev	.0001590	.013519	.0003541	.0001189	.011321	.0002287	.0000830
%RSD	.7507778	.6653961	.8916592	1.086002	.7757847	.5990768	.2003007

#1	.0210257	2.016535	.0393037	.0110355	1.446347	.0383960	.0414495
#2	.0213414	2.036537	.0399536	.0109858	1.466962	.0379396	.0413247
#3	.0211507	2.042293	.0398721	.0108093	1.464764	.0381947	.0414818

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.873969	.0890002	.2097660	.0395503	.0384777	.3743464	.0171066
Stddev	.010786	.0010345	.0011262	.0002770	.0000462	.0029449	.0015468
%RSD	.5755717	1.162311	.5368691	.7004746	.1201470	.7866855	9.042382

#1	1.862868	.0879222	.2103376	.0397623	.0384320	.3710081	.0184969
#2	1.874630	.0899848	.2104918	.0396519	.0384767	.3765764	.0154403
#3	1.884409	.0890935	.2084687	.0392368	.0385244	.3754547	.0173825

Sample Name: CRI01 Acquired: 4/7/2025 13:10:09 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0169535	.0172073	.0189834
Stddev	.0039595	.0004825	.0000491
%RSD	23.35491	2.804243	.2588181
#1	.0160640	.0177014	.0189335
#2	.0135144	.0167373	.0190318
#3	.0212820	.0171831	.0189849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2211.557	50486.11	10273.60	1405.241	3503.008
Stddev	5.860	149.84	44.26	3.186	5.694
%RSD	.2649791	.2967973	.4307703	.2267068	.1625357
#1	2205.269	50657.95	10322.54	1408.504	3498.060
#2	2212.535	50382.70	10261.85	1402.139	3509.232
#3	2216.867	50417.68	10236.41	1405.081	3501.734

Sample Name: ICSA01 Acquired: 4/7/2025 13:14:28 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031502	.0060279	.0069416	-.016618	.0029700	244.1646	.0031830
Stddev	.0015188	.0007623	.0016112	.001596	.0009448	.8512	.0002191
%RSD	48.21167	12.64663	23.21146	9.605766	31.81159	.3486302	6.883269

#1	.0015598	.0051822	.0087092	-.015401	.0038112	243.7176	.0032664
#2	.0033055	.0066621	.0065603	-.016027	.0031512	243.6300	.0033482
#3	.0045854	.0062395	.0055551	-.018425	.0019478	245.1462	.0029345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015482	.0016451	230.7384	.0586430	.0017839	.0212698	101.3146
Stddev	.0000520	.0001821	.6982	.0003983	.0003214	.0006782	.2793
%RSD	3.361542	11.07171	.3025873	.6791792	18.01908	3.188353	.2757113

#1	.0014888	.0018526	230.7610	.0584239	.0018692	.0219086	101.1150
#2	.0015698	.0015118	230.0292	.0584024	.0014284	.0213427	101.1949
#3	.0015860	.0015709	231.4250	.0591027	.0020541	.0205581	101.6338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029280	248.2958	.0023505	-.004957	-.262336	.0051475	.0045272
Stddev	.0003620	1.0605	.0002355	.000223	.020207	.0015482	.0001524
%RSD	12.36482	.4271263	10.01999	4.506492	7.702747	30.07602	3.367081

#1	.0027257	248.1902	.0024872	-.004740	-.285221	.0062025	.0044373
#2	.0027124	247.2921	.0020786	-.005186	-.254836	.0033702	.0047032
#3	.0033460	249.4052	.0024857	-.004944	-.246952	.0058698	.0044411

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.132901	-.021512	-.001747	-.004905	-.001355	.0167203	.0009611
Stddev	.010665	.000482	.000386	.001882	.000282	.0131191	.0023095
%RSD	8.025001	2.242533	22.08065	38.36809	20.83411	78.46208	240.2933

#1	-.123693	-.021399	-.002028	-.005168	-.001680	.0114754	-.001666
#2	-.130423	-.021097	-.001906	-.002905	-.001170	.0316504	.002671
#3	-.144588	-.022041	-.001307	-.006641	-.001215	.0070350	.001879

Sample Name: ICSA01 Acquired: 4/7/2025 13:14:28 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007657	-.017007	-.005805
Stddev	.001691	.000171	.000122
%RSD	22.08908	1.007626	2.099890

#1	-.007880	-.016896	-.005665
#2	-.005865	-.016920	-.005873
#3	-.009226	-.017204	-.005879

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.922	44752.45	9590.641	1273.705	2848.370
Stddev	6.200	179.99	42.779	10.695	4.048
%RSD	.3097054	.4022005	.4460523	.8396429	.1421118

#1	1998.843	44887.31	9582.494	1284.770	2847.180
#2	1997.864	44821.97	9636.908	1272.921	2845.050
#3	2009.059	44548.06	9552.521	1263.424	2852.879

Sample Name: ICSAB01 Acquired: 4/7/2025 13:18:53 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1091196	.1016301	.0547064	.0414446	.6187269	238.0796	.4783205
Stddev	.0110848	.0026321	.0015735	.0023040	.0028974	3.4304	.0027440
%RSD	10.15842	2.589860	2.876262	5.559324	.4682807	1.440874	.5736777

#1	.1208198	.1037212	.0553516	.0418935	.6167448	234.1185	.4802228
#2	.1077642	.0986745	.0558547	.0389491	.6173839	240.0478	.4751749
#3	.0987747	.1024946	.0529128	.0434911	.6220521	240.0724	.4795638

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4564441	.9866395	228.8359	.5550659	.5015059	.4997651	105.6225
Stddev	.0031604	.0012471	1.2260	.0014062	.0011729	.0004341	.7756
%RSD	.6923990	.1263997	.5357765	.2533371	.2338690	.0868540	.7343341

#1	.4536700	.9853742	228.7097	.5558942	.5013596	.4994049	106.3787
#2	.4557778	.9866768	227.6779	.5534423	.5004131	.4996434	104.8288
#3	.4598846	.9878676	230.1202	.5558613	.5027451	.5002471	105.6599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4593979	242.6305	.9909976	.1851094	-.301827	.4563495	1.034380
Stddev	.0030669	1.3939	.0019467	.0007813	.006658	.0011434	.002465
%RSD	.6676006	.5744773	.1964383	.4220769	2.205926	.2505444	.2383078

#1	.4579797	241.9238	.9896929	.1855728	-.309464	.4560690	1.037159
#2	.4572966	241.7316	.9900647	.1855480	-.297246	.4576071	1.033526
#3	.4629173	244.2362	.9932352	.1842073	-.298769	.4553725	1.032456

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.135549	1.004387	1.133540	1.136656	1.052815	1.065716	1.085206
Stddev	.010072	.002475	.000155	.003083	.005439	.004877	.003612
%RSD	7.430403	.2464648	.0136914	.2712652	.5165904	.4576460	.3327942

#1	-.131454	1.002621	1.133615	1.136907	1.051059	1.070127	1.084573
#2	-.128170	1.003322	1.133644	1.133455	1.048471	1.066541	1.081953
#3	-.147024	1.007216	1.133362	1.139606	1.058915	1.060478	1.089093

Sample Name: ICSAB01 Acquired: 4/7/2025 13:18:53 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.097519	.9987718	.9743853
Stddev	.007601	.0062834	.0054806
%RSD	.6925306	.6291164	.5624635

#1	1.106289	1.002116	.9771612
#2	1.092848	.991523	.9680722
#3	1.093419	1.002676	.9779226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.663	45284.83	10233.38	1285.770	2815.869
Stddev	.898	120.93	57.65	8.873	5.918
%RSD	.0454686	.2670446	.5633427	.6900768	.2101571

#1	1974.374	45158.89	10281.54	1276.315	2817.321
#2	1975.670	45400.04	10249.10	1293.915	2820.925
#3	1973.945	45295.56	10169.50	1287.080	2809.360

Sample Name: ICSADLX20 Acquired: 4/7/2025 13:23:05 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008176	.0011732	-.000123	-.001561	-.000370	12.00778	-.000961
Stddev	.0030108	.0010516	.000643	.002592	.000324	.01179	.000099
%RSD	368.2634	89.63764	521.9523	166.0342	87.61599	.0982245	10.25502

#1	.0042934	.0012572	.000200	-.003952	-.000018	11.99919	-.001075
#2	-.000984	.0021804	-.000864	-.001924	-.000436	12.00292	-.000909
#3	-.000857	.0000821	.000294	.001193	-.000657	12.02123	-.000899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001245	-.000027	11.91334	.0023849	.0002386	.0013719	5.214164
Stddev	.0000431	.000057	.02032	.0003092	.0000706	.0001861	.002868
%RSD	34.58968	210.2702	.1705294	12.96528	29.57922	13.56544	.0550072

#1	.0001150	-.000071	11.89087	.0024525	.0002530	.0011733	5.213681
#2	.0001715	-.000048	11.91875	.0026548	.0001619	.0014000	5.217243
#3	.0000869	.000038	11.93040	.0020475	.0003008	.0015423	5.211568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018709	12.18207	.0000681	-.000061	-.442050	.0008595	-.000591
Stddev	.0001999	.05732	.0001392	.000123	.016508	.0016713	.000747
%RSD	10.68674	.4705444	204.4814	203.9130	3.734386	194.4534	126.4433

#1	.0019385	12.12348	.0000414	.000020	-.449977	-.000597	-.001066
#2	.0020283	12.18470	.0002187	.000001	-.453099	.002684	-.000976
#3	.0016460	12.23804	-.000056	-.000203	-.423074	.000491	.000270

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201186	-.009484	-.000427	-.000979	.0004626	-.003947	-.001835
Stddev	.022484	.000550	.000119	.000473	.0001028	.004877	.001729
%RSD	11.17587	5.797010	27.78198	48.29045	22.22288	123.5584	94.22819

#1	-.210475	-.008849	-.000400	-.000437	.0005688	.001647	-.003689
#2	-.175546	-.009780	-.000558	-.001306	.0004553	-.007303	-.001550
#3	-.217537	-.009821	-.000325	-.001195	.0003636	-.006185	-.000266

Sample Name: ICSADLX20 Acquired: 4/7/2025 13:23:05 Type: Unk
Method: NON EPA-6010-200.7(v2893) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000940	-.002651	-.000352
Stddev	.001067	.000841	.000022
%RSD	113.4756	31.71436	6.138421

#1	-.002096	-.001805	-.000341
#2	-.000732	-.002661	-.000338
#3	.000007	-.003486	-.000377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.702	49632.72	10346.11	1398.241	3460.326
Stddev	.897	220.39	45.28	8.266	7.844
%RSD	.0403647	.4440401	.4376405	.5911886	.2266832

#1	2221.321	49885.49	10398.06	1407.672	3451.398
#2	2222.726	49531.88	10325.30	1394.799	3463.471
#3	2221.059	49480.80	10314.98	1392.252	3466.110

Sample Name: ICSABDLX20 Acquired: 4/7/2025 13:37:51 Type: Unk
Method: NON EPA-6010-200.7(v2710) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073445	.0064537	.0027129	.0017299	.0297126	12.12814	.0216283
Stddev	.0010979	.0015509	.0002713	.0011485	.0012393	.02229	.0005459
%RSD	14.94837	24.03058	10.00193	66.38663	4.171080	.1837481	2.523802

#1	.0082383	.0082423	.0030247	.0009859	.0309181	12.10259	.0214416
#2	.0061190	.0056353	.0025841	.0011513	.0284420	12.14360	.0222430
#3	.0076761	.0054834	.0025299	.0030526	.0297776	12.13821	.0212003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258254	.0497798	11.99339	.0287481	.0250859	.0275935	4.929000
Stddev	.0001146	.0001009	.01397	.0002714	.0001690	.0005001	.017878
%RSD	.4438401	.2027386	.1165035	.9440979	.6738053	1.812470	.3627061

#1	.0257779	.0496698	11.99542	.0284358	.0249250	.0271694	4.931483
#2	.0259562	.0498017	11.97852	.0288815	.0252621	.0274661	4.910011
#3	.0257422	.0498680	12.00625	.0289269	.0250705	.0281450	4.945506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255737	12.31533	.0506299	.0090656	-.464558	.0237931	.0509399
Stddev	.0003314	.01707	.0002414	.0005461	.010105	.0013550	.0000828
%RSD	1.295884	.1386250	.4768676	6.024146	2.175082	5.695007	.1625448

#1	.0256994	12.30646	.0504740	.0096459	-.454389	.0253573	.0508730
#2	.0251978	12.33502	.0505078	.0089891	-.474596	.0230440	.0510325
#3	.0258238	12.30453	.0509080	.0085617	-.464689	.0229781	.0509141

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.223099	.0345363	.0586990	.0557403	.0541560	.0386908	.0437124
Stddev	.039846	.0002230	.0003584	.0002557	.0006372	.0105849	.0028558
%RSD	17.86013	.6456954	.6106300	.4587598	1.176560	27.35770	6.533188

#1	-.226867	.0345195	.0585378	.0558966	.0540861	.0280784	.0424876
#2	-.181503	.0343221	.0591097	.0554452	.0548252	.0387459	.0469763
#3	-.260927	.0347672	.0584495	.0558791	.0535566	.0492481	.0416733

Sample Name: ICSABDLX20 Acquired: 4/7/2025 13:37:51 Type: Unk
Method: NON EPA-6010-200.7(v2710) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0546785	.0476358	.0490519
Stddev	.0052626	.0010928	.0000657
%RSD	9.624575	2.294142	.1340233

#1	.0486042	.0473119	.0489796
#2	.0578633	.0488539	.0491081
#3	.0575679	.0467414	.0490681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.902	50421.42	9778.199	1426.744	3396.022
Stddev	3.965	137.56	34.350	5.906	5.768
%RSD	.1803303	.2728240	.3512869	.4139606	.1698465

#1	2197.134	50513.51	9793.130	1430.186	3397.618
#2	2203.443	50487.45	9802.557	1430.122	3400.824
#3	2196.127	50263.29	9738.911	1419.924	3389.624

Sample Name: CCV01 Acquired: 4/7/2025 13:42:11 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.998148	5.100096	4.973754	5.028018	5.044854	9.832461	9.855406
Stddev	.011346	.019785	.014855	.017795	.022855	.013927	.100722
%RSD	.2270122	.3879266	.2986597	.3539169	.4530433	.1416450	1.021994

#1	4.993298	5.080414	4.963372	5.009468	5.025303	9.828158	9.742712
#2	4.990033	5.099892	4.967119	5.029638	5.039279	9.821193	9.886855
#3	5.011114	5.119982	4.990769	5.044947	5.069982	9.848032	9.936650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486603	2.481280	24.50141	1.010984	2.483321	1.263541	4.980519
Stddev	.0001715	.005828	.06940	.002740	.006150	.003781	.015303
%RSD	.0689632	.2348586	.2832325	.2710551	.2476650	.2992218	.3072627

#1	.2487245	2.479330	24.44700	1.013109	2.481606	1.259281	4.997750
#2	.2487904	2.476678	24.47768	1.007891	2.478209	1.264843	4.968513
#3	.2484659	2.487833	24.57956	1.011951	2.490146	1.266498	4.975293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.449860	24.39642	2.486557	1.261365	24.84474	2.458652	2.523467
Stddev	.003460	.10309	.004809	.001452	.11145	.002503	.003858
%RSD	.1412145	.4225802	.1933976	.1150932	.4485671	.1017921	.1528682

#1	2.447471	24.28987	2.483438	1.261954	24.93103	2.456071	2.520060
#2	2.448282	24.40372	2.484138	1.259711	24.71891	2.461068	2.522685
#3	2.453827	24.49567	2.492095	1.262430	24.88427	2.458817	2.527655

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.91861	4.997568	5.094282	4.994379	4.907404	4.936135	5.094198
Stddev	.14797	.012479	.014474	.010141	.003864	.030845	.013065
%RSD	.5938282	.2496927	.2841140	.2030435	.0787325	.6248852	.2564745

#1	25.01574	5.003065	5.079450	4.994533	4.902956	4.916101	5.089766
#2	24.74830	5.006355	5.095026	4.984162	4.909328	4.920650	5.083926
#3	24.99178	4.983285	5.108369	5.004441	4.909928	4.971655	5.108903

Sample Name: CCV01 Acquired: 4/7/2025 13:42:11 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.922041	4.975103	5.010307
Stddev	.006447	.004475	.031108
%RSD	.1309899	.0899518	.6208797
#1	4.928640	4.971998	4.974478
#2	4.915757	4.980233	5.030443
#3	4.921727	4.973078	5.026000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.586	49647.82	9585.218	1383.793	3252.482
Stddev	5.400	287.12	38.479	13.811	6.396
%RSD	.2481897	.5783096	.4014404	.9980244	.1966627
#1	2181.449	49691.13	9617.933	1395.045	3256.988
#2	2174.493	49910.82	9594.896	1387.954	3255.298
#3	2170.817	49341.50	9542.824	1368.381	3245.161

Sample Name: CCB01 Acquired: 4/7/2025 13:50:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0011940	.0007424	-.000111	.0001431	-.000190	.0042208	-.002376
Stddev	.0026135	.0017532	.000859	.0021100	.000904	.0038171	.000685
%RSD	218.8823	236.1523	774.7106	1474.861	475.7452	90.43687	28.82263

#1	.0029591	.0021419	.000133	-.002231	.000854	.0084608	-.002554
#2	.0024313	-.001224	-.001066	.001804	-.000725	.0010582	-.002955
#3	-.001808	.001309	.000600	.000856	-.000700	.0031433	-.001620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	-.000023	-.005364	-.000131	.0002071	-.000277	-.003958
Stddev	.000022	.000077	.002861	.000526	.0002448	.000234	.001237
%RSD	57.21672	331.9890	53.33590	401.4720	118.1729	84.64438	31.24878

#1	-.000042	.000060	-.007128	.000452	.0000114	-.000129	-.002961
#2	-.000014	-.000090	-.006901	-.000277	.0001285	-.000547	-.003570
#3	-.000057	-.000039	-.002063	-.000568	.0004816	-.000154	-.005342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016834	.0045474	.0002757	.0003851	-.470385	.0015026	-.000941
Stddev	.0004399	.0089071	.0000968	.0000255	.007168	.0017517	.000265
%RSD	26.13028	195.8753	35.10498	6.622476	1.523804	116.5741	28.12731

#1	.0013800	-.005670	.0001842	.0004129	-.477972	.0024804	-.000948
#2	.0014823	.010676	.0003771	.0003794	-.469456	-.000520	-.001203
#3	.0021879	.008636	.0002658	.0003629	-.463727	.002547	-.000674

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.226667	-.006045	-.000475	-.000432	.0005637	-.001707	-.002158
Stddev	.026009	.000499	.000279	.000506	.0006645	.005302	.001353
%RSD	11.47458	8.253537	58.62554	117.1158	117.8865	310.5685	62.69403

#1	-.225339	-.006619	-.000778	-.000815	.0005044	-.007598	-.001968
#2	-.201347	-.005793	-.000419	.000142	-.000069	.002684	-.003597
#3	-.253314	-.005722	-.000229	-.000623	.001256	-.000208	-.000911

Sample Name: CCB01 Acquired: 4/7/2025 13:50:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.000257	-.001562	.0000181
Stddev	.001867	.001211	.0000505
%RSD	727.1171	77.51623	278.5237
#1	.001357	-.001319	-.000035
#2	.000175	-.000491	.000025
#3	-.002301	-.002875	.000065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.742	50056.28	10419.07	1389.249	3558.448
Stddev	1.863	137.69	23.12	4.631	4.164
%RSD	.0843310	.2750638	.2218957	.3333130	.1170207
#1	2210.812	50084.21	10436.97	1387.343	3557.101
#2	2208.211	49906.77	10392.96	1394.529	3563.119
#3	2207.202	50177.86	10427.27	1385.876	3555.124

Sample Name: PB167491BL Acquired: 4/7/2025 14:03:34 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0007271	.0010875	-.000389	.0007022	.0007067	.0075126	-.000757
Stddev	.0030552	.0014859	.001077	.0008880	.0012924	.0065901	.001208
%RSD	420.1696	136.6366	276.8890	126.4705	182.8743	87.72024	159.5572

#1	.0009979	-.000625	-.001598	.0010555	.0019425	.0011683	-.001312
#2	.0036380	.001849	-.000037	.0013591	.0008136	.0070458	-.001587
#3	-.002454	.002038	.000468	-.000308	-.000636	.0143236	.000629

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000012	-.002220	-.000217	.0000403	-.000126	-.000608
Stddev	.000015	.000045	.005772	.000070	.0000489	.000273	.002443
%RSD	45.31559	372.4614	259.9458	32.22741	121.1248	217.7076	401.9574

#1	-.000035	-.000060	.000235	-.000138	.0000879	.000041	-.002535
#2	-.000016	-.000006	-.008814	-.000272	.0000429	.000023	-.001427
#3	-.000045	.000029	.001918	-.000241	-.000010	-.000441	.002139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014210	.0008154	.0002150	.0000347	-.530423	-.000280	-.001052
Stddev	.0002104	.0190223	.0002282	.0002540	.007388	.001055	.000136
%RSD	14.80391	2332.940	106.1173	731.2660	1.392816	376.8890	12.93041

#1	.0014370	.0086315	.0001477	-.000243	-.538129	.000915	-.001202
#2	.0012031	-.020870	.0004693	.000256	-.523401	-.001083	-.000938
#3	.0016230	.014685	.0000281	.000091	-.529740	-.000673	-.001015

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.249850	-.007749	-.000521	-.000085	-.000017	.0007692	-.002198
Stddev	.037642	.000174	.000167	.000581	.000771	.0057297	.001475
%RSD	15.06601	2.244267	32.11216	681.3766	4524.021	744.8655	67.12769

#1	-.270116	-.007806	-.000714	-.000441	.000830	-.005635	-.000494
#2	-.273017	-.007887	-.000431	-.000401	-.000201	.002535	-.003054
#3	-.206416	-.007554	-.000418	.000586	-.000679	.005408	-.003045

Sample Name: PB167491BL Acquired: 4/7/2025 14:03:34 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.004666	-.000954	-.000031
Stddev	.001885	.000145	.000006
%RSD	40.38808	15.18302	18.14660

#1	-.006722	-.000885	-.000024
#2	-.004256	-.000857	-.000033
#3	-.003021	-.001121	-.000035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.465	50887.18	9875.348	1449.089	3638.096
Stddev	6.031	25.48	38.543	5.962	7.264
%RSD	.2669003	.0500670	.3902917	.4114082	.1996616

