

Cover Page

Order ID : Q1447

Project ID : Nelson

Client : G Environmental

Lab Sample Number

Q1447-01

Q1447-02

Client Sample Number

WC1

WC1

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: 3/1/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1447

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 03/01/2025

LAB CHRONICLE

OrderID: Q1447	OrderDate: 2/26/2025 2:32:53 PM
Client: G Environmental	Project: Nelson
Contact: Gary Landis	Location: H31,H33,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1447-01	WC1	SOIL			02/23/25			02/26/25
			Mercury	7471B		02/27/25	02/27/25	
			Metals ICP-TAL	6010D		02/27/25	03/05/25	
Q1447-02	WC1	TCLP			02/23/25			02/26/25
			TCLP ICP Metals	6010D		02/27/25	03/03/25	
			TCLP Mercury	7470A		02/28/25	02/28/25	

Hit Summary Sheet SW-846

SDG No.: Q1447
Client: G Environmental

Order ID: Q1447
Project ID: Nelson

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q1447-01	WC1	SOIL	Aluminum	3200		2.32	4.81	mg/Kg
Q1447-01	WC1	SOIL	Arsenic	1.34		0.28	0.96	mg/Kg
Q1447-01	WC1	SOIL	Barium	43.6		0.62	4.81	mg/Kg
Q1447-01	WC1	SOIL	Beryllium	0.35		0.012	0.29	mg/Kg
Q1447-01	WC1	SOIL	Calcium	1070		2.69	96.2	mg/Kg
Q1447-01	WC1	SOIL	Chromium	7.05		0.052	0.48	mg/Kg
Q1447-01	WC1	SOIL	Cobalt	3.94		0.056	1.44	mg/Kg
Q1447-01	WC1	SOIL	Copper	20.3		0.45	0.96	mg/Kg
Q1447-01	WC1	SOIL	Iron	10100		2.59	4.81	mg/Kg
Q1447-01	WC1	SOIL	Lead	64.0		0.14	0.58	mg/Kg
Q1447-01	WC1	SOIL	Magnesium	1370		3.30	96.2	mg/Kg
Q1447-01	WC1	SOIL	Manganese	256		0.068	0.96	mg/Kg
Q1447-01	WC1	SOIL	Nickel	7.49		0.087	1.92	mg/Kg
Q1447-01	WC1	SOIL	Potassium	387		27.6	96.2	mg/Kg
Q1447-01	WC1	SOIL	Sodium	48.4	J	34.7	96.2	mg/Kg
Q1447-01	WC1	SOIL	Thallium	0.53	J	0.42	1.92	mg/Kg
Q1447-01	WC1	SOIL	Vanadium	9.00		0.26	1.92	mg/Kg
Q1447-01	WC1	SOIL	Zinc	30.9		0.11	1.92	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1	SDG No.:	Q1447
Lab Sample ID:	Q1447-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	3200		1	2.32	4.81	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-36-0	Antimony	0.14	UN	1	0.14	2.41	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-38-2	Arsenic	1.34		1	0.28	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-39-3	Barium	43.6		1	0.62	4.81	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-41-7	Beryllium	0.35		1	0.012	0.29	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-43-9	Cadmium	0.015	U	1	0.015	0.29	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-70-2	Calcium	1070	*	1	2.69	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-47-3	Chromium	7.05		1	0.052	0.48	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-48-4	Cobalt	3.94		1	0.056	1.44	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-50-8	Copper	20.3		1	0.45	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-89-6	Iron	10100	*	1	2.59	4.81	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-92-1	Lead	64.0	N*	1	0.14	0.58	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-95-4	Magnesium	1370		1	3.30	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-96-5	Manganese	256	*	1	0.068	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7439-97-6	Mercury	0.0060	U	1	0.0060	0.014	mg/Kg	02/27/25 08:54	02/27/25 10:37	SW7471B	
7440-02-0	Nickel	7.49	*	1	0.087	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-09-7	Potassium	387		1	27.6	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7782-49-2	Selenium	0.32	U	1	0.32	0.96	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-22-4	Silver	0.050	U	1	0.050	0.48	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-23-5	Sodium	48.4	J	1	34.7	96.2	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-28-0	Thallium	0.53	J	1	0.42	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-62-2	Vanadium	9.00		1	0.26	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	SW6010	SW3050
7440-66-6	Zinc	30.9	N*	1	0.11	1.92	mg/Kg	02/27/25 10:05	03/05/25 11:21	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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
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
ICV20	Mercury	3.87	4.0	97	90 - 110	CV	02/27/2025	09:49	LB134824