#1	2255.832	50863.01	9918.908	1455.708	3632.723
#2	2266.426	50884.75	9845.666	1444.141	3646.360
#3	2256.136	50913.79	9861.471	1447.417	3635.206

Sample Name: PB167491BS Acquired: 4/7/2025 14:19:12 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.7489575	1.873270	.9155707	1.915088	.7774439	1.808159	.1733701
Stddev	.0022491	.023376	.0026483	.005409	.0026207	.005659	.0008939
%RSD	.3002969	1.247879	.2892545	.2824546	.3370885	.3129616	.5156281

#1	.7485257	1.851478	.9165386	1.921059	.7803319	1.808699	.1742927
#2	.7469555	1.870372	.9125745	1.913687	.7767824	1.813529	.1725078
#3	.7513911	1.897960	.9175988	1.910517	.7752173	1.802250	.1733097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1867126	.1823704	.9134295	.3796029	.1862536	.2970724	2.747773
Stddev	.0007563	.0002249	.0065078	.0007119	.0004686	.0000883	.024553
%RSD	.4050510	.1232999	.7124609	.1875396	.2516148	.0297353	.8935607

#1	.1874061	.1823752	.9188920	.3802964	.1865485	.2970598	2.765750
#2	.1859062	.1821431	.9062291	.3796386	.1857133	.2969911	2.757771
#3	.1868254	.1825928	.9151673	.3788739	.1864991	.2971664	2.719798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1844763	1.761613	.4682172	.0716027	3.002346	.2704945	.1913039
Stddev	.0007210	.010106	.0001796	.0002561	.030564	.0006110	.0000424
%RSD	.3908245	.5737004	.0383582	.3576897	1.017989	.2258759	.0221590

#1	.1852254	1.772809	.4680789	.0718526	3.017538	.2705068	.1912624
#2	.1844164	1.753162	.4681524	.0716147	3.022336	.2698774	.1913471
#3	.1837872	1.758870	.4684202	.0713408	2.967163	.2710992	.1913023

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.807521	.3150523	.3838366	.6517663	.1787971	.9015257	5.565816
Stddev	.069424	.0011206	.0007632	.0013698	.0000645	.0090029	.011305
%RSD	.7882380	.3556990	.1988292	.2101620	.0360551	.9986336	.2031105

#1	8.815861	.3144106	.3832570	.6528225	.1787471	.8915060	5.578390
#2	8.872398	.3144001	.3835514	.6502186	.1787742	.9089348	5.562567
#3	8.734303	.3163463	.3847012	.6522577	.1788698	.9041364	5.556492

Sample Name: PB167491BS Acquired: 4/7/2025 14:19:12 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	8.922683	.1877553	.1792763
Stddev	.008901	.0003723	.0008118
%RSD	.0997612	.1982895	.4528157
#1	8.912405	.1876370	.1799664
#2	8.927881	.1881724	.1794807
#3	8.927764	.1874566	.1783819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.096	51364.65	9869.282	1430.054	3431.459
Stddev	3.872	203.88	53.256	9.190	5.426
%RSD	.1766937	.3969171	.5396139	.6426629	.1581205
#1	2186.747	51176.31	9808.621	1421.820	3425.470
#2	2194.166	51336.51	9908.353	1428.373	3436.046
#3	2192.376	51581.14	9890.871	1439.969	3432.861

Sample Name: PB167471BL Acquired: 4/7/2025 14:23:15 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0019689	-.000255	.0006288	.0007189	.0014407	.0034169	-.000719
Stddev	.0009696	.000711	.0013602	.0042808	.0016323	.0058964	.000415
%RSD	49.24768	278.3455	216.3212	595.4381	113.2973	172.5647	57.80976

#1	.0030583	-.000015	.0010828	.0020597	.0033026	-.000399	-.000428
#2	.0012002	.000304	.0017039	.0041689	.0007638	.010208	-.001195
#3	.0016483	-.001056	-.000900	-.004072	.0002558	.000442	-.000533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	.0000188	-.004708	-.000159	.0000364	-.000540	-.000780
Stddev	.000044	.0000488	.006361	.000181	.0001835	.000280	.001393
%RSD	69.63974	259.6114	135.1152	113.7592	503.6173	51.83539	178.7297

#1	-.000040	-.000004	.001511	-.000326	.0002483	-.000805	-.000203
#2	-.000036	-.000014	-.004432	-.000183	-.000070	-.000568	-.002369
#3	-.000114	.000075	-.011202	.000033	-.000069	-.000247	.000233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014111	-.005183	.0000121	.0002236	-.519735	.0009330	-.001389
Stddev	.0000401	.007372	.0002741	.0002141	.010992	.0017409	.000233
%RSD	2.843857	142.2459	2266.549	95.73604	2.114961	186.5961	16.80723

#1	.0014336	.000105	-.000269	.0000707	-.532427	.0029379	-.001414
#2	.0014349	-.002049	.000279	.0004683	-.513461	.0000561	-.001609
#3	.0013647	-.013604	.000026	.0001319	-.513316	-.000195	-.001144

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.216763	-.009539	-.000439	-.000699	-.000112	-.003748	-.000811
Stddev	.016765	.000855	.000382	.000163	.000344	.007564	.001463
%RSD	7.734278	8.963909	87.00902	23.27431	307.1142	201.8216	180.3747

#1	-.212285	-.010315	-.000172	-.000792	.000226	-.004008	.000819
#2	-.235313	-.008622	-.000269	-.000794	-.000100	.003943	-.002011
#3	-.202693	-.009678	-.000876	-.000511	-.000462	-.011178	-.001241

Sample Name: PB167471BL Acquired: 4/7/2025 14:23:15 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.001253	-.001724	-.000041
Stddev	.000503	.000511	.000043
%RSD	40.12137	29.65777	106.2729
#1	-.001826	-.001134	-.000041
#2	-.001044	-.002005	-.000084
#3	-.000888	-.002032	.000003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.015	51122.27	10674.47	1453.789	3575.359
Stddev	5.377	165.45	33.53	9.203	9.204
%RSD	.2403501	.3236352	.3141269	.6330448	.2574151
#1	2234.765	51051.72	10710.25	1443.197	3574.585
#2	2243.151	51003.79	10643.76	1458.337	3584.925
#3	2233.129	51311.30	10669.40	1459.832	3566.567

Sample Name: PB167471BS Acquired: 4/7/2025 14:34:30 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.7780046	1.986955	.9375255	1.976608	.8065618	1.838744	.1796000
Stddev	.0126487	.007147	.0048729	.012580	.0056362	.000689	.0005168
%RSD	1.625791	.3596795	.5197620	.6364651	.6987914	.0374800	.2877563

#1	.7659843	1.989078	.9336143	1.968197	.8009544	1.839094	.1792381
#2	.7768297	1.992801	.9359779	1.970555	.8065046	1.837950	.1801919
#3	.7911997	1.978988	.9429842	1.991070	.8122263	1.839188	.1793700

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1855101	.1877708	.9397424	.3946132	.1909412	.3057028	2.909538
Stddev	.0007347	.0008824	.0094380	.0027160	.0007456	.0014346	.030750
%RSD	.3960390	.4699238	1.004322	.6882770	.3904917	.4692799	1.056873

#1	.1853513	.1868915	.9503179	.3930995	.1901886	.3041870	2.942777
#2	.1863112	.1877646	.9367337	.3929912	.1909555	.3058820	2.882104
#3	.1848678	.1886562	.9321755	.3977487	.1916796	.3070394	2.903733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1852668	1.794278	.4808576	.0738241	3.012239	.2765051	.1970976
Stddev	.0014764	.008295	.0014569	.0003465	.016095	.0020448	.0008046
%RSD	.7968863	.4623019	.3029834	.4693648	.5343066	.7395144	.4082113

#1	.1836204	1.801354	.4795665	.0736192	2.998156	.2741683	.1962353
#2	.1857070	1.796329	.4805692	.0736290	3.008779	.2779660	.1978282
#3	.1864731	1.785149	.4824372	.0742242	3.029782	.2773812	.1972292

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.381234	.2602579	.3987369	.6727477	.1823650	.7738226	5.704938
Stddev	.095305	.0007480	.0018827	.0020076	.0007889	.0120073	.015937
%RSD	1.015912	.2874136	.4721572	.2984116	.4326006	1.551684	.2793528

#1	9.415984	.2599744	.3975384	.6713077	.1831912	.7613332	5.689271
#2	9.273430	.2611062	.3977653	.6718944	.1822841	.7852813	5.704410
#3	9.454289	.2596930	.4009068	.6750409	.1816196	.7748533	5.721132

Sample Name: PB167471BS Acquired: 4/7/2025 14:34:30 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	9.248180	.1884301	.1817343
Stddev	.034702	.0007284	.0007195
%RSD	.3752294	.3865520	.3958886
#1	9.218429	.1880221	.1811843
#2	9.239810	.1892711	.1814702
#3	9.286302	.1879972	.1825485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.361	50244.08	10123.31	1402.513	3413.485
Stddev	10.071	117.83	34.34	5.524	13.054
%RSD	.4631864	.2345114	.3391743	.3938658	.3824227
#1	2179.249	50258.04	10133.83	1408.690	3421.206
#2	2181.055	50354.30	10084.95	1400.805	3420.837
#3	2162.778	50119.89	10151.16	1398.045	3398.414

Sample Name: Q1504-05 Acquired: 4/7/2025 14:38:31 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0058624	.0014817	-.000210	-.002934	-.001868	-.013973	.0020673
Stddev	.0075515	.0016229	.000912	.002720	.001266	.007563	.0009377
%RSD	128.8114	109.5292	434.2378	92.71390	67.79796	54.12648	45.35823

#1	.0075318	.0003414	-.000071	-.005100	-.002358	-.020310	.0028620
#2	-.002384	.0033397	.000624	-.003821	-.000430	-.005601	.0010331
#3	.012440	.0007640	-.001183	.000119	-.002815	-.016008	.0023069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000763	-.000067	49.68474	-.001136	-.000142	-.000670	-.001898
Stddev	.0000182	.000025	.17672	.000306	.000132	.000174	.002007
%RSD	23.82428	37.80913	.3556842	26.92327	93.48597	25.93997	105.7626

#1	.0000964	-.000045	49.49787	-.001117	-.000105	-.000544	-.002558
#2	.0000610	-.000062	49.84916	-.001451	-.000288	-.000868	-.003492
#3	.0000714	-.000095	49.70719	-.000840	-.000031	-.000598	.000356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004480	16.50885	.0002871	.0000729	54.15804	.0009710	-.000580
Stddev	.000058	.05094	.0004769	.0001515	.25578	.0025352	.000217
%RSD	1.299342	.3085370	166.1370	207.7142	.4722872	261.0827	37.47081

#1	-.004465	16.49262	-.000256	.0000427	53.86901	-.001182	-.000375
#2	-.004544	16.46801	.000477	.0002372	54.35518	.003765	-.000807
#3	-.004431	16.56593	.000640	-.000061	54.24993	.000330	-.000556

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.52008	-.010361	-.000427	-.004881	-.001305	-.010069	-.000834
Stddev	.07712	.000385	.000252	.000536	.000220	.004814	.002758
%RSD	.3583672	3.713468	59.11325	10.98315	16.83870	47.80744	330.8085

#1	21.43424	-.010777	-.000591	-.005098	-.001483	-.007379	.001907
#2	21.54249	-.010286	-.000553	-.005275	-.001372	-.015627	-.000800
#3	21.58352	-.010019	-.000136	-.004271	-.001059	-.007202	-.003608

Sample Name: Q1504-05 Acquired: 4/7/2025 14:38:31 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0092079	-.011646	.0048261
Stddev	.0041154	.000281	.0000741
%RSD	44.69396	2.415759	1.535547
#1	.0076319	-.011803	.0047415
#2	.0061134	-.011815	.0048572
#3	.0138783	-.011322	.0048797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.333	50301.18	10687.71	1420.956	3346.308
Stddev	5.714	58.29	20.75	8.501	9.245
%RSD	.2593558	.1158866	.1941777	.5982523	.2762671
#1	2207.922	50318.77	10710.82	1426.959	3355.723
#2	2205.143	50348.65	10681.68	1424.680	3345.957
#3	2196.932	50236.11	10670.65	1411.229	3337.244

Sample Name: Q1504-01 Acquired: 4/7/2025 14:42:50 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.5606723	.1944500	.9706099	.8660850	.2864974	2.513291	.6314889
Stddev	.0030528	.0026332	.0010242	.0020766	.0017238	.004528	.0001904
%RSD	.5444819	1.354192	.1055221	.2397701	.6016799	.1801670	.0301577

#1	.5571856	.1914337	.9712352	.8679032	.2876892	2.513552	.6315899
#2	.5628646	.1962899	.9694279	.8665299	.2845208	2.508638	.6312692
#3	.5619666	.1956266	.9711666	.8638220	.2872822	2.517683	.6316075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3191552	.6405471	.0186563	.2178202	.6066732	.6841273	3.514252
Stddev	.0020677	.0001764	.0032473	.0005793	.0003424	.0003576	.019329
%RSD	.6478549	.0275329	17.40568	.2659702	.0564347	.0522769	.5500050

#1	.3212581	.6405077	.0178838	.2174262	.6068659	.6844579	3.491940
#2	.3171247	.6403937	.0158650	.2175489	.6062779	.6841762	3.524941
#3	.3190826	.6407398	.0222202	.2184854	.6068758	.6837477	3.525876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.594055	-.002931	.5005796	.8083918	-.442911	1.345423	1.083370
Stddev	.002253	.021655	.0010839	.0004561	.003671	.001992	.006497
%RSD	.1413310	738.7058	.2165238	.0564209	.8289191	.1480536	.5996907

#1	1.595379	-.017517	.4999118	.8088270	-.447127	1.347692	1.081036
#2	1.595332	-.013228	.4999968	.8079174	-.441188	1.344619	1.090712
#3	1.591453	.021951	.5018302	.8084309	-.440419	1.343959	1.078364

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.217969	1.397446	.4928887	-.000162	-.000305	.4594292	-.000859
Stddev	.012946	.008176	.0005000	.000600	.000267	.0151327	.002754
%RSD	5.939543	.5850474	.1014489	371.1607	87.73346	3.293809	320.6596

#1	-.203594	1.403909	.4923197	-.000753	-.000117	.4548263	.000690
#2	-.228711	1.388255	.4930886	-.000179	-.000186	.4763290	-.004039
#3	-.221602	1.400174	.4932579	.000447	-.000611	.4471325	.000772

Sample Name: Q1504-01 Acquired: 4/7/2025 14:42:50 Type: Unk
 Method: NON EPA-6010-200.7(v2710) 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	-.006296	-.002443	.2659299
Stddev	.003074	.000655	.0002316
%RSD	48.83004	26.80480	.0870789
#1	-.002937	-.002194	.2660240
#2	-.008971	-.003186	.2656660
#3	-.006980	-.001949	.2660996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.381	50472.97	10293.27	1434.219	3527.829
Stddev	2.352	125.24	49.08	3.952	5.768
%RSD	.1057007	.2481342	.4768511	.2755502	.1635100
#1	2223.083	50527.45	10237.41	1436.958	3521.621
#2	2225.277	50329.72	10329.48	1429.688	3528.844
#3	2227.784	50561.75	10312.93	1436.010	3533.023

Sample Name: Q1504-03 Acquired: 4/7/2025 14:46:57 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0036832	.0008002	-.000684	.0009470	-.015871	.0881926	-.000205
Stddev	.0043744	.0019560	.000695	.0010302	.001824	.0043352	.000787
%RSD	118.7647	244.4535	101.6555	108.7805	11.49472	4.915647	383.4931

#1	.0071033	.0018104	.000063	-.000241	-.015059	.0838984	-.001092
#2	.0051924	.0020445	-.001312	.001485	-.014594	.0925678	.000412
#3	-.001246	-.001454	-.000803	.001597	-.017961	.0881115	.000064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000053	-.006832	-.000174	.0001756	-.000092	.0017697
Stddev	.000039	.000010	.008574	.000577	.0001803	.000301	.0039205
%RSD	155.5094	19.35149	125.5100	332.4668	102.6727	327.5247	221.5348

#1	-.000067	-.000043	.001048	-.000766	.0000104	-.000315	-.001891
#2	.000009	-.000064	-.015963	-.000141	.0003680	.000250	.001294
#3	-.000017	-.000053	-.005580	.000387	.0001485	-.000211	.005907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013078	-.002122	.0000658	-.000202	-.324453	-.000173	-.001054
Stddev	.0001427	.015853	.0002419	.000224	.016779	.000551	.000077
%RSD	10.91096	747.2083	367.5177	111.0576	5.171370	319.5081	7.272903

#1	.0012274	-.016615	.0003337	-.000403	-.322459	.000280	-.000968
#2	.0012235	.014809	-.000137	.000040	-.342140	-.000012	-.001079
#3	.0014726	-.004559	.000000	-.000242	-.308761	-.000787	-.001115

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.236430	.2465054	-.000561	1.609495	.2187780	2.002855	-.000984
Stddev	.023833	.0020708	.000229	.007353	.0020552	.017334	.001389
%RSD	10.08057	.8400594	40.80847	.4568206	.9394117	.8654617	141.1317

#1	-.253632	.2454084	-.000728	1.602863	.2203631	2.007528	.000589
#2	-.246432	.2488939	-.000656	1.608222	.2164559	1.983663	-.001501
#3	-.209225	.2452139	-.000300	1.617401	.2195151	2.017373	-.002040

Sample Name: Q1504-03 Acquired: 4/7/2025 14:46:57 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.001485	-.001488	.0000200
Stddev	.001165	.000834	.0000417
%RSD	78.47031	56.07915	208.8062

#1	-.000149	-.002000	.0000494
#2	-.002013	-.001938	.0000383
#3	-.002292	-.000525	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.184	51030.48	10127.27	1460.204	3598.215
Stddev	8.215	191.69	55.96	2.318	11.060
%RSD	.3642870	.3756312	.5525693	.1587560	.3073724

#1	2261.545	50998.33	10179.43	1457.948	3605.570
#2	2258.098	51236.21	10068.16	1462.580	3603.579
#3	2245.909	50856.90	10134.22	1460.085	3585.496

Sample Name: Q1698-01 Acquired: 4/7/2025 14:51:16 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.1146662	.0087386	.3692608	-.004298	.0043488	16.94393
Stddev	.0097350	.0046829	.0041664	.001193	.0009477	.09340
%RSD	8.489884	53.58842	1.128316	27.75263	21.79142	.5512291

#1	.1055335	.0036215	.3644822	-.003357	.0033310	16.84675
#2	.1249085	.0097836	.3721328	-.005639	.0045098	16.95200
#3	.1135567	.0128108	.3711675	-.003897	.0052057	17.03303

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2040427	.0030960	.0025141	162.9381	.1591206	.0165653
Stddev	.0012834	.0000133	.0003432	.8432	.0018276	.0003746
%RSD	.6289928	.4278803	13.65030	.5174972	1.148589	2.261157

#1	.2026809	.0030868	.0021187	162.0915	.1607298	.0163865
#2	.2042173	.0030900	.0026888	162.9452	.1594986	.0169958
#3	.2052298	.0031112	.0027349	163.7778	.1571336	.0163137

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5758161	50.45562	.7965831	29.10057	.0514475	-.001862
Stddev	.0109741	.43982	.0040351	.24991	.0007871	.000144
%RSD	1.905832	.8716881	.5065564	.8587874	1.529917	7.741145

#1	.5633479	50.87516	.7928976	28.89754	.0505388	-.001776
#2	.5840096	50.49369	.7959571	29.02450	.0518836	-.001782
#3	.5800908	49.99800	.8008947	29.37968	.0519199	-.002029

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058715	.0673600	.9838322	2.741142	-.092234	.0290459
Stddev	.022251	.0006521	.0042186	.019536	.003698	.0005657
%RSD	37.89562	.9680971	.4287925	.7126986	4.009838	1.947479

#1	-.066859	.0675659	.9875827	2.754344	-.089527	.0284368
#2	-.033540	.0666298	.9846489	2.750382	-.090726	.0295547
#3	-.075747	.0678843	.9792649	2.718700	-.096448	.0291463

Sample Name: Q1698-01 Acquired: 4/7/2025 14:51:16 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0206566	1.116651	F 13.12177	1.515529	5.130776	.0072185
Stddev	.0003187	.007110	.06471	.021531	.082642	.0012085
%RSD	1.542868	.6367032	.4931861	1.420718	1.610717	16.74126

#1	.0204474	1.110719	13.15547	1.491038	5.036385	.0086134
#2	.0210234	1.114702	13.16268	1.531481	5.190117	.0065556
#3	.0204989	1.124532	13.04716	1.524069	5.165825	.0064866

Elem	Sr4077
Units	ppm
Avg	.4799182
Stddev	.0030070
%RSD	.6265625

#1	.4765685
#2	.4808017
#3	.4823846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2132.945	48404.17	9791.435	1353.050	3140.864
Stddev	32.354	315.54	77.738	5.734	47.044
%RSD	1.516867	.6518814	.7939394	.4237714	1.497806

#1	2169.920	48069.20	9835.150	1347.059	3193.841
#2	2109.829	48447.52	9837.475	1353.604	3103.975
#3	2119.086	48695.80	9701.681	1358.487	3124.774

Sample Name: Q1698-07 Acquired: 4/7/2025 14:55:26 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0464565	-.005704	.8973311	-.022564	.0076639	19.76898
Stddev	.0035169	.002082	.0078208	.002575	.0031077	.03441
%RSD	7.570244	36.49262	.8715633	11.41178	40.54981	.1740813

#1	.0492280	-.007681	.9038765	-.022467	.0063803	19.80842
#2	.0425002	-.003531	.8994466	-.020038	.0054036	19.74504
#3	.0476413	-.005901	.8886701	-.025185	.0112078	19.75349

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3656344	.0024413	.0028192	136.7715	.1881538	.0259184
Stddev	.0003444	.0000315	.0003209	.4455	.0035951	.0004960
%RSD	.0941968	1.291307	11.38222	.3257562	1.910721	1.913527

#1	.3659594	.0024433	.0028556	137.2825	.1901112	.0264835
#2	.3656703	.0024088	.0031203	136.5678	.1840048	.0257162
#3	.3652734	.0024718	.0024816	136.4642	.1903455	.0255555

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6202072	75.84833	1.004172	16.98691	.0760735	-.002566
Stddev	.0070668	.91600	.003067	.11068	.0009249	.000345
%RSD	1.139420	1.207672	.3054278	.6515581	1.215808	13.43568

#1	.6258133	76.54318	1.006998	17.10819	.0769761	-.002220
#2	.6225392	74.81030	1.000910	16.96116	.0761165	-.002568
#3	.6122692	76.19151	1.004609	16.89137	.0751278	-.002910

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0886475	1.088876	3.319390	-.149865	.0193511
Stddev	.024694	.0017297	.021181	.048800	.001280	.0004526
%RSD	270556.5	1.951204	1.945250	1.470158	.8539351	2.338803

#1	.028448	.0904917	1.101815	3.308438	-.151200	.0197431
#2	-.015787	.0883897	1.064432	3.276996	-.148649	.0194546
#3	-.012689	.0870612	1.100380	3.372735	-.149746	.0188558

Sample Name: Q1698-07 Acquired: 4/7/2025 14:55:26 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0489929	1.346353	F 12.52909	1.913546	6.080756	.0094798
Stddev	.0003930	.004401	.15114	.023056	.076587	.0009950
%RSD	.8022147	.3268523	1.206289	1.204896	1.259506	10.49613

#1	.0485435	1.351431	12.61781	1.935531	6.137512	.0102614
#2	.0491633	1.343967	12.35458	1.915557	6.111112	.0083597
#3	.0492720	1.343660	12.61488	1.889551	5.993644	.0098184

Elem	Sr4077
Units	ppm
Avg	.4647192
Stddev	.0006370
%RSD	.1370696

#1	.4641730
#2	.4654189
#3	.4645657

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.849	49946.64	10131.62	1382.512	3221.536
Stddev	20.336	759.85	43.97	26.309	30.700
%RSD	.9372183	1.521321	.4339606	1.902992	.9529616

#1	2149.870	49408.08	10093.18	1366.680	3191.113
#2	2169.152	50815.78	10179.56	1412.882	3220.991
#3	2190.525	49616.05	10122.13	1367.973	3252.506

Sample Name: Q1698-07DUP Acquired: 4/7/2025 14:59:35 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0459603	-.004983	.9007992	-.021778	.0050425	19.75524
Stddev	.0039995	.004358	.0132893	.004043	.0003112	.06081
%RSD	8.702047	87.45500	1.475277	18.56280	6.171542	.3078409

#1	.0416627	-.000246	.8854581	-.026272	.0048264	19.77891
#2	.0495733	-.008821	.9087757	-.018438	.0053991	19.80066
#3	.0466448	-.005881	.9081637	-.020623	.0049018	19.68615

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3737064	.0024447	.0022468	134.1236	.1898211	.0259014
Stddev	.0020265	.0000583	.0002240	.2945	.0012950	.0004876
%RSD	.5422582	2.383929	9.968254	.2195788	.6822402	1.882580

#1	.3750467	.0024338	.0019884	133.9890	.1892043	.0253635
#2	.3746974	.0023927	.0023859	134.4614	.1913092	.0263145
#3	.3713752	.0025077	.0023661	133.9204	.1889497	.0260262

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6163248	79.32520	1.008202	15.12584	.0756587	-.002178
Stddev	.0093229	.71563	.003080	.02236	.0008456	.000456
%RSD	1.512652	.9021436	.3054771	.1478357	1.117700	20.94790

#1	.6055795	79.62549	1.011436	15.10147	.0747725	-.001730
#2	.6211333	79.84176	1.007868	15.13063	.0764569	-.002642
#3	.6222617	78.50835	1.005304	15.14542	.0757466	-.002162

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0696044	.0909503	1.114625	3.534163	-.140462	.0193209
Stddev	.0141149	.0008845	.004141	.085483	.001888	.0006112
%RSD	20.27873	.9724615	.3714893	2.418766	1.344354	3.163206

#1	.0839740	.0914575	1.112506	3.590864	-.138642	.0187066
#2	.0690805	.0914644	1.119397	3.575785	-.140330	.0199289
#3	.0557588	.0899290	1.111973	3.435840	-.142412	.0193272

Sample Name: Q1698-07DUP Acquired: 4/7/2025 14:59:35 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0503545	1.352635	F 13.32996	1.903587	5.978631	.0094546
Stddev	.0005941	.004159	.12010	.028727	.089912	.0004733
%RSD	1.179801	.3074484	.9009726	1.509119	1.503886	5.005888
#1	.0500183	1.355662	13.34109	1.870854	5.874940	.0094862
#2	.0510405	1.354350	13.44411	1.924610	6.034990	.0099113
#3	.0500048	1.347893	13.20468	1.915297	6.025961	.0089663

Elem	Sr4077
Units	ppm
Avg	.4681167
Stddev	.0040096
%RSD	.8565363
#1	.4713581
#2	.4693589
#3	.4636330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.917	49067.41	10385.09	1368.860	3224.305
Stddev	27.091	226.68	54.47	3.565	44.165
%RSD	1.245036	.4619835	.5244896	.2604134	1.369747
#1	2207.121	49148.46	10443.03	1372.279	3275.283
#2	2162.223	48811.34	10377.32	1365.166	3200.025
#3	2158.407	49242.42	10334.92	1369.135	3197.606

Sample Name: CCV02 Acquired: 4/7/2025 15:07:59 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.844254	4.905586	4.829110	4.871404	4.896935	9.495168	9.878387
Stddev	.056922	.079081	.049236	.050950	.055785	.046026	.086053
%RSD	1.175042	1.612052	1.019558	1.045898	1.139176	.4847358	.8711288

#1	4.790925	4.853412	4.781563	4.816142	4.838986	9.463898	9.832832
#2	4.837645	4.866772	4.825892	4.881556	4.901550	9.473587	9.824687
#3	4.904192	4.996574	4.879876	4.916513	4.950269	9.548020	9.977642

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2355960	2.417357	23.93367	.9755257	2.409056	1.227234	4.991383
Stddev	.0008243	.021895	.17134	.0018461	.022941	.013009	.027457
%RSD	.3498703	.9057240	.7158751	.1892457	.9522688	1.060038	.5500943

#1	.2348038	2.397302	23.84494	.9771494	2.388863	1.214064	5.013274
#2	.2355353	2.414052	23.82489	.9735176	2.404305	1.227561	4.960576
#3	.2364490	2.440716	24.13117	.9759100	2.434001	1.240076	5.000299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.388480	23.54837	2.416437	1.225188	25.24744	2.412467	2.446074
Stddev	.021674	.14204	.024750	.002236	.14095	.015875	.002829
%RSD	.9074338	.6031703	1.024226	.1825132	.5582870	.6580424	.1156490

#1	2.378192	23.46574	2.395640	1.226703	25.33482	2.401119	2.444347
#2	2.373865	23.46699	2.409861	1.222619	25.08483	2.405674	2.449339
#3	2.413381	23.71238	2.443811	1.226240	25.32266	2.430608	2.444537

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.96911	4.795555	4.923288	4.849156	4.801764	5.044973	5.014122
Stddev	.04943	.032567	.054185	.049848	.032008	.005636	.051921
%RSD	.1979641	.6791130	1.100589	1.027979	.6665806	.1117214	1.035497

#1	24.99923	4.764863	4.869300	4.806072	4.790563	5.040033	4.961708
#2	24.91207	4.792082	4.922897	4.837643	4.776862	5.043772	5.015121
#3	24.99604	4.829719	4.977668	4.903754	4.837866	5.051113	5.065536

Sample Name: CCV02 Acquired: 4/7/2025 15:07:59 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.814609	4.832358	4.895307
Stddev	.074947	.028026	.030510
%RSD	1.556654	.5799609	.6232458
#1	4.749814	4.819406	4.891313
#2	4.797325	4.813150	4.866991
#3	4.896687	4.864517	4.927617

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.900	49719.12	9860.144	1394.050	3233.989
Stddev	19.797	82.31	43.011	2.158	29.500
%RSD	.9132032	.1655446	.4362142	.1547672	.9121896
#1	2189.164	49645.86	9898.375	1396.241	3262.124
#2	2164.537	49808.18	9868.483	1393.980	3236.551
#3	2150.000	49703.30	9813.574	1391.928	3203.291

Sample Name: CCB02 Acquired: 4/7/2025 15:12:11 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.000031	-.000334	-.000504	.0000338	.0019055	-.000793	-.001354
Stddev	.002285	.000895	.000363	.0027437	.0016556	.008371	.000382
%RSD	7369.382	267.8099	72.11117	8118.066	86.88435	1055.210	28.21984

#1	.002597	.000322	-.000092	.0022077	.0028523	.007831	-.001744
#2	-.001555	.000029	-.000641	-.003049	.0028704	-.008885	-.001339
#3	-.001135	-.001354	-.000778	.000943	-.000006	-.001326	-.000980

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000037	-.000003	-.008032	-.000537	.0001144	.0001317	.0015033
Stddev	.0000842	.000050	.006584	.000085	.0002293	.0000759	.0044076
%RSD	2284.920	1473.878	81.97895	15.92457	200.4802	57.59492	293.1874

#1	.0000923	-.000060	-.002688	-.000454	-.000056	.0001406	.0011186
#2	-.000006	.000014	-.006020	-.000625	.000024	.0002028	-.002699
#3	-.000075	.000036	-.015388	-.000531	.000375	.0000518	.006091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018290	.0029086	.0000838	.0003032	-.557822	-.001389	-.001141
Stddev	.0002023	.0070875	.0001117	.0002217	.016174	.000690	.000099
%RSD	11.06278	243.6772	133.3182	73.12653	2.899520	49.71260	8.632056

#1	.0016483	.0055155	.0000253	.0000584	-.549975	-.002185	-.001030
#2	.0020476	.0083234	.0000135	.0004905	-.547068	-.001002	-.001218
#3	.0017911	-.005113	.0002126	.0003607	-.576423	-.000979	-.001176

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.252133	-.001502	-.000281	-.000226	.0004770	.0071007	-.001062
Stddev	.016882	.000295	.000204	.001101	.0006444	.0046529	.000266
%RSD	6.695740	19.65604	72.60456	487.6141	135.1041	65.52728	25.08469

#1	-.235888	-.001558	-.000306	.000982	.0010736	.0118209	-.001068
#2	-.250922	-.001182	-.000472	-.001172	-.000206	.0069629	-.000792
#3	-.269588	-.001764	-.000066	-.000488	.000564	.0025182	-.001325

Sample Name: CCB02 Acquired: 4/7/2025 15:12:11 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.003284	-.001648	.0000282
Stddev	.001881	.000649	.0000510
%RSD	57.27293	39.37820	180.6192
#1	-.001248	-.001786	.0000045
#2	-.003648	-.002217	.0000868
#3	-.004956	-.000941	-.000007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.836	50319.03	10419.04	1421.535	3542.735
Stddev	31.441	84.36	30.79	4.119	46.026
%RSD	1.417665	.1676478	.2955571	.2897443	1.299156
#1	2219.885	50373.38	10384.54	1417.298	3549.744
#2	2248.202	50361.86	10443.74	1421.783	3584.854
#3	2185.420	50221.85	10428.84	1425.525	3493.607

Sample Name: Q1698-07LX5 Acquired: 4/7/2025 15:16:32 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0107466	.0002728	.1858523	-.002555	.0025788	3.997244	.0741922
Stddev	.0028628	.0008501	.0028260	.002041	.0012273	.121492	.0028466
%RSD	26.63884	311.6256	1.520571	79.88967	47.59315	3.039401	3.836780

#1	.0131342	.0008172	.1826226	-.004888	.0039062	4.066892	.0764005
#2	.0115326	.0007080	.1878711	-.001680	.0023450	4.067882	.0751966
#3	.0075729	-.000707	.1870631	-.001097	.0014852	3.856958	.0709796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005017	.0002111	27.34009	.0394905	.0053647	.1318839	16.29088
Stddev	.0000936	.0000636	.86318	.0002347	.0002525	.0021512	.04041
%RSD	18.66430	30.14085	3.157199	.5944571	4.706907	1.631111	.2480747

#1	.0005782	.0002237	27.88452	.0397382	.0056557	.1296193	16.28836
#2	.0005296	.0001421	27.79090	.0394618	.0052352	.1339001	16.25179
#3	.0003973	.0002674	26.34484	.0392714	.0052032	.1321323	16.33250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2099808	3.122813	.0150583	-.000893	-.465916	.0202453	.2320526
Stddev	.0067995	.092120	.0004295	.000205	.005926	.0008726	.0014453
%RSD	3.238136	2.949920	2.851897	23.00699	1.271986	4.309983	.6228439

#1	.2145450	3.186666	.0146136	-.000670	-.471466	.0201330	.2307274
#2	.2132312	3.164563	.0154707	-.000935	-.466608	.0211685	.2318368
#3	.2021662	3.017210	.0150905	-.001074	-.459674	.0194343	.2335937

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4529389	-.034752	.0037674	.0092564	.2747765	2.544073	.3844258
Stddev	.0044167	.000620	.0002248	.0007153	.0089759	.023274	.0054022
%RSD	.9751306	1.783813	5.967450	7.727143	3.266637	.9148148	1.405276

#1	.4563295	-.035344	.0039485	.0087060	.2801895	2.521268	.3782315
#2	.4545430	-.034804	.0038378	.0089984	.2797246	2.543164	.3881608
#3	.4479443	-.034107	.0035158	.0100649	.2644155	2.567788	.3868852

Sample Name: Q1698-07LX5 Acquired: 4/7/2025 15:16:32 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	1.185862	.0009899	.0923764
Stddev	.019680	.0005891	.0034754
%RSD	1.659547	59.50916	3.762191
#1	1.163416	.0010127	.0946487
#2	1.200158	.0015672	.0941049
#3	1.194012	.0003897	.0883757

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2229.433	50059.29	10376.87	1404.968	3460.197
Stddev	27.289	214.91	316.42	8.204	43.771
%RSD	1.224030	.4293199	3.049277	.5839176	1.264982
#1	2257.024	50168.98	10156.03	1406.397	3507.326
#2	2202.456	50197.23	10235.22	1412.363	3420.820
#3	2228.820	49811.67	10739.37	1396.143	3452.444

Sample Name: Q1698-07MS Acquired: 4/7/2025 15:20:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.7172342	1.589742	1.767823	1.588886	.4914373	24.72637
Stddev	.0068316	.017631	.023356	.018724	.0093096	.03660
%RSD	.9524878	1.109030	1.321147	1.178433	1.894357	.1480165

#1	.7094088	1.569910	1.741216	1.567663	.4808816	24.73710
#2	.7220091	1.595672	1.784939	1.603074	.4984763	24.75641
#3	.7202846	1.603643	1.777313	1.595920	.4949539	24.68561

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5392366	.1568374	.1682768	128.5613	.5640268	.2116869
Stddev	.0006861	.0003705	.0031340	.3158	.0024678	.0043146
%RSD	.1272327	.2362336	1.862407	.2456538	.4375263	2.038215

#1	.5397432	.1564506	.1647106	128.7619	.5611776	.2069007
#2	.5395107	.1571891	.1705926	128.7246	.5654879	.2152782
#3	.5384558	.1568725	.1695272	128.1972	.5654149	.2128818

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9331523	133.7444	1.378293	15.25030	.5151070	.0645109
Stddev	.0155251	.3048	.003224	.02144	.0078494	.0002041
%RSD	1.663727	.2279329	.2338995	.1405923	1.523848	.3164500

#1	.9154800	133.5484	1.381048	15.26305	.5061090	.0646568
#2	.9445953	133.5892	1.379084	15.26230	.5205498	.0642776
#3	.9393816	134.0956	1.374747	15.22554	.5186622	.0645982

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.048765	.3483586	1.346955	14.12234	.0081083	.3580855
Stddev	.037959	.0022185	.010298	.08261	.0012170	.0053374
%RSD	1.245049	.6368346	.7645500	.5849618	15.00892	1.490540

#1	3.032567	.3498268	1.335067	14.09475	.0071394	.3519891
#2	3.021592	.3494425	1.353132	14.05705	.0077112	.3619167
#3	3.092135	.3458066	1.352667	14.21521	.0094742	.3603507

Sample Name: Q1698-07MS Acquired: 4/7/2025 15:20:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.6265269	1.849546	F 17.82353	7.278311	5.533776	.1890458
Stddev	.0096163	.006918	.08671	.112683	.086781	.0018738
%RSD	1.534855	.3740324	.4864884	1.548206	1.568215	.9911613
#1	.6155315	1.856543	17.77414	7.150142	5.438735	.1901591
#2	.6333659	1.849385	17.77280	7.361813	5.608800	.1900959
#3	.6306833	1.842710	17.92365	7.322978	5.553792	.1868825

Elem	Sr4077
Units	ppm
Avg	.5866120
Stddev	.0018304
%RSD	.3120216
#1	.5881300
#2	.5871266
#3	.5845794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.474	48621.71	10812.77	1351.802	3177.158
Stddev	26.796	218.56	26.39	10.462	48.833
%RSD	1.244893	.4495201	.2440767	.7739420	1.536990
#1	2182.998	48850.66	10821.20	1363.824	3232.801
#2	2132.828	48599.20	10783.19	1344.765	3141.434
#3	2141.594	48415.28	10833.91	1346.816	3157.238

Sample Name: Q1698-07MSD Acquired: 4/7/2025 15:24:49 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.7052031	1.597727	1.753624	1.567557	.4822268	24.84438
Stddev	.0048642	.022044	.025351	.020753	.0062606	.00937
%RSD	.6897568	1.379702	1.445626	1.323930	1.298277	.0377163

#1	.7043870	1.596142	1.743036	1.560859	.4808437	24.83511
#2	.7104237	1.620520	1.782553	1.590832	.4890634	24.85385
#3	.7007985	1.576518	1.735284	1.550979	.4767734	24.84418

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5306030	.1654009	.1688690	128.5284	.5539559	.2096448
Stddev	.0015333	.0004691	.0021367	.0484	.0045505	.0024192
%RSD	.2889660	.2836058	1.265299	.0376870	.8214470	1.153936

#1	.5310240	.1649440	.1676033	128.4840	.5551257	.2087601
#2	.5318819	.1658813	.1713360	128.5211	.5578073	.2123818
#3	.5289033	.1653773	.1676678	128.5801	.5489348	.2077925

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9340379	125.4061	1.385370	15.42272	.5119182	.0618127
Stddev	.0125539	.7163	.001711	.02142	.0061317	.0005053
%RSD	1.344044	.5712030	.1234866	.1388672	1.197783	.8174905

#1	.9289386	125.2924	1.384963	15.43860	.5095714	.0613394
#2	.9483390	126.1725	1.383899	15.39836	.5188767	.0623449
#3	.9248360	124.7535	1.387247	15.43119	.5073066	.0617537

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.741762	.3489826	1.324066	13.16489	-.004545	.3541793
Stddev	.028831	.0011054	.005203	.08483	.001976	.0034455
%RSD	1.051534	.3167534	.3929674	.6443507	43.48602	.9728243

#1	2.732425	.3477071	1.323689	13.20257	-.002781	.3525936
#2	2.774103	.3496617	1.329447	13.22434	-.004172	.3581322
#3	2.718756	.3495791	1.319061	13.06775	-.006681	.3518120

Sample Name: Q1698-07MSD Acquired: 4/7/2025 15:24:49 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.6209251	1.839425	F 16.82532	7.384725	5.558681	.1906940
Stddev	.0082566	.000947	.10640	.091508	.065072	.0010180
%RSD	1.329733	.0515025	.6323747	1.239155	1.170640	.5338131

#1	.6161350	1.838517	16.79358	7.348565	5.527591	.1897858
#2	.6304590	1.840407	16.94397	7.488788	5.633466	.1917943
#3	.6161813	1.839350	16.73840	7.316822	5.514985	.1905019

Elem	Sr4077
Units	ppm
Avg	.5891221
Stddev	.0009314
%RSD	.1581036

#1	.5898601
#2	.5894306
#3	.5880756

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.024	49469.54	10208.87	1375.288	3189.072
Stddev	25.329	215.53	20.95	4.158	36.939
%RSD	1.167223	.4356801	.2052034	.3023449	1.158299

#1	2175.037	49379.54	10201.62	1372.182	3202.930
#2	2142.563	49313.60	10232.48	1373.670	3147.208
#3	2192.472	49715.48	10192.52	1380.012	3217.078

Sample Name: Q1698-07A Acquired: 4/7/2025 15:28:50 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.8140851	1.851126	1.792162	1.825812	.8000515	21.51231
Stddev	.0076288	.014811	.005490	.003174	.0058755	.02614
%RSD	.9371023	.8001308	.3063403	.1738407	.7343929	.1215068

#1	.8204236	1.844527	1.798466	1.826576	.8067243	21.50361
#2	.8162137	1.840760	1.788427	1.828535	.7977770	21.54169
#3	.8056181	1.868090	1.789594	1.822326	.7956533	21.49163

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5589778	.1802514	.1926277	258.7677	.5774383	.2214649
Stddev	.0014472	.0007520	.0005823	.4864	.0121256	.0012356
%RSD	.2589034	.4171648	.3022852	.1879840	2.099902	.5579407

#1	.5575831	.1804658	.1932875	258.2097	.5854835	.2228708
#2	.5604723	.1794156	.1921859	258.9914	.5634916	.2205514
#3	.5588779	.1808729	.1924096	259.1022	.5833397	.2209724

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8828549	95.44658	1.411814	81.95745	.5600739	.0723329
Stddev	.0034348	1.45293	.000736	.20221	.0018718	.0014652
%RSD	.3890572	1.522243	.0521671	.2467208	.3341983	2.025662

#1	.8867287	96.61601	1.411088	81.73583	.5622046	.0735718
#2	.8816550	93.82007	1.412560	82.00464	.5586948	.0707156
#3	.8801810	95.90366	1.411796	82.13189	.5593222	.0727112

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.349386	.3763975	1.286568	14.68419	.1068616	.4127368
Stddev	.052428	.0020030	.028682	.20133	.0023763	.0011542
%RSD	1.565293	.5321612	2.229366	1.371033	2.223729	.2796364

#1	3.376415	.3750063	1.309433	14.82690	.1085240	.4140498
#2	3.288959	.3754929	1.254385	14.45391	.1041399	.4122783
#3	3.382783	.3786933	1.295886	14.77177	.1079210	.4118824