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
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
CCV29	Mercury	5.16	5.0	103	90 - 110	CV	02/27/2025	09:57	LB134824
CCV30	Mercury	5.12	5.0	102	90 - 110	CV	02/27/2025	10:29	LB134824
CCV31	Mercury	5.13	5.0	103	90 - 110	CV	02/27/2025	10:50	LB134824



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Client:	<u>G Environmental</u>	SDG No.:	<u>Q1447</u>				
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1447</u>	SAS No.:	<u>Q1447</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
ICV01	Aluminum	2560	2500	102	90 - 110	P	03/05/2025	10:43	LB134904
	Antimony	1020	1000	102	90 - 110	P	03/05/2025	10:43	LB134904
	Arsenic	1040	1000	104	90 - 110	P	03/05/2025	10:43	LB134904
	Barium	493	520	95	90 - 110	P	03/05/2025	10:43	LB134904
	Beryllium	513	510	101	90 - 110	P	03/05/2025	10:43	LB134904
	Cadmium	508	510	100	90 - 110	P	03/05/2025	10:43	LB134904
	Calcium	9960	10000	100	90 - 110	P	03/05/2025	10:43	LB134904
	Chromium	534	520	103	90 - 110	P	03/05/2025	10:43	LB134904
	Cobalt	516	520	99	90 - 110	P	03/05/2025	10:43	LB134904
	Copper	534	510	105	90 - 110	P	03/05/2025	10:43	LB134904
	Iron	9820	10000	98	90 - 110	P	03/05/2025	10:43	LB134904
	Lead	1020	1000	102	90 - 110	P	03/05/2025	10:43	LB134904
	Magnesium	5970	6000	100	90 - 110	P	03/05/2025	10:43	LB134904
	Manganese	509	520	98	90 - 110	P	03/05/2025	10:43	LB134904
	Nickel	519	530	98	90 - 110	P	03/05/2025	10:43	LB134904
	Potassium	9490	9900	96	90 - 110	P	03/05/2025	10:43	LB134904
	Selenium	1040	1000	104	90 - 110	P	03/05/2025	10:43	LB134904
	Silver	258	250	103	90 - 110	P	03/05/2025	10:43	LB134904
	Sodium	9130	10000	91	90 - 110	P	03/05/2025	10:43	LB134904
	Thallium	1060	1000	106	90 - 110	P	03/05/2025	10:43	LB134904
Vanadium	491	500	98	90 - 110	P	03/05/2025	10:43	LB134904	
Zinc	1030	1000	103	90 - 110	P	03/05/2025	10:43	LB134904	

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental SDG No.: Q1447
Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447
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	101	100	101	80 - 120	P	03/05/2025	10:51	LB134904
	Antimony	52.3	50.0	105	80 - 120	P	03/05/2025	10:51	LB134904
	Arsenic	19.0	20.0	95	80 - 120	P	03/05/2025	10:51	LB134904
	Barium	92.3	100	92	80 - 120	P	03/05/2025	10:51	LB134904
	Beryllium	5.85	6.0	98	80 - 120	P	03/05/2025	10:51	LB134904
	Cadmium	5.96	6.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Calcium	1970	2000	99	80 - 120	P	03/05/2025	10:51	LB134904
	Chromium	10.7	10.0	107	80 - 120	P	03/05/2025	10:51	LB134904
	Cobalt	29.6	30.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Copper	22.8	20.0	114	80 - 120	P	03/05/2025	10:51	LB134904
	Iron	96.3	100	96	80 - 120	P	03/05/2025	10:51	LB134904
	Lead	11.9	12.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Magnesium	2100	2000	105	80 - 120	P	03/05/2025	10:51	LB134904
	Manganese	20.1	20.0	100	80 - 120	P	03/05/2025	10:51	LB134904
	Nickel	39.6	40.0	99	80 - 120	P	03/05/2025	10:51	LB134904
	Potassium	1970	2000	98	80 - 120	P	03/05/2025	10:51	LB134904
	Selenium	20.8	20.0	104	80 - 120	P	03/05/2025	10:51	LB134904
	Silver	10.7	10.0	107	80 - 120	P	03/05/2025	10:51	LB134904
	Sodium	1860	2000	93	80 - 120	P	03/05/2025	10:51	LB134904
	Thallium	41.0	40.0	102	80 - 120	P	03/05/2025	10:51	LB134904
	Vanadium	40.2	40.0	100	80 - 120	P	03/05/2025	10:51	LB134904
	Zinc	43.4	40.0	108	80 - 120	P	03/05/2025	10:51	LB134904

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447

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	10000	10000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Antimony	5120	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Arsenic	5100	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Barium	9750	10000	98	90 - 110	P	03/05/2025	11:13	LB134904
	Beryllium	245	250	98	90 - 110	P	03/05/2025	11:13	LB134904
	Cadmium	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Calcium	24200	25000	97	90 - 110	P	03/05/2025	11:13	LB134904
	Chromium	1030	1000	104	90 - 110	P	03/05/2025	11:13	LB134904
	Cobalt	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Copper	1270	1250	102	90 - 110	P	03/05/2025	11:13	LB134904
	Iron	5060	5000	101	90 - 110	P	03/05/2025	11:13	LB134904
	Lead	5000	5000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Magnesium	24200	25000	97	90 - 110	P	03/05/2025	11:13	LB134904
	Manganese	2390	2500	96	90 - 110	P	03/05/2025	11:13	LB134904
	Nickel	2480	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Potassium	25600	25000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Selenium	5150	5000	103	90 - 110	P	03/05/2025	11:13	LB134904
	Silver	1280	1250	102	90 - 110	P	03/05/2025	11:13	LB134904
	Sodium	24900	25000	100	90 - 110	P	03/05/2025	11:13	LB134904
	Thallium	5090	5000	102	90 - 110	P	03/05/2025	11:13	LB134904
	Vanadium	2460	2500	99	90 - 110	P	03/05/2025	11:13	LB134904
	Zinc	2590	2500	104	90 - 110	P	03/05/2025	11:13	LB134904
CCV02	Aluminum	10200	10000	102	90 - 110	P	03/05/2025	11:55	LB134904
	Antimony	5220	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Arsenic	5190	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Barium	9730	10000	97	90 - 110	P	03/05/2025	11:55	LB134904
	Beryllium	246	250	98	90 - 110	P	03/05/2025	11:55	LB134904
	Cadmium	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Calcium	24500	25000	98	90 - 110	P	03/05/2025	11:55	LB134904
	Chromium	1040	1000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Cobalt	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Copper	1300	1250	104	90 - 110	P	03/05/2025	11:55	LB134904
	Iron	5100	5000	102	90 - 110	P	03/05/2025	11:55	LB134904
	Lead	5050	5000	101	90 - 110	P	03/05/2025	11:55	LB134904

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1447

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447

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	24400	25000	98	90 - 110	P	03/05/2025	11:55	LB134904
	Manganese	2410	2500	96	90 - 110	P	03/05/2025	11:55	LB134904
	Nickel	2500	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Potassium	26100	25000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Selenium	5210	5000	104	90 - 110	P	03/05/2025	11:55	LB134904
	Silver	1300	1250	104	90 - 110	P	03/05/2025	11:55	LB134904
	Sodium	25300	25000	101	90 - 110	P	03/05/2025	11:55	LB134904
	Thallium	4930	5000	99	90 - 110	P	03/05/2025	11:55	LB134904
	Vanadium	2490	2500	100	90 - 110	P	03/05/2025	11:55	LB134904
	Zinc	2610	2500	104	90 - 110	P	03/05/2025	11:55	LB134904
CCV03	Aluminum	10100	10000	101	90 - 110	P	03/05/2025	12:45	LB134904
	Antimony	5080	5000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Arsenic	5020	5000	100	90 - 110	P	03/05/2025	12:45	LB134904
	Barium	10000	10000	100	90 - 110	P	03/05/2025	12:45	LB134904
	Beryllium	244	250	98	90 - 110	P	03/05/2025	12:45	LB134904
	Cadmium	2450	2500	98	90 - 110	P	03/05/2025	12:45	LB134904
	Calcium	24400	25000	98	90 - 110	P	03/05/2025	12:45	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Cobalt	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Copper	1270	1250	101	90 - 110	P	03/05/2025	12:45	LB134904
	Iron	4960	5000	99	90 - 110	P	03/05/2025	12:45	LB134904
	Lead	4940	5000	99	90 - 110	P	03/05/2025	12:45	LB134904
	Magnesium	24000	25000	96	90 - 110	P	03/05/2025	12:45	LB134904
	Manganese	2390	2500	96	90 - 110	P	03/05/2025	12:45	LB134904
	Nickel	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Potassium	26000	25000	104	90 - 110	P	03/05/2025	12:45	LB134904
	Selenium	5040	5000	101	90 - 110	P	03/05/2025	12:45	LB134904
	Silver	1280	1250	102	90 - 110	P	03/05/2025	12:45	LB134904
	Sodium	25600	25000	102	90 - 110	P	03/05/2025	12:45	LB134904
	Thallium	4790	5000	96	90 - 110	P	03/05/2025	12:45	LB134904
	Vanadium	2470	2500	99	90 - 110	P	03/05/2025	12:45	LB134904
	Zinc	2560	2500	102	90 - 110	P	03/05/2025	12:45	LB134904
CCV04	Aluminum	10000	10000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Antimony	5000	5000	100	90 - 110	P	03/05/2025	14:07	LB134904