Sample Name: Q1698-07A Acquired: 4/7/2025 15:28:50 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.7321369	1.733225	F 17.50511	8.246415	F 10.25626	.1891916
Stddev	.0025019	.001388	.27778	.032128	.02333	.0002097
%RSD	.3417240	.0801029	1.586869	.3896000	.2274696	.1108289

#1	.7341359	1.731625	17.67610	8.281625	10.28320	.1889939
#2	.7293312	1.733950	17.18459	8.218691	10.24280	.1894115
#3	.7329438	1.734102	17.65463	8.238928	10.24278	.1891693

Elem	Sr4077
Units	ppm
Avg	.6913959
Stddev	.0033207
%RSD	.4802920

#1	.6885742
#2	.6950552
#3	.6905582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.274	48840.02	10509.23	1372.736	3021.122
Stddev	9.543	902.48	31.23	31.008	10.576
%RSD	.4522159	1.847823	.2972117	2.258882	.3500539

#1	2099.260	48176.78	10504.04	1350.405	3008.937
#2	2115.475	49867.74	10542.74	1408.140	3027.908
#3	2116.087	48475.54	10480.92	1359.663	3026.521

Sample Name: Q1705-01 Acquired: 4/7/2025 15:32:51 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0149922	-.023050	.0978778	-.051137	-.000665	77.62849
Stddev	.0050682	.006001	.0006921	.002574	.001536	.50657
%RSD	33.80596	26.03292	.7070971	5.034261	230.9170	.6525599

#1	.0092221	-.018402	.0976479	-.051187	.001101	77.12840
#2	.0187241	-.029824	.0973298	-.053686	-.001695	77.61576
#3	.0170303	-.020923	.0986555	-.048538	-.001402	78.14131

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5177576	.0050614	.0110876	1017.521	.3808358	.0363434
Stddev	.0037719	.0000611	.0002295	6.838	.0008278	.0003103
%RSD	.7285050	1.206207	2.070072	.6719848	.2173747	.8537374

#1	.5142467	.0051283	.0110882	1017.452	.3803150	.0366828
#2	.5172808	.0050470	.0108577	1010.718	.3804021	.0362729
#3	.5217452	.0050088	.0113168	1024.393	.3817904	.0360743

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1341810	127.2949	2.571671	45.94587	.1923183	-.006128
Stddev	.0009326	.2599	.014108	.27883	.0016385	.000132
%RSD	.6950360	.2041743	.5485811	.6068605	.8519646	2.152784

#1	.1348632	126.9979	2.561123	45.79733	.1922175	-.005978
#2	.1331183	127.4062	2.566194	45.77277	.1907326	-.006225
#3	.1345615	127.4806	2.587696	46.26752	.1940049	-.006182

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.910301	.1130095	.5349737	27.37680	-.084925	.0180269
Stddev	.038138	.0019611	.0041983	.14311	.001836	.0005285
%RSD	.4821337	1.735329	.7847745	.5227248	2.162217	2.931506

#1	7.866545	.1116488	.5314117	27.22164	-.084195	.0186133
#2	7.936492	.1121222	.5339069	27.50360	-.083567	.0178800
#3	7.927866	.1152574	.5396026	27.40515	-.087014	.0175875

Sample Name: Q1705-01 Acquired: 4/7/2025 15:32:51 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-0.002673	3.316967	F 14.99781	F 11.47556	F 60.34963	-0.096013
Stddev	.001287	.020299	.09239	.09673	.38537	.001564
%RSD	48.16418	.6119611	.6159985	.8429334	.6385705	1.628552
#1	-0.001930	3.301754	14.89123	11.50746	60.35804	-0.097226
#2	-0.004160	3.309131	15.05511	11.36691	59.96012	-0.094248
#3	-0.001930	3.340015	15.04709	11.55232	60.73073	-0.096565

Elem	Sr4077
Units	ppm
Avg	5.452181
Stddev	.049611
%RSD	.9099290
#1	5.423992
#2	5.423086
#3	5.509464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.411	58827.39	13198.35	1649.190	2560.303
Stddev	4.195	86.02	81.05	9.336	12.525
%RSD	.1635841	.1462171	.6141017	.5660780	.4892065
#1	2563.215	58892.02	13224.29	1650.953	2557.174
#2	2569.075	58860.39	13263.25	1657.517	2574.096
#3	2560.944	58729.76	13107.50	1639.098	2549.639

Sample Name: Q1705-02 Acquired: 4/7/2025 15:37:14 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0170143	-.018199	.1005153	-.056977	-.001732	75.42247
Stddev	.0030635	.006037	.0029501	.002240	.002548	.23665
%RSD	18.00531	33.17106	2.934949	3.932072	147.0964	.3137658

#1	.0159288	-.021426	.0971641	-.056881	.000388	75.43882
#2	.0204728	-.021936	.1016613	-.054786	-.004559	75.17806
#3	.0146415	-.011234	.1027203	-.059263	-.001025	75.65051

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924742	.0048375	.0165808	884.8289	.1985577	.1016330
Stddev	.0011006	.0000654	.0006927	2.8932	.0009518	.0016153
%RSD	.2234901	1.351440	4.177810	.3269784	.4793789	1.589338

#1	.4917500	.0049125	.0170463	886.6263	.1977024	.1023496
#2	.4919318	.0048069	.0157847	881.4914	.1983875	.0997834
#3	.4937407	.0047930	.0169114	886.3690	.1995831	.1027661

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2370843	156.9384	2.087636	47.11728	.0966499	-.008171
Stddev	.0050491	.8329	.006679	.12775	.0015112	.000340
%RSD	2.129681	.5307428	.3199131	.2711215	1.563624	4.155710

#1	.2398280	156.1192	2.081317	47.01202	.0971795	-.008379
#2	.2312573	157.7844	2.086965	47.08041	.0949451	-.007779
#3	.2401675	156.9116	2.094624	47.25940	.0978251	-.008354

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.712006	.1061903	.4943115	29.44115	-.186800	.0118544
Stddev	.061249	.0011275	.0046404	.09136	.001759	.0002511
%RSD	.9125309	1.061767	.9387685	.3103182	.9415104	2.118254

#1	6.644533	.1049818	.4889935	29.33640	-.188821	.0116922
#2	6.764100	.1063753	.4975384	29.48273	-.185971	.0117274
#3	6.727386	.1072139	.4964027	29.50433	-.185610	.0121437

Sample Name: Q1705-02 Acquired: 4/7/2025 15:37:14 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-0.003811	3.010121	F 15.03159	F 24.03396	F 69.06266	-0.070387
Stddev	.000827	.008079	.07683	.37112	1.06135	.000722
%RSD	21.69445	.2683830	.5111175	1.544164	1.536796	1.026039

#1	-0.003023	3.006906	14.96337	24.25862	69.70392	-0.071017
#2	-0.003736	3.004145	15.11481	23.60559	67.83756	-0.069599
#3	-0.004672	3.019312	15.01657	24.23766	69.64649	-0.070543

Elem	Sr4077
Units	ppm
Avg	4.764418
Stddev	.025975
%RSD	.5451950

#1	4.739643
#2	4.791447
#3	4.762166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.943	62865.49	13852.10	1740.670	2603.296
Stddev	30.791	355.61	56.76	18.776	38.751
%RSD	1.117674	.5656657	.4097556	1.078640	1.488536

#1	2746.849	63268.38	13895.95	1761.785	2587.163
#2	2788.974	62595.35	13872.35	1725.854	2647.507
#3	2729.008	62732.75	13787.99	1734.371	2575.217

Sample Name: CCV03 Acquired: 4/7/2025 15:41:38 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	5.035334	5.056458	4.969322	5.099381	5.080766	9.606211	9.807274
Stddev	.042614	.059260	.061712	.036889	.048272	.335569	.326752
%RSD	.8463082	1.171958	1.241865	.7234084	.9500902	3.493249	3.331727

#1	5.059603	5.118462	5.009785	5.120285	5.109759	9.796738	9.880904
#2	5.060270	5.050522	4.999889	5.121071	5.107497	9.218747	9.449990
#3	4.986128	5.000389	4.898292	5.056787	5.025042	9.803148	10.09093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2341327	2.474534	23.72753	1.019445	2.472056	1.265441	5.171467
Stddev	.0069100	.029674	.81001	.005521	.026414	.013322	.002023
%RSD	2.951299	1.199159	3.413804	.5416127	1.068484	1.052796	.0391145

#1	.2363998	2.493245	24.13317	1.013943	2.489270	1.274648	5.169263
#2	.2263740	2.490037	22.79484	1.024985	2.485253	1.271509	5.173239
#3	.2396243	2.440320	24.25458	1.019406	2.441645	1.250164	5.171900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.348920	23.55300	2.478888	1.269931	25.94553	2.396421	2.533350
Stddev	.077423	.80560	.029082	.003818	.19357	.082438	.021362
%RSD	3.296105	3.420369	1.173206	.3006338	.7460486	3.440042	.8432124

#1	2.389707	23.90695	2.497710	1.266532	26.14551	2.443210	2.519385
#2	2.259631	22.63102	2.493561	1.274061	25.93199	2.301234	2.557941
#3	2.397422	24.12103	2.445392	1.269199	25.75909	2.444819	2.522724

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.12915	4.677702	5.084499	4.981674	4.777575	5.394334	5.064442
Stddev	.07943	.142755	.051947	.054979	.161922	.007198	.040091
%RSD	.3040007	3.051809	1.021668	1.103634	3.389202	.1334370	.7916229

#1	26.20640	4.730974	5.122122	5.024728	4.867705	5.401375	5.102684
#2	26.13334	4.515972	5.106145	5.000551	4.590644	5.394638	5.067915
#3	26.04771	4.786161	5.025230	4.919743	4.874376	5.386989	5.022727

Sample Name: CCV03 Acquired: 4/7/2025 15:41:38 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.958545	4.823747	4.845308
Stddev	.034678	.165042	.098617
%RSD	.6993585	3.421441	2.035303

#1	4.978326	4.932706	4.903773
#2	4.978805	4.633862	4.731449
#3	4.918503	4.904673	4.900702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.835	48492.81	10138.81	1344.222	3221.064
Stddev	22.764	249.32	292.47	12.236	35.478
%RSD	1.059879	.5141380	2.884684	.9102367	1.101429

#1	2130.922	48670.85	10023.42	1351.693	3195.223
#2	2138.865	48207.87	10471.38	1330.102	3206.455
#3	2173.718	48599.72	9921.64	1350.872	3261.514

Sample Name: CCB03 Acquired: 4/7/2025 15:45:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0001669	.0001976	-.001426	.0000296	.0009522	.0015132	-.000861
Stddev	.0008584	.0010264	.001255	.0003827	.0013760	.0043637	.000146
%RSD	514.1340	519.5146	87.97726	1294.687	144.5080	288.3746	16.98630

#1	-.000818	.0013310	-.002552	-.000127	.0018029	.0043236	-.000810
#2	.000757	-.000069	-.001652	-.000250	-.000635	.0037300	-.001026
#3	.000562	-.000669	-.000074	.000466	.001689	-.003514	-.000747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	.0000352	-.002837	-.000097	.0000773	-.000039	-.003720
Stddev	.000068	.0000564	.004445	.000214	.0002399	.000234	.002693
%RSD	125.9775	160.0720	156.6759	221.6738	310.3288	601.7758	72.38118

#1	.000012	.0000998	-.002434	-.000213	.0003446	-.000298	-.004998
#2	-.000124	-.000004	.001392	.000151	.0000063	.000027	-.000626
#3	-.000049	.000010	-.007470	-.000228	-.000119	.000155	-.005535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017113	.0055553	-.000065	-.000006	-.471058	.0020539	-.001124
Stddev	.0000721	.0154149	.000535	.000091	.004739	.0007468	.000302
%RSD	4.214995	277.4822	819.6503	1590.892	1.006117	36.35897	26.89534

#1	.0017922	.0088892	.000499	-.000108	-.475635	.0024617	-.001337
#2	.0016535	.0190304	-.000564	.000067	-.471366	.0025081	-.000778
#3	.0016883	-.011254	-.000131	.000024	-.466171	.0011920	-.001257

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.176266	-.001741	-.000349	.0002900	.0006120	.0051646	-.001185
Stddev	.024079	.000429	.000130	.0005204	.0009107	.0046698	.001949
%RSD	13.66053	24.65331	37.27736	179.4228	148.8004	90.41898	164.4338

#1	-.187011	-.002095	-.000200	-.000104	.0004604	.0066966	-.002579
#2	-.193101	-.001863	-.000408	.000094	-.000213	-.000079	-.002019
#3	-.148685	-.001264	-.000440	.000880	.001589	.008876	.001042

Sample Name: CCB03 Acquired: 4/7/2025 15:45:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.000828	-.002366	.0000288
Stddev	.005646	.001046	.0000296
%RSD	682.2954	44.19367	102.7970
#1	-.006260	-.001609	.0000496
#2	.005011	-.001930	-.000005
#3	-.001234	-.003559	.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.528	51020.23	10464.55	1435.632	3578.942
Stddev	35.454	134.38	14.93	5.175	58.919
%RSD	1.584537	.2633906	.1426354	.3604983	1.646273
#1	2228.211	50896.85	10470.59	1432.148	3565.204
#2	2276.711	51000.42	10447.55	1441.579	3643.517
#3	2207.663	51163.42	10475.51	1433.169	3528.106

Sample Name: Q1706-01 Acquired: 4/7/2025 15:50:09 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0195162	-.009965	.2260915	-.049545	.0056312	108.4638
Stddev	.0037927	.002060	.0018019	.001737	.0001670	.2088
%RSD	19.43345	20.66865	.7969730	3.506336	2.965570	.1925190

#1	.0201472	-.009203	.2264249	-.049350	.0054915	108.6893
#2	.0154477	-.012297	.2277034	-.047914	.0055860	108.2772
#3	.0229539	-.008395	.2241461	-.051372	.0058162	108.4250

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6204920	.0077212	.0034200	21.55159	.1806645	.1073683
Stddev	.0009664	.0000484	.0002056	.07692	.0008084	.0005199
%RSD	.1557465	.6275534	6.012997	.3569276	.4474780	.4841989

#1	.6204596	.0076825	.0034685	21.63236	.1809754	.1073693
#2	.6195423	.0077756	.0035970	21.47920	.1812713	.1078876
#3	.6214743	.0077056	.0031944	21.54321	.1797468	.1068479

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4390985	211.8604	5.369136	38.61317	.1927103	-.007431
Stddev	.0016055	.5426	.007766	.05336	.0008241	.000527
%RSD	.3656281	.2561287	.1446396	.1381788	.4276588	7.098430

#1	.4404413	211.3260	5.376733	38.67129	.1918967	-.007689
#2	.4395339	212.4109	5.361212	38.60181	.1935446	-.006824
#3	.4373202	211.8445	5.369464	38.56641	.1926896	-.007780

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.023460	.3145348	.6427412	10.52440	-.303779	.0015863
Stddev	.029385	.0016460	.0006852	.03771	.004208	.0001352
%RSD	.9718835	.5233164	.1065987	.3582656	1.385319	8.524650

#1	2.992426	.3155841	.6434570	10.48342	-.306844	.0016791
#2	3.050856	.3153827	.6426753	10.55762	-.298981	.0014311
#3	3.027099	.3126377	.6420914	10.53217	-.305512	.0016486

Sample Name: Q1706-01 Acquired: 4/7/2025 15:50:09 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0391494	3.385106	F 10.00564	3.418419	1.958297	.1534169
Stddev	.0005474	.005993	.03884	.005506	.007332	.0010014
%RSD	1.398271	.1770364	.3882196	.1610745	.3744285	.6527228
#1	.0385743	3.389715	9.96121	3.418851	1.956248	.1537470
#2	.0396641	3.378332	10.03321	3.423697	1.966436	.1542115
#3	.0392099	3.387273	10.02249	3.412710	1.952207	.1522921

Elem	Sr4077
Units	ppm
Avg	-.125328
Stddev	.000723
%RSD	.5765357
#1	-.124578
#2	-.126019
#3	-.125388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.528	55552.40	11788.75	1591.676	3205.249
Stddev	4.178	108.52	22.96	4.188	3.385
%RSD	.1698683	.1953402	.1947431	.2631053	.1055936
#1	2455.842	55612.42	11764.80	1590.908	3203.884
#2	2458.676	55427.13	11810.56	1587.925	3202.761
#3	2464.066	55617.64	11790.90	1596.194	3209.103

Sample Name: CCV04 Acquired: 4/7/2025 17:00:25 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	4.921351	4.942860	4.897908	4.985454	4.988789	9.624261	9.751113
Stddev	.029460	.028281	.011031	.016860	.023360	.040154	.115835
%RSD	.5986141	.5721680	.2252120	.3381921	.4682492	.4172175	1.187919

#1	4.912964	4.975516	4.894328	4.978695	4.969436	9.620128	9.646319
#2	4.896993	4.926360	4.889112	4.973021	4.982195	9.666322	9.875493
#3	4.954094	4.926705	4.910284	5.004645	5.014738	9.586333	9.731528

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2452562	2.447329	24.10581	.9913003	2.444320	1.249558	4.957105
Stddev	.0007090	.003719	.03906	.0031398	.004468	.004697	.028207
%RSD	.2890943	.1519437	.1620296	.3167331	.1827820	.3758625	.5690315

#1	.2458009	2.446625	24.09726	.9944764	2.442000	1.245465	4.985112
#2	.2455131	2.444013	24.14844	.9912265	2.441490	1.248522	4.957502
#3	.2444545	2.451349	24.07174	.9881981	2.449471	1.254686	4.928701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.415850	23.80850	2.450112	1.246802	25.33434	2.424342	2.490507
Stddev	.012246	.05537	.005065	.003319	.11315	.006177	.013811
%RSD	.5069081	.2325821	.2067432	.2662175	.4466394	.2547764	.5545603

#1	2.418210	23.75086	2.448603	1.248351	25.44634	2.428131	2.493092
#2	2.426745	23.86129	2.445972	1.249064	25.33662	2.427681	2.502842
#3	2.402596	23.81335	2.455760	1.242991	25.22006	2.417215	2.475585

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.00148	4.972931	5.011204	4.903459	4.845762	5.052855	5.224919
Stddev	.10425	.020787	.013746	.007297	.016195	.006179	.017124
%RSD	.4169912	.4179971	.2743140	.1488131	.3342181	.1222967	.3277316

#1	25.11199	4.981598	5.002566	4.896879	4.850264	5.045771	5.221745
#2	24.98758	4.987982	5.003990	4.902191	4.859231	5.057142	5.209605
#3	24.90487	4.949213	5.027056	4.911307	4.827792	5.055651	5.243408

Sample Name: CCV04 Acquired: 4/7/2025 17:00:25 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	4.896944	4.950446	4.894896
Stddev	.010766	.013089	.031289
%RSD	.2198496	.2644019	.6392268

#1	4.884557	4.960624	4.913725
#2	4.904050	4.955033	4.912186
#3	4.902224	4.935681	4.858777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.723	49188.28	9580.030	1375.937	3208.173
Stddev	7.055	120.35	40.940	9.554	5.927
%RSD	.3292576	.2446661	.4273519	.6943464	.1847366

#1	2146.622	49140.60	9581.970	1375.528	3209.859
#2	2146.969	49099.07	9538.154	1366.594	3213.075
#3	2134.579	49325.15	9619.966	1385.688	3201.587

Sample Name: CCB04 Acquired: 4/7/2025 17:04:43 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	-.000631	-.000128	-.000649	.0016947	.0012984	.0026048	-.001399
Stddev	.003237	.001736	.000795	.0020270	.0009154	.0032162	.000128
%RSD	512.8393	1361.181	122.4318	119.6044	70.50213	123.4714	9.119180

#1	.001770	-.002070	-.000383	.0012825	.0018164	.0002237	-.001300
#2	-.004313	.001273	-.001543	.0038961	.0002415	.0013273	-.001354
#3	.000649	.000414	-.000022	-.000094	.0018375	.0062634	-.001543

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000040	-.006269	.0000268	.0001130	-.000172	-.000981
Stddev	.000019	.000070	.005948	.0003981	.0002759	.000470	.005714
%RSD	86.65272	173.0982	94.88262	1482.921	244.2548	274.1801	582.3917

#1	-.000037	.000002	-.001629	-.000327	.0001653	-.000423	-.005080
#2	-.000030	-.000121	-.004203	.000458	-.000185	-.000463	.005546
#3	-.000000	-.000002	-.012974	-.000051	.000359	.000371	-.003410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016717	.0081258	.0001256	.0002736	-.390580	.0002959	-.001210
Stddev	.0001506	.0164956	.0001633	.0001228	.013244	.0016323	.000183
%RSD	9.009164	203.0035	130.0368	44.90467	3.390965	551.7133	15.08569

#1	.0018088	.0120800	-.000029	.0004143	-.404267	-.000840	-.001343
#2	.0016958	.0222849	.000109	.0001879	-.377828	-.000439	-.001002
#3	.0015105	-.009988	.000297	.0002185	-.389645	.002166	-.001286

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.139902	-.002846	-.000305	.0002985	.0006175	.0026270	-.001683
Stddev	.022784	.000832	.000210	.0005539	.0002725	.0043107	.001170
%RSD	16.28593	29.24343	68.93268	185.5428	44.13858	164.0935	69.50667

#1	-.161192	-.001903	-.000081	.0005164	.0005704	.0027876	-.003033
#2	-.115872	-.003157	-.000497	-.000331	.0009105	-.001762	-.000998
#3	-.142642	-.003479	-.000336	.000710	.0003715	.006855	-.001017

Sample Name: CCB04 Acquired: 4/7/2025 17:04:43 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	-.000729	-.000564	.0000194
Stddev	.001088	.000390	.0000296
%RSD	149.3056	69.12910	152.7901

#1	.000473	-.000114	.0000393
#2	-.001013	-.000808	-.000015
#3	-.001646	-.000770	.000033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.175	50741.41	10034.35	1417.561	3541.767
Stddev	11.257	159.13	14.43	6.097	19.804
%RSD	.5104656	.3136162	.1437754	.4300836	.5591510

#1	2215.072	50923.50	10030.77	1423.335	3557.163
#2	2192.929	50629.02	10022.05	1411.186	3519.426
#3	2207.523	50671.72	10050.23	1418.161	3548.713