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Client:	<u>G Environmental</u>	SDG No.:	<u>Q1447</u>				
Contract:	<u>GENV01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1447</u>	SAS No.:	<u>Q1447</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
CCV04	Arsenic	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Barium	10200	10000	102	90 - 110	P	03/05/2025	14:07	LB134904
	Beryllium	247	250	99	90 - 110	P	03/05/2025	14:07	LB134904
	Cadmium	2490	2500	100	90 - 110	P	03/05/2025	14:07	LB134904
	Calcium	24500	25000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Chromium	1020	1000	102	90 - 110	P	03/05/2025	14:07	LB134904
	Cobalt	2510	2500	100	90 - 110	P	03/05/2025	14:07	LB134904
	Copper	1260	1250	101	90 - 110	P	03/05/2025	14:07	LB134904
	Iron	4900	5000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Lead	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Magnesium	24400	25000	98	90 - 110	P	03/05/2025	14:07	LB134904
	Manganese	2370	2500	95	90 - 110	P	03/05/2025	14:07	LB134904
	Nickel	2520	2500	101	90 - 110	P	03/05/2025	14:07	LB134904
	Potassium	25700	25000	103	90 - 110	P	03/05/2025	14:07	LB134904
	Selenium	4980	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Silver	1270	1250	102	90 - 110	P	03/05/2025	14:07	LB134904
	Sodium	25300	25000	101	90 - 110	P	03/05/2025	14:07	LB134904
	Thallium	5020	5000	100	90 - 110	P	03/05/2025	14:07	LB134904
	Vanadium	2470	2500	99	90 - 110	P	03/05/2025	14:07	LB134904
	Zinc	2570	2500	103	90 - 110	P	03/05/2025	14:07	LB134904



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

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CRDL STANDARD FOR AA & ICP

Client: G Environmental SDG No.: Q1447
Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.18	0.2	91	40 - 160	CV	02/27/2025	10:04	LB134824
CRI01	Aluminum	102	100	102	40 - 160	P	03/05/2025	11:00	LB134904
	Antimony	51.7	50.0	103	40 - 160	P	03/05/2025	11:00	LB134904
	Arsenic	20.2	20.0	101	40 - 160	P	03/05/2025	11:00	LB134904
	Barium	91.8	100	92	40 - 160	P	03/05/2025	11:00	LB134904
	Beryllium	5.92	6.0	99	40 - 160	P	03/05/2025	11:00	LB134904
	Cadmium	5.85	6.0	98	40 - 160	P	03/05/2025	11:00	LB134904
	Calcium	1970	2000	98	40 - 160	P	03/05/2025	11:00	LB134904
	Chromium	10.5	10.0	105	40 - 160	P	03/05/2025	11:00	LB134904
	Cobalt	29.4	30.0	98	40 - 160	P	03/05/2025	11:00	LB134904
	Copper	22.5	20.0	112	40 - 160	P	03/05/2025	11:00	LB134904
	Iron	93.2	100	93	40 - 160	P	03/05/2025	11:00	LB134904
	Lead	12.3	12.0	103	40 - 160	P	03/05/2025	11:00	LB134904
	Magnesium	2080	2000	104	40 - 160	P	03/05/2025	11:00	LB134904
	Manganese	19.8	20.0	99	40 - 160	P	03/05/2025	11:00	LB134904
	Nickel	39.1	40.0	98	40 - 160	P	03/05/2025	11:00	LB134904
	Potassium	1920	2000	96	40 - 160	P	03/05/2025	11:00	LB134904
	Selenium	18.9	20.0	95	40 - 160	P	03/05/2025	11:00	LB134904
	Silver	10.5	10.0	105	40 - 160	P	03/05/2025	11:00	LB134904
	Sodium	1830	2000	92	40 - 160	P	03/05/2025	11:00	LB134904
	Thallium	41.3	40.0	103	40 - 160	P	03/05/2025	11:00	LB134904
	Vanadium	40.1	40.0	100	40 - 160	P	03/05/2025	11:00	LB134904
	Zinc	42.9	40.0	107	40 - 160	P	03/05/2025	11:00	LB134904