Sample Name: Q1706-03 Acquired: 4/7/2025 17:09:10 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	.0254893	-.004850	.4404931	-.082784	.0115546	144.5242	.8161625
Stddev	.0073247	.003888	.0045741	.001201	.0005309	.3154	.0030088
%RSD	28.73643	80.16775	1.038415	1.450312	4.594530	.2182251	.3686548

#1	.0296108	-.000365	.4456616	-.083142	.0121429	144.3378	.8185701
#2	.0170323	-.007262	.4369668	-.083765	.0111111	144.8884	.8171279
#3	.0298248	-.006923	.4388508	-.081445	.0114099	144.3465	.8127895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111443	.0118962	23.80402	.2546715	.1688572	.6865052	298.9669
Stddev	.0000724	.0003352	.07527	.0002947	.0013324	.0059868	.5192
%RSD	.6496475	2.817844	.3162209	.1157300	.7890485	.8720653	.1736753

#1	.0112231	.0122711	23.84964	.2545014	.1703244	.6931910	299.5501
#2	.0111291	.0117919	23.84529	.2550118	.1677228	.6816403	298.5549
#3	.0110808	.0116255	23.71714	.2545013	.1685246	.6846842	298.7955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.404399	54.48376	.2985532	-.014384	4.305909	.4011159	1.026966
Stddev	.037959	.18998	.0028790	.000088	.010917	.0010023	.001931
%RSD	.5126607	.3486893	.9643126	.6141293	.2535292	.2498841	.1880343

#1	7.435774	54.53658	.3017661	-.014389	4.313959	.4002560	1.025729
#2	7.415219	54.64175	.2962075	-.014470	4.293483	.4008748	1.029192
#3	7.362204	54.27296	.2976860	-.014294	4.310286	.4022167	1.025979

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.73670	-.546892	.0043453	.0768714	4.417150	9.216297	5.217593
Stddev	.05435	.002977	.0001239	.0006928	.013179	.020352	.047917
%RSD	.3956723	.5442839	2.850150	.9012964	.2983537	.2208309	.9183760

#1	13.69125	-.548848	.0044405	.0772551	4.417268	9.206313	5.272720
#2	13.72195	-.548363	.0042053	.0772876	4.430270	9.202865	5.194129
#3	13.79691	-.543467	.0043902	.0760717	4.403914	9.239714	5.185929

Sample Name: Q1706-03 Acquired: 4/7/2025 17:09:10 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	1.871849	.2440975	-.186339
Stddev	.022784	.0004338	.000554
%RSD	1.217186	.1777295	.2973416
#1	1.896585	.2436657	-.186692
#2	1.851722	.2440934	-.185701
#3	1.867242	.2445334	-.186626

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.543	56211.14	11607.92	1574.183	3085.088
Stddev	16.560	10.48	51.73	3.486	24.407
%RSD	.6711113	.0186433	.4456407	.2214763	.7911260
#1	2448.987	56207.74	11581.91	1575.559	3057.909
#2	2480.820	56222.89	11574.35	1570.218	3105.134
#3	2472.823	56202.77	11667.49	1576.770	3092.221

Sample Name: Q1604-05 Acquired: 4/7/2025 17:13:20 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	-.001075	-.009501	-.000034	.0061952	.0086538	-.059470
Stddev	.002114	.002139	.000369	.0015029	.0016937	.006252
%RSD	196.6925	22.51050	1094.111	24.25855	19.57239	10.51315

#1	-.000522	-.010761	.000305	.0055201	.0095369	-.053124
#2	-.003410	-.007031	-.000426	.0051482	.0067010	-.065624
#3	.000708	-.010710	.000020	.0079172	.0097234	-.059661

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2300767	-.000187	.0000694	149.8858	.0021228	-.000227
Stddev	.0016920	.000037	.0000148	.5317	.0004701	.000261
%RSD	.7353982	19.93468	21.37167	.3547494	22.14609	115.0251

#1	.2313063	-.000224	.0000728	149.9296	.0026600	-.000218
#2	.2281470	-.000150	.0000822	149.3335	.0019220	-.000491
#3	.2307767	-.000186	.0000531	150.3942	.0017865	.000029

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431151	.0333919	.0053134	24.55782	.0159614	-.000246
Stddev	.0004744	.0024372	.0001507	.11030	.0005280	.000408
%RSD	1.100277	7.298756	2.835850	.4491516	3.307752	165.5365

#1	.0429003	.0348815	.0054047	24.47660	.0153630	.000018
#2	.0436588	.0305793	.0053959	24.51347	.0161599	-.000716
#3	.0427860	.0347149	.0051394	24.68340	.0163614	-.000041

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	414.7215	.0045664	.0093541	38.37209	.6228261	.0203574
Stddev	4.3352	.0004391	.0002737	.16415	.0017567	.0001747
%RSD	1.045319	9.614890	2.926377	.4277956	.2820596	.8584125

#1	418.1737	.0042185	.0093142	38.46782	.6212269	.0202502
#2	416.1348	.0044210	.0091026	38.18255	.6225449	.0202630
#3	409.8561	.0050597	.0096457	38.46592	.6247065	.0205591

Sample Name: Q1604-05 Acquired: 4/7/2025 17:13:20 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	-0.003992	-0.001833	8.475798	0.0361337	F 56.24070	-0.005711
Stddev	.000673	.001089	.049811	.0025282	.09705	.000384
%RSD	16.85654	59.40036	.5876839	6.996859	.1725609	6.721094

#1	-0.003392	-0.002865	8.493771	.0390491	56.13217	-0.005350
#2	-0.004719	-0.001940	8.419495	.0348069	56.31913	-0.006115
#3	-0.003865	-0.000695	8.514128	.0345450	56.27082	-0.005669

Elem	Sr4077
Units	ppm
Avg	1.161649
Stddev	.006662
%RSD	.5734545

#1	1.166680
#2	1.154095
#3	1.164172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.499	44614.55	9523.206	1237.289	2853.644
Stddev	3.692	27.43	17.461	9.555	6.950
%RSD	.1906457	.0614894	.1833556	.7722524	.2435477

#1	1932.479	44603.87	9526.886	1240.581	2846.698
#2	1937.281	44645.72	9538.535	1244.762	2853.638
#3	1939.738	44594.07	9504.198	1226.523	2860.598

Sample Name: PB167441BL Acquired: 4/7/2025 17:17:46 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	-.000524	.0002539	-.000305	-.000254	-.000475	.0078188	-.001492
Stddev	.003253	.0020987	.000394	.002233	.000442	.0027550	.000622
%RSD	620.7360	826.5276	129.1307	877.8407	92.90884	35.23555	41.67426

#1	-.001678	.0015960	.000002	.002083	.000035	.0047406	-.001304
#2	.003148	.0013304	-.000168	-.002366	-.000729	.0100532	-.000986
#3	-.003043	-.002165	-.000749	-.000481	-.000732	.0086626	-.002186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	-.000063	-.001610	-.000314	.0001258	-.000431	.0056696
Stddev	.000058	.000011	.002567	.000183	.0001881	.000447	.0073753
%RSD	85.86881	17.97046	159.4230	58.29381	149.5354	103.5387	130.0849

#1	-.000077	-.000066	-.003008	-.000103	-.000059	-.000082	-.000357
#2	-.000006	-.000072	.001352	-.000415	.000120	-.000934	.003472
#3	-.000121	-.000050	-.003175	-.000425	.000317	-.000277	.013894

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017081	.0063500	.0000602	-.000056	-.370779	.0005269	-.000950
Stddev	.0003107	.0038559	.0001154	.000093	.025230	.0011505	.000160
%RSD	18.18860	60.72295	191.5906	167.0462	6.804536	218.3514	16.85872

#1	.0013835	.0019633	-.000073	-.000140	-.357687	-.000414	-.000768
#2	.0017381	.0078834	.000129	-.000071	-.399864	.001810	-.001014
#3	.0020027	.0092034	.000124	.000044	-.354786	.000185	-.001069

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.148489	-.006580	-.000370	.0002206	.0006114	-.001161	-.002275
Stddev	.010922	.000159	.000393	.0002960	.0003414	.002779	.000435
%RSD	7.355563	2.414268	106.2677	134.2078	55.83922	239.4273	19.12008

#1	-.160235	-.006465	-.000709	-.000032	.0008627	.001907	-.002330
#2	-.138639	-.006514	-.000462	.000147	.0007487	-.001879	-.001815
#3	-.146593	-.006762	.000061	.000546	.0002227	-.003511	-.002680

Sample Name: PB167441BL Acquired: 4/7/2025 17:17:46 Type: Unk
Method: NON EPA-6010-200.7(v2894) 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	.0018301	.0001344	-.000000
Stddev	.0013308	.0011033	.000027
%RSD	72.71968	820.8954	36835.03
#1	.0016345	-.001030	.000007
#2	.0006079	.001164	.000022
#3	.0032479	.000269	-.000030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.041	50292.16	9827.329	1422.498	3641.053
Stddev	5.093	229.48	39.158	8.181	7.385
%RSD	.2257520	.4562912	.3984653	.5750807	.2028206
#1	2251.019	50029.90	9870.841	1416.893	3632.725
#2	2261.202	50390.54	9794.922	1418.715	3646.804
#3	2255.903	50456.05	9816.225	1431.885	3643.631

Sample Name: Q1712-01 Acquired: 4/7/2025 17:31:02 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0464766	-.001663	1.706809	-.037736	-.000223	88.57203	1.092019
Stddev	.0019836	.001654	.003643	.002735	.001613	.11249	.003112
%RSD	4.268003	99.48507	.2134360	7.247052	722.8380	.1269987	.2849405

#1	.0454312	.000130	1.709173	-.037148	-.002021	88.68050	1.094825
#2	.0487643	-.001987	1.708639	-.040717	.001096	88.57966	1.092560
#3	.0452344	-.003131	1.702613	-.035343	.000255	88.45592	1.088673

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067345	.0068701	111.7346	.1306528	.1917629	.5427270	148.5463
Stddev	.0000449	.0001931	.1439	.0005499	.0001467	.0005396	.3463
%RSD	.6665314	2.810666	.1288287	.4208874	.0765261	.0994191	.2331207

#1	.0067838	.0069839	111.8541	.1300417	.1919063	.5433491	148.2154
#2	.0067238	.0066472	111.7751	.1311077	.1917694	.5423866	148.9062
#3	.0066960	.0069793	111.5748	.1308090	.1916130	.5424453	148.5172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.803745	32.21737	.3113854	-.004096	11.92430	.2104816	1.185511
Stddev	.013524	.03262	.0003533	.000275	.07326	.0016473	.004805
%RSD	.2330230	.1012571	.1134562	6.719069	.6143471	.7826494	.4053053

#1	5.816757	32.24028	.3113085	-.003778	11.87848	.2104745	1.180550
#2	5.804717	32.18002	.3117708	-.004251	12.00878	.2121324	1.185840
#3	5.789761	32.23181	.3110769	-.004258	11.88563	.2088378	1.190143

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.31661	-.237504	.0027817	.0501600	1.579453	3.724512	5.489288
Stddev	.04420	.002878	.0001242	.0004959	.003559	.028211	.013989
%RSD	.3319289	1.211924	4.465704	.9886766	.2253598	.7574427	.2548492

#1	13.28805	-.240701	.0026399	.0502030	1.582175	3.692143	5.493632
#2	13.36752	-.236693	.0028713	.0496440	1.580759	3.743870	5.473642
#3	13.29426	-.235119	.0028338	.0506330	1.575425	3.737522	5.500591

Sample Name: Q1712-01 Acquired: 4/7/2025 17:31:02 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	1.942909	.1250236	.4650836
Stddev	.009418	.0004353	.0010459
%RSD	.4847398	.3481734	.2248768
#1	1.932559	.1247628	.4657186
#2	1.950975	.1247820	.4656556
#3	1.945195	.1255262	.4638765

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.988	52453.58	11607.96	1469.043	3043.772
Stddev	4.304	137.67	50.77	3.077	8.989
%RSD	.1870670	.2624557	.4373545	.2094887	.2953370
#1	2298.865	52473.00	11552.58	1472.582	3042.968
#2	2298.157	52307.23	11619.01	1466.990	3035.212
#3	2305.941	52580.50	11652.30	1467.559	3053.136

Sample Name: Q1715-05 Acquired: 4/7/2025 17:35:07 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0719755	-.005416	4.275520	-.064962	.0110261	82.24126	1.072629
Stddev	.0033249	.000788	.007720	.002847	.0018023	.09583	.003875
%RSD	4.619481	14.54431	.1805611	4.381987	16.34560	.1165195	.3612977

#1	.0732120	-.005103	4.281375	-.065533	.0104350	82.28469	1.072290
#2	.0745050	-.004834	4.266771	-.067480	.0095937	82.30768	1.076662
#3	.0682095	-.006312	4.278414	-.061874	.0130498	82.13141	1.068934

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075658	.0121082	227.1389	.1460214	.1467409	1.248488	245.7034
Stddev	.0000729	.0004134	.3408	.0002075	.0003290	.001847	.9597
%RSD	.9631607	3.413846	.1500526	.1421232	.2242128	.1479614	.3906038

#1	.0076431	.0125823	227.3383	.1462035	.1468068	1.249942	244.8711
#2	.0074984	.0119194	227.3330	.1457955	.1470320	1.246409	246.7532
#3	.0075558	.0118231	226.7453	.1460652	.1463840	1.249113	245.4860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.875662	47.26906	.2584755	-.006685	18.38307	.3030632	1.924994
Stddev	.016707	.12550	.0000397	.000704	.14166	.0015147	.005845
%RSD	.3426581	.2655032	.0153392	10.53000	.7706021	.4997926	.3036175

#1	4.883134	47.30678	.2585123	-.007140	18.29267	.3024589	1.926860
#2	4.887328	47.12902	.2584805	-.005874	18.54634	.3047867	1.918445
#3	4.856523	47.37137	.2584335	-.007041	18.31022	.3019438	1.929679

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30972	.0087347	.0083980	.2037376	3.188308	7.582385	7.799494
Stddev	.06388	.0018823	.0002639	.0014936	.006283	.049197	.024381
%RSD	.5648163	21.54920	3.142516	.7331024	.1970631	.6488299	.3126002

#1	11.26904	.0071003	.0085667	.2036062	3.189156	7.525597	7.827617
#2	11.38335	.0083112	.0080939	.2023140	3.194123	7.609489	7.786551
#3	11.27678	.0107927	.0085334	.2052925	3.181644	7.612069	7.784313

Sample Name: Q1715-05 Acquired: 4/7/2025 17:35:07 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	6.780470	.0841875	1.055724
Stddev	.015456	.0008216	.020927
%RSD	.2279484	.9759456	1.982236
#1	6.794901	.0846008	1.078183
#2	6.782349	.0847203	1.036772
#3	6.764161	.0832413	1.052216

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.444	52909.08	11736.02	1467.233	2955.652
Stddev	2.855	37.29	45.44	5.003	5.740
%RSD	.1229623	.0704748	.3871706	.3409760	.1941981
#1	2318.853	52931.63	11684.56	1471.416	2949.751
#2	2320.977	52866.04	11752.87	1468.593	2955.987
#3	2324.504	52929.56	11770.62	1461.691	2961.216

Sample Name: Q1721-02 Acquired: 4/7/2025 17:39:19 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0780661	-.002849	.1778084	-.051574	.0005824	70.96931
Stddev	.0019539	.001707	.0013304	.004887	.0017366	.20289
%RSD	2.502944	59.92029	.7482251	9.475842	298.1677	.2858862

#1	.0802631	-.002229	.1767400	-.048765	.0020763	71.15634
#2	.0774124	-.004779	.1792985	-.057217	-.001323	70.99798
#3	.0765229	-.001538	.1773866	-.048741	.000994	70.75360

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3542294	.0070119	.0015136	228.8996	.1978620	.0642441
Stddev	.0016277	.0001772	.0002810	.6308	.0011120	.0003346
%RSD	.4595072	2.527740	18.56463	.2755708	.5619913	.5208755

#1	.3558827	.0069073	.0011901	229.4469	.1990003	.0641803
#2	.3541770	.0072165	.0016974	229.0422	.1967784	.0646060
#3	.3526285	.0069118	.0016532	228.2097	.1978074	.0639459

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1601333	195.5309	1.477612	41.85731	.0855635	-.008800
Stddev	.0017927	1.1240	.002018	.17606	.0002492	.000234
%RSD	1.119503	.5748246	.1365420	.4206185	.2911843	2.656007

#1	.1583321	196.4762	1.479837	41.99579	.0856556	-.008671
#2	.1619173	194.2881	1.477098	41.91696	.0852814	-.008659
#3	.1601504	195.8283	1.475901	41.65917	.0857534	-.009070

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.437311	.2671910	.3280261	6.450555	-.332611	.0034217
Stddev	.025315	.0006037	.0004542	.017049	.007081	.0001551
%RSD	1.761261	.2259562	.1384518	.2643082	2.128937	4.532066

#1	1.416287	.2678871	.3277089	6.469114	-.329807	.0034446
#2	1.430236	.2668768	.3285463	6.435587	-.340665	.0032564
#3	1.465411	.2668092	.3278229	6.446964	-.327362	.0035640

Sample Name: Q1721-02 Acquired: 4/7/2025 17:39:19 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0023104	1.316972	F 10.45651	3.979812	4.841580	.0285025
Stddev	.0008589	.002613	.03179	.014561	.030239	.0009197
%RSD	37.17570	.1984219	.3040354	.3658704	.6245650	3.226727
#1	.0013656	1.319543	10.47473	3.964768	4.808970	.0280178
#2	.0025216	1.317054	10.41980	3.993836	4.868693	.0279266
#3	.0030440	1.314319	10.47499	3.980831	4.847079	.0295632

Elem	Sr4077
Units	ppm
Avg	.6389279
Stddev	.0023472
%RSD	.3673681
#1	.6405224
#2	.6400288
#3	.6362326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.917	50368.67	10805.47	1399.749	2988.517
Stddev	2.406	213.51	46.02	3.408	4.294
%RSD	.1102767	.4238894	.4259370	.2434606	.1436907
#1	2179.173	50133.60	10777.19	1395.970	2992.295
#2	2182.914	50550.57	10780.64	1402.588	2983.847
#3	2183.664	50421.82	10858.57	1400.689	2989.410

Sample Name: CCV05 Acquired: 4/7/2025 17:43:26 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.883036	4.914278	4.840165	4.896047	4.917661	9.598727	9.577853
Stddev	.014114	.037522	.005311	.026963	.012606	.027930	.085067
%RSD	.2890377	.7635293	.1097344	.5507028	.2563506	.2909726	.8881620

#1	4.866772	4.936266	4.836715	4.900110	4.907174	9.566517	9.562591
#2	4.890265	4.870953	4.837500	4.867283	4.914160	9.613437	9.501451
#3	4.892070	4.935615	4.846282	4.920747	4.931647	9.616227	9.669518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2511367	2.434837	23.74461	.9891950	2.420088	1.235964	4.756234
Stddev	.0012065	.004445	.03505	.0023812	.005681	.004849	.028864
%RSD	.4804001	.1825598	.1476176	.2407192	.2347400	.3923222	.6068636

#1	.2506342	2.433607	23.72528	.9910161	2.416380	1.232736	4.761906
#2	.2502627	2.431137	23.78507	.9900685	2.417254	1.233616	4.781840
#3	.2525132	2.439768	23.72348	.9865004	2.426628	1.241540	4.724955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.368521	23.78922	2.429079	1.237771	23.45420	2.397312	2.472824
Stddev	.005786	.06564	.006457	.003647	.23627	.003018	.005917
%RSD	.2443049	.2759427	.2658180	.2946068	1.007363	.1259016	.2392853

#1	2.368445	23.71560	2.425587	1.236284	23.45656	2.395629	2.475308
#2	2.374345	23.84164	2.425120	1.241926	23.68927	2.395510	2.477094
#3	2.362773	23.81042	2.436530	1.235103	23.21675	2.400797	2.466070

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.72455	5.122070	4.949795	4.868065	4.745916	4.895545	5.063981
Stddev	.20866	.033407	.017013	.012654	.010720	.026049	.011356
%RSD	.8795068	.6522245	.3437211	.2599355	.2258872	.5320953	.2242578

#1	23.77889	5.106016	4.938428	4.866391	4.736400	4.887014	5.059084
#2	23.90067	5.099719	4.941602	4.856332	4.757531	4.924790	5.055895
#3	23.49410	5.160474	4.969354	4.881473	4.743818	4.874832	5.076965

Sample Name: CCV05 Acquired: 4/7/2025 17:43:26 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.845190	4.877410	4.789976
Stddev	.012994	.010188	.084490
%RSD	.2681792	.2088753	1.763890
#1	4.839429	4.866664	4.693917
#2	4.836073	4.886928	4.852772
#3	4.860068	4.878639	4.823240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.343	49420.18	9334.452	1389.342	3241.780
Stddev	4.641	215.62	40.697	8.092	4.087
%RSD	.2137458	.4363079	.4359852	.5824646	.1260720
#1	2176.380	49471.21	9362.860	1381.999	3246.121
#2	2170.410	49183.61	9352.668	1388.008	3241.212
#3	2167.240	49605.71	9287.830	1398.018	3238.007

Sample Name: CCB05 Acquired: 4/7/2025 17:47:37 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0037140	-.000977	.0005398	.0007566	.0012874	.0103670	-.000487
Stddev	.0022262	.000791	.0000695	.0005729	.0002334	.0037879	.000561
%RSD	59.93993	80.92849	12.88342	75.72162	18.12733	36.53823	115.0479

#1	.0027730	-.001588	.0005897	.0004339	.0011334	.0101306	-.000847
#2	.0062561	-.000084	.0004604	.0014180	.0011730	.0142675	.000159
#3	.0021128	-.001259	.0005692	.0004178	.0015559	.0067028	-.000773

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000041	-.000020	-.003395	-.000469	.0000802	.0000197	-.001751
Stddev	.0000689	.000092	.006208	.000397	.0001210	.0003420	.001475
%RSD	1676.972	457.5880	182.8638	84.51667	150.7155	1733.446	84.19921

#1	.0000271	.000084	-.008057	-.000891	.0002124	.0004134	-.001280
#2	-.000073	-.000088	.003652	-.000413	.0000533	-.000204	-.000570
#3	.000059	-.000057	-.005779	-.000103	-.000025	-.000150	-.003404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016011	.0109775	-.000071	-.000147	-.556416	-.000198	-.000729
Stddev	.0002281	.0074386	.000165	.000207	.005759	.000411	.000541
%RSD	14.24712	67.76243	233.4312	141.4536	1.035046	207.9194	74.20331

#1	.0017713	.0193967	-.000217	-.000235	-.555868	-.000616	-.000976
#2	.0013419	.0082412	.000108	-.000296	-.550951	-.000183	-.001104
#3	.0016901	.0052946	-.000102	.000090	-.562430	.000206	-.000109

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.213053	-.002968	.0001191	-.000201	.0003434	.0053960	-.001110
Stddev	.030351	.000654	.0001765	.001226	.0004797	.0083008	.002843
%RSD	14.24582	22.03662	148.2162	608.8989	139.7088	153.8333	256.0118

#1	-.196204	-.003541	.0002009	.001116	.0006127	-.003535	.000531
#2	-.194864	-.002256	-.000083	-.000411	.0006280	.006847	.000531
#3	-.248091	-.003106	.000240	-.001309	-.000210	.012876	-.004393

Sample Name: CCB05 Acquired: 4/7/2025 17:47:37 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.000526	-.000819	.0000403
Stddev	.004455	.000712	.0000268
%RSD	846.4436	86.92708	66.45519
#1	-.005489	-.000840	.0000695
#2	.003129	-.001520	.0000349
#3	.000782	-.000097	.0000167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.156	51637.66	10042.19	1449.206	3621.586
Stddev	4.953	273.73	43.48	8.920	5.529
%RSD	.2198117	.5301025	.4329355	.6155219	.1526694
#1	2258.817	51747.40	10044.30	1455.270	3627.163
#2	2251.032	51839.50	9997.70	1453.386	3621.488
#3	2249.620	51326.09	10084.58	1438.964	3616.106

Sample Name: Q1721-02DUP Acquired: 4/7/2025 17:52:05 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0787190	-.002182	.1762825	-.051544	.0010309	71.44268
Stddev	.0044235	.002134	.0011271	.001292	.0009474	.13111
%RSD	5.619313	97.81557	.6393932	2.506225	91.90025	.1835237

#1	.0809960	-.004061	.1753134	-.050665	.0000409	71.38840
#2	.0815401	-.002622	.1775194	-.050940	.0011228	71.59222
#3	.0736209	.000138	.1760146	-.053027	.0019290	71.34743

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3416230	.0075520	.0030386	226.4860	.1986346	.0637794
Stddev	.0004326	.0000401	.0001127	.4859	.0005313	.0002839
%RSD	.1266150	.5305363	3.707308	.2145286	.2674929	.4451164

#1	.3411448	.0075395	.0029361	226.1180	.1982236	.0636476
#2	.3417372	.0075197	.0030205	227.0368	.1984457	.0641053
#3	.3419869	.0075969	.0031592	226.3033	.1992346	.0635854

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1678982	184.9545	1.462918	42.09524	.0846534	-.010451
Stddev	.0014516	.1983	.003163	.10360	.0002883	.000216
%RSD	.8645752	.1072188	.2162083	.2461020	.3405863	2.066780

#1	.1675443	185.1082	1.465189	42.03392	.0843249	-.010255
#2	.1666562	185.0248	1.464260	42.21485	.0847703	-.010683
#3	.1694940	184.7307	1.459305	42.03695	.0848648	-.010416

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.228911	.2635920	.3286218	6.062485	-.380437	.0035116
Stddev	.017100	.0013040	.0018796	.040362	.003147	.0003854
%RSD	1.391468	.4947143	.5719724	.6657628	.8271242	10.97573

#1	1.209170	.2621632	.3272268	6.016412	-.376805	.0030671
#2	1.239161	.2638948	.3278795	6.091608	-.382334	.0037137
#3	1.238401	.2647179	.3307593	6.079435	-.382173	.0037539

Sample Name: Q1721-02DUP Acquired: 4/7/2025 17:52:05 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0030873	1.303992	F 10.18100	3.951148	4.779390	.0295604
Stddev	.0006096	.000832	.02284	.009904	.008559	.0001030
%RSD	19.74474	.0637965	.2243256	.2506505	.1790811	.3485755
#1	.0028603	1.304535	10.16212	3.945027	4.786799	.0294419
#2	.0037777	1.303034	10.17450	3.962574	4.781351	.0296288
#3	.0026237	1.304406	10.20638	3.945843	4.770021	.0296105

Elem	Sr4077
Units	ppm
Avg	.6308935
Stddev	.0009833
%RSD	.1558547
#1	.6304912
#2	.6320142
#3	.6301752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.187	49916.55	10184.63	1400.247	3010.296
Stddev	.275	73.29	25.45	4.248	1.950
%RSD	.0125328	.1468306	.2498775	.3033747	.0647908
#1	2193.365	49980.33	10203.98	1404.716	3008.394
#2	2192.871	49836.49	10155.80	1399.765	3010.204
#3	2193.326	49932.83	10194.11	1396.261	3012.291

Sample Name: Q1721-02LX5 Acquired: 4/7/2025 17:56:14 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0142771	-.000322	.0364087	-.007641	-.000437	15.14717	.0757681
Stddev	.0061008	.000550	.0013481	.002103	.000475	.03410	.0006348
%RSD	42.73163	170.8991	3.702799	27.52164	108.8149	.2251536	.8377564

#1	.0211836	-.000817	.0377852	-.009683	-.000832	15.14146	.0753063
#2	.0120259	.000270	.0350908	-.007756	-.000569	15.11628	.0764919
#3	.0096218	-.000419	.0363503	-.005482	.000091	15.18377	.0755059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015980	-.000369	49.54338	.0432161	.0127750	.0375848	41.34977
Stddev	.0000473	.000049	.16007	.0001607	.0001727	.0003310	.15000
%RSD	2.961556	13.32439	.3230850	.3719240	1.351851	.8806246	.3627600

#1	.0016525	-.000314	49.36345	.0434005	.0125762	.0373788	41.18729
#2	.0015670	-.000410	49.66995	.0431418	.0128882	.0374090	41.37905
#3	.0015746	-.000383	49.59673	.0431060	.0128605	.0379665	41.48297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3276436	9.113001	.0175437	-.002112	-.186080	.0584295	.0697199
Stddev	.0017209	.025567	.0000865	.000510	.007859	.0015480	.0002647
%RSD	.5252239	.2805529	.4928498	24.16031	4.223705	2.649271	.3796672

#1	.3262055	9.083490	.0174448	-.002338	-.193663	.0600731	.0694493
#2	.3295502	9.127065	.0175819	-.002469	-.186607	.0569993	.0699783
#3	.3271751	9.128449	.0176046	-.001527	-.177971	.0582162	.0697320

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.113294	-.082301	.0006031	-.001818	.2873028	2.195198	.7864607
Stddev	.008574	.000901	.0001615	.000205	.0007459	.015524	.0027110
%RSD	.7701151	1.094684	26.77054	11.25392	.2596072	.7071858	.3447143

#1	1.111533	-.081430	.0007858	-.002045	.2865426	2.196225	.7836066
#2	1.122611	-.083229	.0004795	-.001647	.2880335	2.179186	.7867742
#3	1.105737	-.082243	.0005441	-.001763	.2873322	2.210183	.7890014

Sample Name: Q1721-02LX5 Acquired: 4/7/2025 17:56:14 Type: Unk
 Method: NON EPA-6010-200.7(v2710) 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	.9419595	.0045003	.1352991
Stddev	.0040720	.0008451	.0004240
%RSD	.4322945	18.77967	.3133562
#1	.9377513	.0054762	.1350642
#2	.9458801	.0040108	.1357885
#3	.9422473	.0040139	.1350445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2221.681	50989.59	10492.21	1415.647	3349.546
Stddev	8.261	133.76	16.44	3.538	6.113
%RSD	.3718304	.2623303	.1566912	.2499082	.1825009
#1	2212.371	50962.39	10511.17	1413.749	3342.503
#2	2228.135	51134.87	10482.01	1413.464	3352.668
#3	2224.537	50871.53	10483.43	1419.729	3353.467

Sample Name: Q1721-02MS Acquired: 4/7/2025 18:00:30 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.7092643	1.614613	.9849100	1.414992	.2107441	73.20705
Stddev	.0030256	.009636	.0048207	.006284	.0035027	.04607
%RSD	.4265778	.5967831	.4894584	.4440939	1.662042	.0629339

#1	.7057708	1.609415	.9818756	1.411633	.2067804	73.16543
#2	.7109795	1.608692	.9823858	1.411101	.2120292	73.19917
#3	.7110425	1.625732	.9904687	1.422241	.2134227	73.25656

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4748074	.1520723	.1655116	120.5647	.5194858	.2357425
Stddev	.0009504	.0004914	.0005901	.2931	.0007291	.0005292
%RSD	.2001689	.3231134	.3565565	.2430764	.1403570	.2244830

#1	.4747451	.1526296	.1659041	120.8424	.5190622	.2362517
#2	.4757874	.1518859	.1648329	120.5934	.5203277	.2351953
#3	.4738896	.1517014	.1657978	120.2583	.5190675	.2357805

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4004737	194.4031	2.993487	28.94996	.4895605	.0548843
Stddev	.0013204	.7215	.008912	.05124	.0007394	.0000354
%RSD	.3296980	.3711268	.2977021	.1770085	.1510389	.0644768

#1	.4000184	194.2194	3.001975	28.99755	.4902782	.0548436
#2	.3994412	195.1987	2.994282	28.95661	.4888011	.0549019
#3	.4019614	193.7912	2.984205	28.89571	.4896022	.0549074

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.672419	.5039014	.5205309	15.17389	-.154336	.3093417
Stddev	.037669	.0025726	.0026804	.08825	.003558	.0009143
%RSD	1.025720	.5105328	.5149348	.5816203	2.305616	.2955528

#1	3.677500	.5055101	.5208715	15.07857	-.158160	.3088350
#2	3.707289	.5009343	.5230246	15.25277	-.151122	.3087930
#3	3.632467	.5052597	.5176964	15.19032	-.153725	.3103971

Sample Name: Q1721-02MS Acquired: 4/7/2025 18:00:30 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.5742860	1.270040	F 12.23882	8.489884	3.607052	.2070633
Stddev	.0016960	.004639	.05317	.044403	.011161	.0006422
%RSD	.2953240	.3652508	.4344651	.5230060	.3094316	.3101659
#1	.5723429	1.273535	12.17836	8.525655	3.606407	.2066770
#2	.5754688	1.271808	12.25978	8.440188	3.596228	.2078047
#3	.5750465	1.264777	12.27831	8.503809	3.618522	.2067082

Elem	Sr4077
Units	ppm
Avg	.4457055
Stddev	.0012499
%RSD	.2804358
#1	.4464949
#2	.4463571
#3	.4442644

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.985	51138.04	10977.42	1419.986	3117.283
Stddev	5.217	85.24	53.12	5.567	9.096
%RSD	.2330914	.1666783	.4838980	.3920309	.2917807
#1	2240.153	51121.51	10916.11	1422.591	3111.099
#2	2241.767	51062.28	11009.67	1413.595	3127.727
#3	2232.034	51230.33	11006.48	1423.773	3113.024

Sample Name: Q1721-02MSD Acquired: 4/7/2025 18:04:32 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.6967315	1.602712	.9741728	1.396038	.2129042	73.85239
Stddev	.0017045	.015619	.0021097	.005059	.0019050	.14185
%RSD	.2446390	.9745145	.2165614	.3623993	.8947872	.1920718

#1	.6986104	1.610312	.9718740	1.390199	.2127346	73.78557
#2	.6962996	1.613076	.9746239	1.399117	.2148883	74.01531
#3	.6952846	1.584748	.9760204	1.398797	.2110896	73.75629

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4715425	.1555610	.1651949	120.2430	.5201814	.2337361
Stddev	.0026514	.0009031	.0004792	.3597	.0021177	.0004597
%RSD	.5622746	.5805516	.2900655	.2991092	.4071059	.1966817

#1	.4693154	.1545556	.1646772	119.9113	.5222299	.2333003
#2	.4744754	.1563033	.1656228	120.6253	.5180007	.2342165
#3	.4708368	.1558243	.1652846	120.1924	.5203136	.2336915

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4032211	189.9495	2.987780	29.10882	.4862127	.0537474
Stddev	.0018739	1.2248	.010878	.03670	.0004899	.0005584
%RSD	.4647192	.6447781	.3640941	.1260673	.1007559	1.038889

#1	.4011027	191.3347	2.976530	29.06807	.4857154	.0541222
#2	.4038991	189.0100	2.998244	29.11912	.4866949	.0531057
#3	.4046617	189.5038	2.988567	29.13926	.4862279	.0540144

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.511950	.5045419	.5204851	14.80525	-.163502	.3092917
Stddev	.019403	.0018059	.0037710	.12413	.003746	.0004871
%RSD	.5524829	.3579285	.7245146	.8384405	2.291190	.1574850

#1	3.533500	.5048369	.5247040	14.94854	-.159346	.3094542
#2	3.506480	.5061822	.5174423	14.73691	-.166618	.3087441
#3	3.495868	.5026067	.5193092	14.73031	-.164542	.3096768

Sample Name: Q1721-02MSD Acquired: 4/7/2025 18:04:32 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.5704771	1.289414	F 12.80061	8.350665	3.555783	.2094087
Stddev	.0013637	.004721	.07773	.010515	.008253	.0013590
%RSD	.2390389	.3661628	.6072483	.1259165	.2321137	.6489504

#1	.5720435	1.285497	12.88482	8.349039	3.548620	.2083259
#2	.5695553	1.294656	12.73159	8.361899	3.564809	.2109337
#3	.5698324	1.288088	12.78543	8.341058	3.553921	.2089666

Elem	Sr4077
Units	ppm
Avg	.4474668
Stddev	.0035465
%RSD	.7925843

#1	.4442500
#2	.4512700
#3	.4468803

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.571	51368.19	10736.70	1427.447	3147.506
Stddev	3.313	226.14	54.70	6.531	3.162
%RSD	.1468283	.4402396	.5094247	.4575201	.1004758

#1	2255.122	51121.06	10795.94	1420.162	3146.480
#2	2260.362	51564.80	10688.12	1429.405	3151.054
#3	2254.228	51418.72	10726.04	1432.776	3144.983

Sample Name: Q1721-02A Acquired: 4/7/2025 18:08:35 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.6154023	1.354970	.8592612	1.257453	.3611425	73.07440
Stddev	.1190916	.294026	.1509111	.281976	.1505025	.48893
%RSD	19.35183	21.69979	17.56289	22.42436	41.67400	.6690805

#1	.4953210	1.062086	.7078575	.976164	.2175434	73.32948
#2	.6174069	1.352701	.8602513	1.256086	.3481747	73.38303
#3	.7334789	1.650124	1.009675	1.540110	.5177093	72.51068

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4078607	.0780279	.1433463	229.1751	.3502375	.2086938
Stddev	.0018203	.0084355	.0317481	1.4524	.0197219	.0326575
%RSD	.4463036	10.81088	22.14784	.6337662	5.631014	15.64851

#1	.4060142	.0699370	.1118028	230.0343	.3316563	.1760037
#2	.4079143	.0773765	.1429411	229.9929	.3481260	.2087593
#3	.4096536	.0867702	.1752951	227.4982	.3709302	.2413185

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3615633	196.9609	1.535835	42.72434	.4462438	.0215357
Stddev	.0457867	.4363	.008455	.21445	.0811169	.0033555
%RSD	12.66353	.2215376	.5505049	.5019307	18.17771	15.58090

#1	.3157436	197.3855	1.538140	42.75859	.3655043	.0185691
#2	.3616295	196.5137	1.542898	42.91959	.4454943	.0208607
#3	.4073169	196.9835	1.526467	42.49482	.5277328	.0251774

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.314358	.3459883	.4049994	10.17647	-.234644	.1823816
Stddev	.054172	.0046454	.0086367	.17525	.016022	.0752528
%RSD	2.340708	1.342634	2.132513	1.722140	6.828193	41.26116

#1	2.263032	.3436493	.3965536	10.00112	-.246834	.1109017
#2	2.309055	.3429774	.4046297	10.17667	-.240601	.1753321
#3	2.370987	.3513383	.4138150	10.35162	-.216497	.2609111

Sample Name: Q1721-02A Acquired: 4/7/2025 18:08:35 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.3245211	1.410179	F 13.37047	8.491041	4.770623	.0896679
Stddev	.1367627	.009339	.06105	1.012042	.012105	.0042442
%RSD	42.14292	.6622760	.4565828	11.91893	.2537456	4.733225

#1	.1945550	1.414667	13.42540	7.484333	4.767754	.0860661
#2	.3118149	1.416428	13.30475	8.480456	4.760209	.0885909
#3	.4671935	1.399443	13.38127	9.508333	4.783905	.0943469

Elem	Sr4077
Units	ppm
Avg	.6888690
Stddev	.0032976
%RSD	.4787005

#1	.6897878
#2	.6916097
#3	.6852094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.083	49997.37	10614.25	1403.990	2994.927
Stddev	4.818	42.89	69.85	2.338	10.723
%RSD	.2197818	.0857912	.6580955	.1665100	.3580490

#1	2196.372	50027.77	10585.95	1402.830	3002.254
#2	2193.007	50016.04	10562.99	1402.459	2999.908
#3	2186.870	49948.31	10693.81	1406.681	2982.619

Sample Name: PB167441BS Acquired: 4/7/2025 18:12:38 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.7412568	1.937761	.9156884	1.882206	.7749645	1.847868
Stddev	.0033395	.017758	.0012061	.009139	.0051534	.019781
%RSD	.4505214	.9163957	.1317118	.4855625	.6649904	1.070457

#1	.7383779	1.952155	.9146033	1.887820	.7718078	1.840546
#2	.7404745	1.917917	.9154750	1.871660	.7721742	1.870266
#3	.7449180	1.943209	.9169869	1.887138	.7809114	1.832792

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1836824	.1909737	.1852740	.9509595	.3926981	.1874630
Stddev	.0011760	.0017162	.0000884	.0097155	.0018439	.0006091
%RSD	.6402118	.8986737	.0477318	1.021653	.4695502	.3249219

#1	.1825137	.1908005	.1852315	.9522718	.3938823	.1867609
#2	.1848655	.1927700	.1852148	.9599522	.3905736	.1877780
#3	.1836679	.1893507	.1853757	.9406546	.3936384	.1878501

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2977365	2.897867	.1892620	1.815435	.4716342	.0738812
Stddev	.0003535	.025241	.0009751	.023145	.0009006	.0005758
%RSD	.1187211	.8710217	.5151919	1.274905	.1909527	.7793758

#1	.2973398	2.898532	.1884005	1.800000	.4711251	.0741471
#2	.2978520	2.872300	.1903205	1.842048	.4711034	.0732205
#3	.2980178	2.922769	.1890649	1.804258	.4726740	.0742760

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.974636	.2798462	.1967962	9.184600	.2756020	.3922704
Stddev	.029878	.0047125	.0015443	.067435	.0034510	.0011049
%RSD	1.004431	1.683969	.7847180	.7342187	1.252177	.2816658

#1	2.957791	.2749075	.1972053	9.144442	.2747778	.3923701
#2	2.956983	.2842941	.1950886	9.146904	.2793905	.3911190
#3	3.009133	.2803371	.1980948	9.262455	.2726377	.3933221

Sample Name: PB167441BS Acquired: 4/7/2025 18:12:38 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.6552436	.1837212	.7679900	5.652382	F -.009479	.1926196
Stddev	.0031261	.0018510	.0019727	.004950	.000845	.0024220
%RSD	.4770967	1.007521	.2568631	.0875685	8.918838	1.257379

#1	.6530499	.1821790	.7665197	5.652435	-.009274	.1899221
#2	.6538579	.1857739	.7672184	5.647407	-.010408	.1946074
#3	.6588231	.1832106	.7702318	5.657306	-.008755	.1933294

Elem	Sr4077
Units	ppm
Avg	.1830868
Stddev	.0017701
%RSD	.9667976

#1	.1815218
#2	.1850078
#3	.1827308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.294	51148.02	9988.111	1460.043	3549.601
Stddev	5.625	168.93	101.466	6.050	3.335
%RSD	.2484132	.3302831	1.015871	.4143733	.0939428

#1	2265.685	51226.18	10023.32	1459.515	3550.615
#2	2269.093	51263.73	9873.73	1466.339	3552.312
#3	2258.104	50954.16	10067.28	1454.274	3545.878

Sample Name: PB167466BL Acquired: 4/7/2025 18:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0022574	-.000301	-.000520	.0013884	.0003055	.0034100	-.000784
Stddev	.0019083	.000875	.000797	.0005290	.0008874	.0106344	.000295
%RSD	84.53703	290.5591	153.3279	38.09779	290.4365	311.8556	37.63456

#1	.0028027	-.001258	-.000950	.0018260	.0004924	-.008513	-.000994
#2	.0038337	-.000104	.000400	.0008006	.0010846	.011916	-.000910
#3	.0001358	.000459	-.001009	.0015386	-.000660	.006828	-.000446

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000048	.0010113	-.000189	-.000061	-.000236	.0007530
Stddev	.000055	.000073	.0079066	.000292	.000243	.000148	.0046409
%RSD	374.0996	152.4852	781.8198	155.1206	401.0435	62.56892	616.3044

#1	.000009	-.000101	-.000151	-.000175	-.000164	-.000323	.0028360
#2	-.000078	-.000078	.009435	-.000487	-.000235	-.000320	.0039876
#3	.000025	.000035	-.006250	.000097	.000217	-.000066	-.004564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013993	.0050269	-.000073	.0002453	-.605377	.0002582	-.001097
Stddev	.0003039	.0114511	.000197	.0001388	.006692	.0005465	.000229
%RSD	21.72112	227.7979	270.5498	56.57349	1.105374	211.6084	20.87304

#1	.0010669	-.007946	-.000262	.0002761	-.612207	-.000249	-.000981
#2	.0014680	.013728	-.000086	.0003661	-.598833	.000837	-.001361
#3	.0016630	.009299	.000130	.0000937	-.605092	.000187	-.000950

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.245156	-.008320	-.000495	.0005947	.0001194	-.006409	-.001838
Stddev	.007746	.000412	.000354	.0003879	.0005979	.005756	.001544
%RSD	3.159762	4.948637	71.48884	65.21654	500.9643	89.81489	84.01941

#1	-.243797	-.007847	-.000683	.0002233	.0003937	-.003800	-.000521
#2	-.253491	-.008600	-.000087	.0005637	-.000567	-.002419	-.001454
#3	-.238178	-.008513	-.000714	.0009972	.000531	-.013008	-.003537

Sample Name: PB167466BL Acquired: 4/7/2025 18:16:41 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	-.000784	-.000074	-.000019
Stddev	.003980	.000820	.000021
%RSD	507.3850	1102.135	114.4650

#1	.003765	.000847	.000006
#2	-.002492	-.000722	-.000030
#3	-.003626	-.000348	-.000032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.915	51167.08	10028.64	1453.044	3640.068
Stddev	10.491	154.98	61.84	6.885	11.721
%RSD	.4627760	.3028993	.6166287	.4738479	.3220132

#1	2275.944	51276.20	10029.36	1460.573	3650.893
#2	2255.406	50989.68	9966.44	1447.068	3627.619
#3	2269.394	51235.37	10090.11	1451.491	3641.691

Sample Name: PB167466BS Acquired: 4/7/2025 18:27:26 Type: Unk
Method: NON EPA-6010-200.7(v2895) 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	.7547065	1.913274	.9154939	1.936581	.7827066	1.843006
Stddev	.0027225	.012614	.0026436	.010890	.0057488	.003451
%RSD	.3607381	.6592881	.2887586	.5623107	.7344740	.1872571

#1	.7558986	1.898732	.9139492	1.927729	.7805597	1.845604
#2	.7515913	1.919840	.9139862	1.933273	.7783403	1.844324
#3	.7566297	1.921251	.9185464	1.948741	.7892199	1.839090

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763564	.1793767	.1847631	.9577335	.3869952	.1866570
Stddev	.0006789	.0007494	.0008404	.0056098	.0018264	.0007480
%RSD	.3849699	.4177753	.4548449	.5857416	.4719546	.4007569

#1	.1768748	.1801426	.1842965	.9616634	.3848995	.1860046
#2	.1766064	.1786450	.1842595	.9602280	.3882482	.1864928
#3	.1755879	.1793423	.1857332	.9513090	.3878378	.1874735

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2974981	2.925352	.1812356	1.803875	.4713355	.0729548
Stddev	.0009311	.012133	.0005591	.012141	.0019710	.0004519
%RSD	.3129890	.4147574	.3085063	.6730756	.4181705	.6194480

#1	.2965795	2.914169	.1815949	1.811083	.4700390	.0734489
#2	.2974736	2.923635	.1815205	1.789857	.4703638	.0725625
#3	.2984413	2.938252	.1805914	1.810684	.4736036	.0728528

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.962178	.2711653	.1930802	9.328786	.2546689	.3887920
Stddev	.018391	.0026903	.0006267	.013973	.0027747	.0010351
%RSD	.6208535	.9921155	.3245797	.1497814	1.089529	.2662444

#1	2.942015	.2739633	.1937394	9.342591	.2572823	.3880703
#2	2.978033	.2709348	.1930090	9.314651	.2517571	.3883277
#3	2.966484	.2685976	.1924921	9.329117	.2549672	.3899780

Sample Name: PB167466BS Acquired: 4/7/2025 18:27:26 Type: Unk
Method: NON EPA-6010-200.7(v2895) 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	.6533497	.1782471	.7554751	5.616185	F -.016204	.1840301
Stddev	.0030971	.0006680	.0082748	.031372	.000679	.0005833
%RSD	.4740401	.3747708	1.095314	.5586019	4.192794	.3169754
#1	.6507069	.1789744	.7650107	5.589199	-.015596	.1843278
#2	.6525844	.1776610	.7501811	5.608748	-.016937	.1844046
#3	.6567577	.1781059	.7512335	5.650607	-.016080	.1833580

Elem	Sr4077
Units	ppm
Avg	.1771845
Stddev	.0004979
%RSD	.2810108
#1	.1777192
#2	.1771002
#3	.1767341

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.148	51031.04	10379.99	1431.323	3464.398
Stddev	5.897	79.81	36.75	5.543	6.541
%RSD	.2664683	.1563929	.3540883	.3872410	.1887968
#1	2207.639	51011.51	10339.79	1428.371	3459.614
#2	2219.369	50962.80	10388.33	1427.881	3471.852
#3	2212.436	51118.80	10411.87	1437.717	3461.730

Sample Name: LR1 Acquired: 4/7/2025 18:41:58 Type: Unk
Method: NON EPA-6010-200.7(v2896) 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	.0410497	.0762372	.0483380	-.227040	.0087569	1930.508	.0165800
Stddev	.0056835	.0013399	.0056796	.016193	.0091698	22.474	.0007939
%RSD	13.84531	1.757571	11.74970	7.132392	104.7157	1.164131	4.788099

#1	.0437335	.0751104	.0546190	-.231439	.0159249	1947.486	.0173007
#2	.0448943	.0758823	.0435638	-.209101	-.001576	1939.014	.0167102
#3	.0345213	.0777188	.0468311	-.240579	.011922	1905.022	.0157291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094596	.0302777	1873.654	.0252347	.0275612	.0510505	974.0240
Stddev	.0001776	.0013713	10.460	.0007203	.0002959	.0085202	4.0706
%RSD	1.877608	4.529017	.5582498	2.854407	1.073477	16.68972	.4179129

#1	.0093170	.0294976	1884.032	.0258862	.0273514	.0470188	976.2761
#2	.0096585	.0294744	1873.814	.0253566	.0278996	.0452945	976.4708
#3	.0094032	.0318610	1863.115	.0244612	.0274325	.0608383	969.3250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032236	1635.542	.0161046	-.045589	1818.678	.0177787	.4198488
Stddev	.000559	7.495	.0012048	.000144	9.581	.0026133	.0016293
%RSD	1.733662	.4582564	7.480977	.3158409	.5268143	14.69928	.3880567

#1	-.031648	1641.084	.0160435	-.045680	1811.714	.0149094	.4204534
#2	-.032298	1638.528	.0149315	-.045423	1814.715	.0184039	.4180037
#3	-.032761	1627.014	.0173387	-.045663	1829.604	.0200227	.4210893

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1379.147	^ *****	-.013696	-.001895	-.035346	.1151766	.0726044
Stddev	8.532	-----	.002598	.002776	.000515	.0081405	.0106346
%RSD	.6186512	-----	18.97096	146.5163	1.456255	7.067852	14.64737

#1	1375.825	^ -----	-.016644	.001179	-.035875	.1179796	.0603535
#2	1388.840	^ -----	-.011738	-.004220	-.035317	.1060049	.0794594
#3	1372.775	^ -----	-.012707	-.002643	-.034847	.1215452	.0780003

Sample Name: LR1 Acquired: 4/7/2025 18:41:58 Type: Unk
Method: NON EPA-6010-200.7(v2896) 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	-.200486	-.296147	-.962701
Stddev	.028390	.000738	.004086
%RSD	14.16083	.2492571	.4244139
#1	-.230551	-.296780	-.964951
#2	-.196770	-.295336	-.965168
#3	-.174136	-.296324	-.957985

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.489	35475.18	8753.969	988.4035	1955.645
Stddev	6.318	96.23	52.893	3.3216	4.128
%RSD	.4096154	.2712691	.6042199	.3360558	.2110860
#1	1543.627	35384.51	8696.008	984.6077	1957.542
#2	1548.160	35464.89	8766.275	989.8252	1958.484
#3	1535.679	35576.15	8799.625	990.7777	1950.910

Sample Name: LR2 Acquired: 4/7/2025 18:46:57 Type: Unk
Method: NON EPA-6010-200.7(v2896) 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	-.006000	-.026240	262.9397	.0058882	.0037343	.3178710	95.87287
Stddev	.001534	.004694	.3530	.0048095	.0035867	.0068642	1.83680
%RSD	25.56311	17.89041	.1342432	81.68080	96.04708	2.159427	1.915869

#1	-.004323	-.028358	262.9576	.0040837	.0074478	.3257884	97.91071
#2	-.007332	-.020860	262.5781	.0113389	.0034657	.3135909	94.34480
#3	-.006344	-.029502	263.2833	.0022419	.0002895	.3142337	95.36310

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003298	-.004259	.4268428	.0093523	.0027253	269.7784	.3493580
Stddev	.000043	.000064	.0130669	.0002608	.0004280	1.6851	.0061470
%RSD	1.300935	1.499196	3.061292	2.788530	15.70308	.6246302	1.759504

#1	-.003306	-.004186	.4334387	.0090513	.0030209	271.2072	.3489724
#2	-.003252	-.004282	.4352971	.0095114	.0029204	267.9201	.3556887
#3	-.003337	-.004307	.4117927	.0094942	.0022346	270.2079	.3434130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.04173	.0015263	51.54665	.0030069	-.358053	-.011353	31.85936
Stddev	.46652	.0205973	.05898	.0001296	.019880	.000590	.12730
%RSD	.9512677	1349.457	.1144246	4.308986	5.552220	5.197516	.3995713

#1	49.56987	.0177415	51.58362	.0029515	-.343191	-.011092	31.73275
#2	48.68579	.0084870	51.47863	.0029142	-.350334	-.012028	31.98734
#3	48.86952	-.021649	51.57770	.0031549	-.380635	-.010938	31.85800

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735842	-.007965	-.008521	-.006447	-.032688	-.008568	.4448910
Stddev	.0088107	.000988	.000361	.000667	.000618	.005805	.0066645
%RSD	11.97367	12.39827	4.236736	10.34090	1.889932	67.75066	1.498012

#1	.0649004	-.007264	-.008851	-.005876	-.032007	-.001954	.4520520
#2	.0825166	-.007536	-.008576	-.007180	-.033214	-.010933	.4437509
#3	.0733356	-.009094	-.008136	-.006284	-.032842	-.012817	.4388701

Sample Name: LR2 Acquired: 4/7/2025 18:46:57 Type: Unk
Method: NON EPA-6010-200.7(v2896) 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	-.003428	-.001007	.0013773
Stddev	.002230	.000756	.0000340
%RSD	65.05132	75.13123	2.469688

#1	-.005223	-.000318	.0013492
#2	-.004130	-.000886	.0014151
#3	-.000932	-.001816	.0013675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.592	50803.64	10058.11	1373.670	3380.568
Stddev	3.739	145.19	83.72	3.910	5.328
%RSD	.2074168	.2857855	.8323990	.2846746	.1576211

#1	1804.573	50855.38	9962.40	1371.791	3383.788
#2	1804.923	50915.88	10094.19	1378.165	3383.499
#3	1798.279	50639.67	10117.75	1371.053	3374.418

Sample Name: CCV06 Acquired: 4/7/2025 18:51:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.932824	4.936253	4.891713	4.967998	4.995592	9.574465	9.840386
Stddev	.022770	.056419	.033302	.023825	.027025	.024327	.065876
%RSD	.4616112	1.142953	.6807865	.4795776	.5409777	.2540806	.6694419

#1	4.921853	4.907886	4.870284	4.963877	4.995181	9.602506	9.813640
#2	4.917616	4.899646	4.874776	4.946502	4.968775	9.559002	9.915428
#3	4.959003	5.001226	4.930080	4.993615	5.022820	9.561888	9.792090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2347814	2.449135	23.87253	.9971477	2.437855	1.256818	5.117340
Stddev	.0013706	.014823	.06260	.0011301	.012836	.007170	.011750
%RSD	.5837756	.6052165	.2622166	.1133293	.5265200	.5705199	.2296157

#1	.2337030	2.438336	23.80739	.9984434	2.428714	1.253626	5.127350
#2	.2363238	2.443034	23.93223	.9963658	2.432322	1.251798	5.104403
#3	.2343174	2.466034	23.87797	.9966339	2.452530	1.265030	5.120267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.369925	23.59007	2.448838	1.243043	25.82792	2.412330	2.465424
Stddev	.008410	.09369	.014356	.000779	.18091	.002652	.009255
%RSD	.3548843	.3971659	.5862351	.0626943	.7004426	.1099541	.3753885

#1	2.365035	23.51558	2.440188	1.242398	26.02202	2.413010	2.469127
#2	2.379636	23.69526	2.440916	1.242821	25.66400	2.409403	2.454890
#3	2.365103	23.55937	2.465409	1.243909	25.79772	2.414576	2.472253

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.69552	4.747691	4.994969	4.909268	4.802322	5.288855	5.065389
Stddev	.22736	.029887	.022488	.029170	.008124	.038190	.045732
%RSD	.8848082	.6295034	.4502161	.5941924	.1691703	.7220810	.9028240

#1	25.88034	4.723095	4.994880	4.889837	4.803054	5.315802	5.049112
#2	25.44164	4.780953	4.972525	4.895155	4.810055	5.245152	5.030023
#3	25.76458	4.739025	5.017501	4.942811	4.793856	5.305612	5.117033

Sample Name: CCV06 Acquired: 4/7/2025 18:51:48 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	4.882523	4.820591	4.855069
Stddev	.010740	.005164	.045650
%RSD	.2199733	.1071187	.9402446
#1	4.873829	4.826497	4.826308
#2	4.879211	4.818348	4.907705
#3	4.894529	4.816928	4.831195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.854	49186.74	10023.97	1370.858	3239.144
Stddev	6.497	131.38	55.69	4.586	14.771
%RSD	.2999927	.2671055	.5555732	.3345436	.4560044
#1	2165.416	49035.04	10043.58	1365.629	3249.193
#2	2172.559	49263.42	9961.13	1374.197	3246.055
#3	2159.586	49261.76	10067.21	1372.748	3222.185

Sample Name: CCB06 Acquired: 4/7/2025 18:55:59 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0023125	.0005912	.0006219	.0010106	.0005922	.0025568	-.001603
Stddev	.0016047	.0012440	.0005463	.0009096	.0013097	.0050256	.000508
%RSD	69.39334	210.4084	87.84201	90.01397	221.1562	196.5526	31.66877

#1	.0021140	.0015646	.0011740	.0016562	.0017992	-.003244	-.001071
#2	.0008162	-.000810	.0000815	.0014052	.0007780	.005589	-.001656
#3	.0040072	.001019	.0006104	-.000030	-.000800	.005325	-.002082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	.0000198	-.002919	-.000177	.0002026	.0004111	-.002644
Stddev	.000047	.0000692	.004578	.000307	.0001158	.0001839	.005952
%RSD	60.02960	349.8560	156.8540	173.7628	57.15804	44.73780	225.1095

#1	-.000058	-.000060	-.007912	-.000121	.0001327	.0002291	-.004443
#2	-.000045	.000052	-.001926	.000099	.0001388	.0005969	-.007489
#3	-.000132	.000067	.001082	-.000508	.0003363	.0004073	.004000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016494	.0026256	.0001418	.0000448	-.334739	.0015551	-.001284
Stddev	.0002520	.0038852	.0000988	.0005242	.024513	.0022107	.000246
%RSD	15.27836	147.9731	69.67728	1169.393	7.322910	142.1616	19.15979

#1	.0013622	.0022228	.0001279	.0002977	-.362403	.0014362	-.001355
#2	.0017526	-.001042	.0002467	.0003946	-.326094	.0038229	-.001487
#3	.0018334	.006697	.0000506	-.000558	-.315721	-.000594	-.001011

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.122189	-.005717	-.000478	-.000278	.0003801	.0087389	-.001963
Stddev	.037252	.000918	.000163	.000440	.0003818	.0030676	.002137
%RSD	30.48734	16.05139	34.00307	158.5596	100.4421	35.10313	108.8702

#1	-.114291	-.006557	-.000414	-.000426	.0006511	.0122782	-.001949
#2	-.089519	-.004738	-.000358	.000218	.0005457	.0068445	-.004107
#3	-.162756	-.005858	-.000663	-.000625	-.000057	.0070941	.000167

Sample Name: CCB06 Acquired: 4/7/2025 18:55:59 Type: Unk
Method: NON EPA-6010-200.7(v2710) 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	.0009128	.0000526	.0000356
Stddev	.0019242	.0008076	.0000296
%RSD	210.8165	1536.417	82.99562

#1	.0020247	-.000871	.0000647
#2	.0020227	.000625	.0000367
#3	-.001309	.000403	.0000056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.943	50886.16	9741.098	1438.603	3670.727
Stddev	9.529	173.67	6.619	1.892	13.134
%RSD	.4194021	.3412970	.0679470	.1315182	.3578063

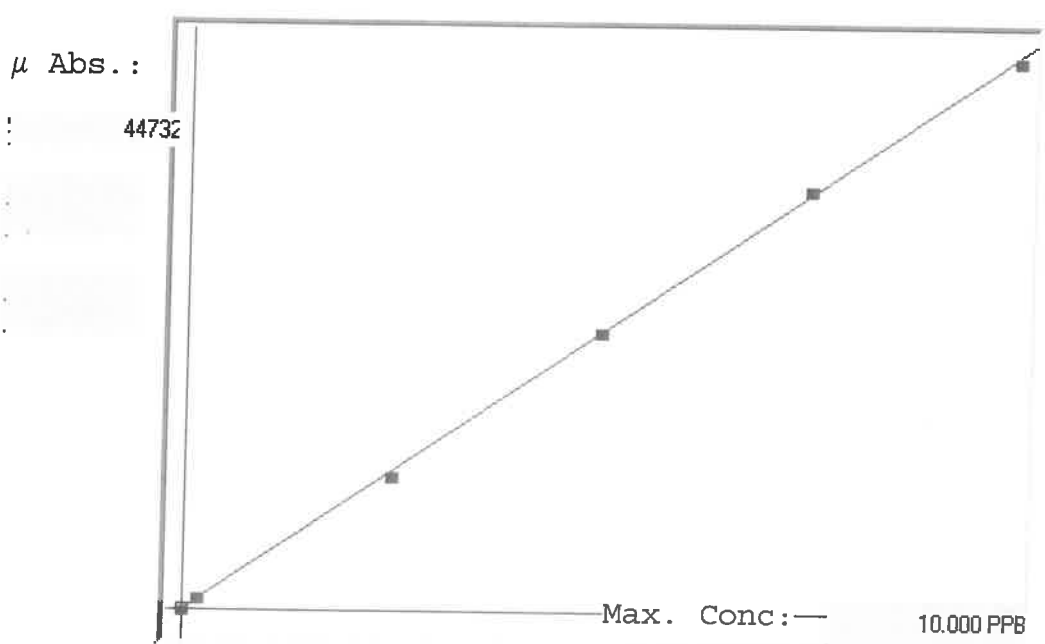
#1	2272.087	50878.70	9744.795	1437.987	3670.916
#2	2281.399	50716.34	9745.042	1440.726	3683.766
#3	2262.343	51063.45	9733.456	1437.095	3657.500

LB135320

7471B

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000
B= 2.2183e-004
C= -5.6556e-003
Rho= 0.9998035
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	0.015	0.015	93	0.000	93					
0.2	0.200	0.218	0.018	1007	0.0 %	1007					
2.5	2.500	2.400	-0.100	10844	0.0 %	10844					
5.0	5.000	5.034	0.034	22717	0.0 %	22717					
7.5	7.500	7.616	0.116	34360	0.0 %	34360					
10.0	10.000	9.917	-0.083	44732	0.0 %	44732					

0.101)
167
-49
-2
-1

LB135320 INSTRUMENT ID : CV1

Method: 7471B

Operator: Admin

Date of Analysis: 07 Apr 2025 11:26:51

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	50	93	-	0.0000	7471B	PPB	07 Apr 2025 13:15:14	S	Std
0.2 - 1	50.2	1007	-	0.2000	7471B	PPB	07 Apr 2025 13:17:31	S	Std
2.5 - 1	52.5	10844	-	2.5000	7471B	PPB	07 Apr 2025 13:19:49	S	Std
5.0 - 1	55	22717	-	5.0000	7471B	PPB	07 Apr 2025 13:22:08	S	Std
7.5 - 1	59.5	34360	-	7.5000	7471B	PPB	07 Apr 2025 13:24:27	S	Std
10.0 - 1	59.5	44732	-	10.0000	7471B	PPB	07 Apr 2025 13:26:46	S	Std
ICV79 - 1	ICV79	16475	3.6490	-7471B	PPB	07 Apr 2025 13:29:48	U	SMPL	
ICB79 - 1	ICB79	-225	-0.0556	-7471B	PPB	07 Apr 2025 13:32:04	U	SMPL	
CCV39 - 1	CCV39	23229	5.1473	-7471B	PPB	07 Apr 2025 13:34:22	U	SMPL	
CCB39 - 1	CCB39	-245	-0.0600	-7471B	PPB	07 Apr 2025 13:36:44	U	SMPL	
CRA - 1	CRA	929	0.2004	-7471B	PPB	07 Apr 2025 13:39:02	U	SMPL	
HighStd - 1	HighStd	45456	10.0779	-7471B	PPB	07 Apr 2025 13:41:17	U	SMPL	
ChkStd - 1	ChkStd	30835	6.8345	-7471B	PPB	07 Apr 2025 13:43:32	U	SMPL	
PB167478BL - 1	PBS	-406	-0.0957	-7471B	PPB	07 Apr 2025 13:45:58	U	SMPL	
PB167478BS - 1	LCSS	16293	3.6086	-7471B	PPB	07 Apr 2025 13:48:18	U	SMPL	
Q1694-01 - 1	TP-18	2593	0.5696	-7471B	PPB	07 Apr 2025 13:50:34	U	SMPL	
Q1695-01 - 1	TT-2	18705	4.1437	-7471B	PPB	07 Apr 2025 13:52:53	U	SMPL	
Q1695-05 - 1	TT-3	5909	1.3051	-7471B	PPB	07 Apr 2025 13:55:12	U	SMPL	
Q1698-01 - 1	B-9	2008	0.4398	-7471B	PPB	07 Apr 2025 13:57:33	U	SMPL	
Q1698-07 - 1	B-10	4020	0.8861	-7471B	PPB	07 Apr 2025 13:59:51	U	SMPL	
CCV40 - 1	CCV40	23174	5.1351	-7471B	PPB	07 Apr 2025 14:02:06	U	SMPL	
CCB40 - 1	CCB40	-246	-0.0602	-7471B	PPB	07 Apr 2025 14:04:23	U	SMPL	
Q1706-01 - 1	PL-01-040225	2087	0.4573	-7471B	PPB	07 Apr 2025 14:06:43	U	SMPL	
Q1706-03 - 1	PL-02-040225	997	0.2155	-7471B	PPB	07 Apr 2025 14:08:59	U	SMPL	
Q1712-01 - 1	Z-05A	17148	3.7983	-7471B	PPB	07 Apr 2025 14:11:17	U	SMPL	
Q1712-05 - 1	TT-7	15387	3.4077	-7471B	PPB	07 Apr 2025 14:13:51	U	SMPL	
Q1721-02 - 1	AU-05-040325	1752	0.3830	-7471B	PPB	07 Apr 2025 14:21:39	U	SMPL	
Q1721-02DUP - 1	AU-05-040325DUP	1618	0.3533	-7471B	PPB	07 Apr 2025 14:23:57	U	SMPL	
Q1721-02MS - 1	AU-05-040325MS	15377	3.4054	-7471B	PPB	07 Apr 2025 14:26:13	U	SMPL	
Q1721-02MSD - 1	AU-05-040325MSD	16082	3.5618	-7471B	PPB	07 Apr 2025 14:28:30	U	SMPL	
Q1721-02LX5 - 1		-91	-0.0258	-7471B	PPB	07 Apr 2025 14:30:50	U	SMPL	
Q1721-02A - 1		17789	3.9405	-7471B	PPB	07 Apr 2025 14:33:09	U	SMPL	
CCV41 - 1	CCV41	22014	4.8777	-7471B	PPB	07 Apr 2025 14:35:24	U	SMPL	
CCB41 - 1	CCB41	-296	-0.0713	-7471B	PPB	07 Apr 2025 14:37:43	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: 04/03/2025 Time : 09:05 Temp : 96 °C

End Digest Date: 04/03/2025 Time : 11:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6003
LFS-2	1.00	M6012
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
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6158
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 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/03/25 12:10	<i>[Signature]</i> Met. Lab	<i>[Signature]</i> Met. Lab
	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
PB167441BL	PBS441	N/A	2.39	100	Colorless	Colorless	Fine	N/A	N/A	1
PB167441BS	LCS441	N/A	2.16	100	Colorless	Colorless	Fine	N/A	M6003,M6012	2
Q1698-01	B-9	N/A	2.46	100	Brown	Yellow	Medium	N/A	N/A	3
Q1698-07	B-10	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	4
Q1698-07MS	B-10MS	N/A	2.18	100	Brown	Yellow	Medium	N/A	M6003,M6012	6
Q1698-07MSD	B-10MSD	N/A	2.29	100	Brown	Yellow	Medium	N/A	M6003,M6012	7
Q1698-07DUP	B-10DUP	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	5
Q1705-01	ETGI-327	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	8
Q1705-02	ETGI-275	N/A	2.32	100	Brown	Yellow	Medium	N/A	N/A	9
Q1706-01	PL-01-040225	N/A	2.17	100	Brown	Yellow	Medium	N/A	N/A	10
Q1706-03	PL-02-040225	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	11

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB167441

Worklist ID : 188702

Department : Digestion

Date : 04-03-2025 08:31:35

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1698-01	B-9	Solid	Metals ICP-TAL	Cool 4 deg C	TULL02	I41	04/02/2025	6010D
Q1698-07	B-10	Solid	Metals ICP-TAL	Cool 4 deg C	TULL02	I41	04/02/2025	6010D
Q1705-01	ETGI-327	Solid	Metals Group3	Cool 4 deg C	PSEG03	L12	04/02/2025	6010D
Q1705-02	ETGI-275	Solid	Metals Group3	Cool 4 deg C	PSEG03	L12	04/02/2025	6010D
Q1706-01	PL-01-040225	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	I31	04/02/2025	6010D
Q1706-03	PL-02-040225	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	I31	04/02/2025	6010D

Date/Time 04/03/25 8:50

Raw Sample Received by: SPS.net.dj

Raw Sample Relinquished by: SPS

Date/Time 04/03/25 8:50

Raw Sample Received by: SPS.net.dj

Raw Sample Relinquished by: SPS



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 04/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:17
Out Date: 04/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135267

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
Q1694-01	TP-18	1	1.13	10.64	11.77	10.5	88.1	
Q1694-02	TP-18-EPH	2	1.13	10.64	11.77	9.5	78.7	
Q1694-03	TP-18-VOC	3	1.15	10.40	11.55	10.11	86.2	
Q1695-01	TT-2	4	1.14	10.33	11.47	10.21	87.8	
Q1695-02	TT-2-EPH	5	1.16	10.08	11.24	9.91	86.8	
Q1695-03	TT-2-VOC	6	1.19	10.43	11.62	10.37	88.0	
Q1695-05	TT-3	7	1.14	10.49	11.63	10.72	91.3	
Q1695-06	TT-3-EPH	8	1.19	10.73	11.92	11.01	91.5	
Q1695-07	TT-3-VOC	9	1.16	10.29	11.45	10.47	90.5	
Q1698-01	B-9	10	1.14	10.39	11.53	10.8	93.0	
Q1698-03	B-9	11	1.15	10.39	11.54	10.77	92.6	
Q1698-04	B-9-TPH-2	12	1.19	10.10	11.29	10.51	92.3	
Q1698-05	B-9-TPH-3	13	1.12	10.06	11.18	10.34	91.7	
Q1698-06	B-9-TPH-4	14	1.15	10.34	11.49	10.66	92.0	
Q1698-07	B-10	15	1.14	10.59	11.73	11.03	93.4	
Q1698-09	B-10	16	1.12	10.30	11.42	10.71	93.1	
Q1698-10	B-10-TPH-2	17	1.13	10.71	11.84	11.18	93.8	
Q1698-11	B-10-TPH-3	18	1.14	10.29	11.43	10.73	93.2	
Q1698-12	B-10-TPH-4	19	1.18	10.37	11.55	10.77	92.5	
Q1699-01	34882	20	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-01	4225-A	21	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-02	4225-B	22	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-03	32825-A	23	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1701-04	32825-B	24	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1705-01	ETGI-327	25	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1705-02	ETGI-275	26	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1706-01	PL-01-040225	27	1.13	10.28	11.41	10.37	89.9	
Q1706-02	PL-01-040225-E2	28	1.14	10.39	11.53	10.46	89.7	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 04/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:17
Out Date: 04/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135267

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
Q1706-03	PL-02-040225	29	1.16	10.61	11.77	10.63	89.3	
Q1706-04	PL-02-040225-E2	30	1.13	10.37	11.5	10.32	88.6	
Q1708-01	QQ3	31	1.00	1.00	2.00	2.00	100.0	
Q1709-01	4125-A	32	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1709-02	4125-B	33	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1709-03	4125-C	34	1.00	1.00	2.00	2.00	100.0	wipe sample

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

U135267

WorkList Name : %1-040225

WorkList ID : 188677

Department : Wet-Chemistry

Date : 04-02-2025 09:33:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1708-01	QQ3	Solid	Percent Solids	Cool 4 deg C	ALLI03		04/02/2025	Chemtech -SO
Q1698-01	B-9	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-03	B-9	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-04	B-9-TPH-2	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-05	B-9-TPH-3	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-06	B-9-TPH-4	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-07	B-10	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-09	B-10	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-10	B-10-TPH-2	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-11	B-10-TPH-3	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1698-12	B-10-TPH-4	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1694-01	TP-18	Solid	Percent Solids	Cool 4 deg C	TULL02	I41	04/02/2025	Chemtech -SO
Q1694-02	TP-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/01/2025	Chemtech -SO
Q1694-03	TP-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/01/2025	Chemtech -SO
Q1695-01	TT-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/01/2025	Chemtech -SO
Q1695-02	TT-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1695-03	TT-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1709-03	4125-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1701-03	32825-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1701-04	32825-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1705-01	ETGI-327	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
					PSEG03	L12	04/02/2025	Chemtech -SO

Date/Time 64102125 15:30

Raw Sample Received by: JH (WOC)

Raw Sample Relinquished by: JD (CSM)

Date/Time 04102125 17:10

Raw Sample Received by: JH (CSM)

Raw Sample Relinquished by: JH (WOC)

WORKLIST(Hardcopy Internal Chain)

135267

WorkList Name : %1-040225

WorkList ID : 188677

Department : Wet-Chemistry

Date : 04-02-2025 09:33:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1705-02	ETGI-275	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1709-01	4125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1709-02	4125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1695-05	TT-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L12	04/02/2025	Chemtech -SO
Q1695-06	TT-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1695-07	TT-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1699-01	34882	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	04/02/2025	Chemtech -SO
Q1701-01	4225-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1701-02	4225-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1706-01	PL-01-040225	Solid	Percent Solids	Cool 4 deg C	PSEG03	I31	04/02/2025	Chemtech -SO
Q1706-02	PL-01-040225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	04/02/2025	Chemtech -SO
Q1706-03	PL-02-040225	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	04/02/2025	Chemtech -SO
Q1706-04	PL-02-040225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	04/02/2025	Chemtech -SO

Date/Time 04/02/25 15:30

Raw Sample Received by: SR

Raw Sample Relinquished by: JD (SM)

Date/Time 04/02/25 17:10

Raw Sample Received by: JDC (SM)

Raw Sample Relinquished by: JDC (SM)

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135320

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP85140,MP85141,MP85142,MP85143,MP85144,MP85145
ICV Standard	MP85146
CCV Standard	MP85148
ICSA Standard	
CRI Standard	MP85150
LCS Standard	
Chk Standard	MP85147,MP85149,MP85151,MP85155

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/07/25 13:15		mohan	OK
2	S0.2	S0.2	CAL2	04/07/25 13:17		mohan	OK
3	S2.5	S2.5	CAL3	04/07/25 13:19		mohan	OK
4	S5	S5	CAL4	04/07/25 13:22		mohan	OK
5	S7.5	S7.5	CAL5	04/07/25 13:24		mohan	OK
6	S10	S10	CAL6	04/07/25 13:26		mohan	OK
7	ICV79	ICV79	ICV	04/07/25 13:29		mohan	OK
8	ICB79	ICB79	ICB	04/07/25 13:32		mohan	OK
9	CCV39	CCV39	CCV	04/07/25 13:34		mohan	OK
10	CCB39	CCB39	CCB	04/07/25 13:36		mohan	OK
11	CRA	CRA	CRDL	04/07/25 13:39		mohan	OK
12	HighStd	HighStd	HIGH STD	04/07/25 13:41		mohan	OK
13	ChkStd	ChkStd	SAM	04/07/25 13:43		mohan	OK
14	PB167478BL	PB167478BL	MB	04/07/25 13:45		mohan	OK
15	PB167478BS	PB167478BS	LCS	04/07/25 13:48		mohan	OK
16	Q1694-01	TP-18	SAM	04/07/25 13:50		mohan	OK
17	Q1695-01	TT-2	SAM	04/07/25 13:52		mohan	OK
18	Q1695-05	TT-3	SAM	04/07/25 13:55		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB135320

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP85140,MP85141,MP85142,MP85143,MP85144,MP85145
ICV Standard	MP85146
CCV Standard	MP85148
ICSA Standard	
CRI Standard	MP85150
LCS Standard	
Chk Standard	MP85147,MP85149,MP85151,MP85155

19	Q1698-01	B-9	SAM	04/07/25 13:57		mohan	OK
20	Q1698-07	B-10	SAM	04/07/25 13:59		mohan	OK
21	CCV40	CCV40	CCV	04/07/25 14:02		mohan	OK
22	CCB40	CCB40	CCB	04/07/25 14:04		mohan	OK
23	Q1706-01	PL-01-040225	SAM	04/07/25 14:06		mohan	OK
24	Q1706-03	PL-02-040225	SAM	04/07/25 14:08		mohan	OK
25	Q1712-01	Z-05A	SAM	04/07/25 14:11		mohan	OK
26	Q1712-05	TT-7	SAM	04/07/25 14:13		mohan	OK
27	Q1721-02	AU-05-040325	SAM	04/07/25 14:21		mohan	OK
28	Q1721-02DUP	AU-05-040325DUP	DUP	04/07/25 14:23		mohan	OK
29	Q1721-02MS	AU-05-040325MS	MS	04/07/25 14:26		mohan	OK
30	Q1721-02MSD	AU-05-040325MSD	MSD	04/07/25 14:28		mohan	OK
31	Q1721-02L	AU-05-040325L	SD	04/07/25 14:30		mohan	OK
32	Q1721-02A	AU-05-040325A	PS	04/07/25 14:33		mohan	OK
33	CCV41	CCV41	CCV	04/07/25 14:35		mohan	OK
34	CCB41	CCB41	CCB	04/07/25 14:37		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135333

Review By	kareem	Review On	4/8/2025 4:31:10 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	04/07/25 10:51		Kareem	OK
2	S1	S1	CAL2	04/07/25 10:55		Kareem	OK
3	S2	S2	CAL3	04/07/25 11:00		Kareem	OK
4	S3	S3	CAL4	04/07/25 11:04		Kareem	OK
5	S4	S4	CAL5	04/07/25 11:08		Kareem	OK
6	S5	S5	CAL6	04/07/25 11:12		Kareem	OK
7	ICV01	ICV01	ICV	04/07/25 12:35		Kareem	OK
8	LLICV01	LLICV01	LLICV	04/07/25 13:00		Kareem	OK
9	ICB01	ICB01	ICB	04/07/25 13:05		Kareem	OK
10	CRI01	CRI01	CRDL	04/07/25 13:10		Kareem	OK
11	ICSA01	ICSA01	ICSA	04/07/25 13:14		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	04/07/25 13:18		Kareem	OK
13	ICSADL	ICSADL	ICSA	04/07/25 13:23		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	04/07/25 13:37		Kareem	OK
15	CCV01	CCV01	CCV	04/07/25 13:42		Kareem	OK
16	CCB01	CCB01	CCB	04/07/25 13:50		Kareem	OK
17	PB167491BL	PB167491BL	MB	04/07/25 14:03		Kareem	OK
18	PB167491BS	PB167491BS	LCS	04/07/25 14:19	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135333

Review By	kareem	Review On	4/8/2025 4:31:10 PM
Supervise By		Supervise On	

STD. NAME	STD REF.#
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022
ICV Standard	MP85023
CCV Standard	MP85026
ICSA Standard	MP85024,MP85025
CRI Standard	MP85022
LCS Standard	
Chk Standard	MP85030,MP85031

19	PB167471BL	PB167471BL	MB	04/07/25 14:23		Kareem	OK
20	PB167471BS	PB167471BS	LCS	04/07/25 14:34	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
21	Q1504-05	PT-MIN2-WP	SAM	04/07/25 14:38		Kareem	OK
22	Q1504-01	PT-TM1-WP	SAM	04/07/25 14:42		Kareem	OK
23	Q1504-03	PT-SNTI-WP	SAM	04/07/25 14:46		Kareem	OK
24	Q1698-01	B-9	SAM	04/07/25 14:51		Kareem	OK
25	Q1698-07	B-10	SAM	04/07/25 14:55		Kareem	OK
26	Q1698-07DUP	B-10DUP	DUP	04/07/25 14:59		Kareem	OK
27	CCV02	CCV02	CCV	04/07/25 15:07		Kareem	OK
28	CCB02	CCB02	CCB	04/07/25 15:12		Kareem	OK
29	Q1698-07L	B-10L	SD	04/07/25 15:16		Kareem	OK
30	Q1698-07MS	B-10MS	MS	04/07/25 15:20	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
31	Q1698-07MSD	B-10MSD	MSD	04/07/25 15:24	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
32	Q1698-07A	B-10A	PS	04/07/25 15:28	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
33	Q1705-01	ETGI-327	SAM	04/07/25 15:32		Kareem	OK
34	Q1705-02	ETGI-275	SAM	04/07/25 15:37		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135333

Review By	kareem	Review On	4/8/2025 4:31:10 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

35	CCV03	CCV03	CCV	04/07/25 15:41		Kareem	OK
36	CCB03	CCB03	CCB	04/07/25 15:45		Kareem	OK
37	Q1706-01	PL-01-040225	SAM	04/07/25 15:50		Kareem	OK
38	CCV04	CCV04	CCV	04/07/25 17:00		Kareem	OK
39	CCB04	CCB04	CCB	04/07/25 17:04		Kareem	OK
40	Q1706-03	PL-02-040225	SAM	04/07/25 17:09		Kareem	OK
41	Q1604-05	FRAC-TANK-N45878	SAM	04/07/25 17:13		Kareem	OK
42	PB167441BL	PB167441BL	MB	04/07/25 17:17		Kareem	OK
43	Q1712-01	Z-05A	SAM	04/07/25 17:31		Kareem	OK
44	Q1712-05	TT-7	SAM	04/07/25 17:35		Kareem	OK
45	Q1721-02	AU-05-040325	SAM	04/07/25 17:39		Kareem	OK
46	CCV05	CCV05	CCV	04/07/25 17:43		Kareem	OK
47	CCB05	CCB05	CCB	04/07/25 17:47		Kareem	OK
48	Q1721-02DUP	AU-05-040325DUP	DUP	04/07/25 17:52		Kareem	OK
49	Q1721-02L	AU-05-040325L	SD	04/07/25 17:56		Kareem	OK
50	Q1721-02MS	AU-05-040325MS	MS	04/07/25 18:00	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
51	Q1721-02MSD	AU-05-040325MSD	MSD	04/07/25 18:04	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
52	Q1721-02A	AU-05-040325A	PS	04/07/25 18:08		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB135333

Review By	kareem	Review On	4/8/2025 4:31:10 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP85016,MP85017,MP85018,MP85019,MP85020,MP85022		
ICV Standard	MP85023		
CCV Standard	MP85026		
ICSA Standard	MP85024,MP85025		
CRI Standard	MP85022		
LCS Standard			
Chk Standard	MP85030,MP85031		

53	PB167441BS	PB167441BS	LCS	04/07/25 18:12	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
54	PB167466BL	PB167466BL	MB	04/07/25 18:16		Kareem	OK
55	PB167466BS	PB167466BS	LCS	04/07/25 18:27	0.1 ML OF M6013 AND M6004 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
56	LR1	LR1	HIGH STD	04/07/25 18:41		Kareem	OK
57	LR2	LR2	HIGH STD	04/07/25 18:46		Kareem	OK
58	CCV06	CCV06	CCV	04/07/25 18:51		Kareem	OK
59	CCB06	CCB06	CCB	04/07/25 18:55		Kareem	OK



SHIPPING DOCUMENTS



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

ALLIANCE PROJECT NO.

QUOTE NO.

COC Number

2045926

Q1698

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Tully Construction Co. Inc

ADDRESS: Rockway Freeway & Beach Channel

CITY: Queens STATE: NY ZIP: 11666

ATTENTION: Dean Devoe

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME:

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

BILL TO:

PO#:

ADDRESS:

CITY

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*

HARDCOPY (DATA PACKAGE): DAYS*

EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data

☐ Other

☐ EDD FORMAT

1: Vol's 2: SWA 3: PCB 4: TAP Extraction 5: Corrosivity 6: Ignitability 7: Reactivity Cyn 8: Mercury Sulfate 9: Metals TPH

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E/F	E	E	E	E	E	E	E	E	
1.	B-9	SOL	X		040225	0810	8		X	X	X	X	X	X	X	X	
2.	B-9			X		0815	4	X									0.0 ppm
3.	B-9-TPH-2		X			0817	1									X	
4.	B-9-TPH-3		X			0819	1									X	
5.	B-9-TPH-4		X			0822	1									X	
6.	B-10		X			0835	8		X	X	X	X	X	X	X	X	
7.	B-10			X		0839	4	X									0.0 ppm
8.	B-10-TPH-2		X			0842	1									X	
9.	B-10-TPH-3		X			0845	1									X	
10.	B-10-TPH-4		X			0848	1									X	

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

RELINQUISHED BY SAMPLER:	DATE/TIME: 0930	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 2.2 °C
1.	04-02-25	1.	Comments: Collected (2) 8:1 Composite sample + (4) 5:1 Composite samples for sampling protocol TPH.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME: 1200	RECEIVED BY:	PIO Calibration 04-02-25
3.	04-02-25	3.	CLIENT: ☐ Hand Delivered ☐ Other
			Shipment Complete ☒ YES ☐ NO

Page 1 of 1

04-02-25



Legend

 Boring Location

 Approximate Property Boundary

0 95 190 380 570 Feet

MATRIX **NEW** **WORLD**
Engineering Progress

Matrix New World Engineering, Land Surveying
and Landscape Architecture, P.C.
333 West 39th Street, Suite 202
New York, New York 10018
WBE / DBE / SBE
STATE OF NEW YORK CERTIFICATE OF AUTHORIZATION No. 17-082661

Tel: 973-240-1800

Fax: 973-240-1818

www.matrixnewworld.com

AS DRILLED BORING LOCATION MAP

SUBSTATION 117
ROCKAWAY FREEWAY & BEACH CHANNEL DRIVE
BLOCK 16186, LOT 100
ROCKAWAY PARK, QUEENS, NEW YORK

JUNE 2019

FIGURE 4

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: _____ Chemtech Order ID: _____
Service Order #: _____ Sampler Name: Jeremy M
Work Order #: _____ Client Project Coordinator & Phone: Dean Devoe
Labor WBS #: _____ Page #: 1 of 1
Facility/Site: Substation 117 Date: 04-02-25
Site Address: Lockway freeway & Arrive Time: 0800
Beach Channel Dr, Queens NY Depart Time: 0930

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: N/A Dimensions/CY: N/A

Temp (range): 2-2 °C PID Readings (range): 0.0 PPM Odor: Y ☒ Color: Y ☒ N

Sample Description: Dark Brown Soil, Sand, Gravel.

Field Observations: (2) location (B-9 & B10)

Grid/Area Composite Map:

QA Control # A3041134

See

Attached

MAP *

Sampler Signature: pm

Supervisor Review/Date: _____

Client Signature: _____

Date/Time Arrived at Lab: _____

Laboratory Certification

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1698	TULL02	Order Date : 4/2/2025 12:14:00 PM	Project Mgr :
Client Name : Tully Construction Co., Inc.		Project Name : MTA Rockaway Park	Report Type : Level 1
Client Contact : Dean Devoe		Receive DateTime : 4/2/2025 12:00:00 PM	EDD Type : Excel NY 375
Invoice Name : Tully Construction Co., Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Dean Devoe			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1698-03	B-9	Solid	04/02/2025	08:15					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
Q1698-09	B-10	Solid	04/02/2025	08:39					
					VOC-TCLVOA-10		8260D	5 Bus. Days	

Relinquished By :

21

Date / Time :

04-02-25 1330

Received By :

Date / Time :

pl
04.02.25 13:30

Storage Area : VOA Refridgerator Room