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	G Environmental				SDG No.:	Q1447				
Contract:	GENV01	Lab Code:	CHEM		Case No.:	Q1447	SAS No.:	Q1447		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number	
ICB20	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	09:54	LB134824	

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB29	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	10:02	LB134824
CCB30	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	10:34	LB134824
CCB31	Mercury	0.20	+/-0.20	U	0.20	CV	02/27/2025	10:55	LB134824

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1447</u>							
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1447</u>	SAS No.: <u>Q1447</u>						
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	03/05/2025	10:56	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	10:56	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	10:56	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	10:56	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	10:56	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	10:56	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	10:56	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	10:56	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	10:56	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	10:56	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	10:56	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	10:56	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	10:56	LB134904

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental SDG No.: Q1447
Contract: GENV01 Lab Code: CHEM Case No.: Q1447 SAS No.: Q1447

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	03/05/2025	11:17	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	11:17	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	11:17	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:17	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:17	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	11:17	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	11:17	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	11:17	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	11:17	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	11:17	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	11:17	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	11:17	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	11:17	LB134904
CCB02	Aluminum	100	+/-100	U	100	P	03/05/2025	11:59	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	11:59	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	11:59	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:59	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	11:59	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	11:59	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	11:59	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	11:59	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	11:59	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	11:59	LB134904

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental		SDG No.: Q1447							
Contract: GENV01	Lab Code: CHEM	Case No.: Q1447	SAS No.: Q1447						
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	03/05/2025	11:59	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	11:59	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	11:59	LB134904
CCB03	Aluminum	100	+/-100	U	100	P	03/05/2025	12:49	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	12:49	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	12:49	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	12:49	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	12:49	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	12:49	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	12:49	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	12:49	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	12:49	LB134904
	Magnesium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	12:49	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	12:49	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	12:49	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	12:49	LB134904
CCB04	Aluminum	100	+/-100	U	100	P	03/05/2025	14:11	LB134904
	Antimony	50.0	+/-50.0	U	50.0	P	03/05/2025	14:11	LB134904
	Arsenic	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Barium	100	+/-100	U	100	P	03/05/2025	14:11	LB134904
	Beryllium	6.00	+/-6.00	U	6.00	P	03/05/2025	14:11	LB134904
	Cadmium	6.00	+/-6.00	U	6.00	P	03/05/2025	14:11	LB134904
	Calcium	2000	+/-2000	U	2000	P	03/05/2025	14:11	LB134904
	Chromium	10.0	+/-10.0	U	10.0	P	03/05/2025	14:11	LB134904
	Cobalt	30.0	+/-30.0	U	30.0	P	03/05/2025	14:11	LB134904
	Copper	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Iron	100	+/-100	U	100	P	03/05/2025	14:11	LB134904
	Lead	12.0	+/-12.0	U	12.0	P	03/05/2025	14:11	LB134904

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>G Environmental</u>		SDG No.: <u>Q1447</u>							
Contract: <u>GENV01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>Q1447</u>	SAS No.: <u>Q1447</u>						
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	03/05/2025	14:11	LB134904
	Manganese	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Nickel	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904
	Potassium	2000	+/-2000	U	2000	P	03/05/2025	14:11	LB134904
	Selenium	20.0	+/-20.0	U	20.0	P	03/05/2025	14:11	LB134904
	Silver	10.0	+/-10.0	U	10.0	P	03/05/2025	14:11	LB134904
	Sodium	2000	+/-2000	U	2000	P	03/05/2025	14:11	LB134904
	Thallium	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904
	Vanadium	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904
	Zinc	40.0	+/-40.0	U	40.0	P	03/05/2025	14:11	LB134904

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1447

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB166888BL		SOLID		Batch Number:	PB166888		Prep Date:	02/27/2025	
	Mercury	0.013	<0.013	U	0.013	CV	02/27/2025	10:13	LB134824

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q1447

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB166898BL	SOLID			Batch Number:	PB166898		Prep Date:	02/27/2025	
	Aluminum	4.93	<4.93	U	4.93	P	03/05/2025	13:29	LB134904
	Antimony	2.46	<2.46	U	2.46	P	03/05/2025	13:29	LB134904
	Arsenic	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Barium	4.93	<4.93	U	4.93	P	03/05/2025	13:29	LB134904
	Beryllium	0.30	<0.30	U	0.30	P	03/05/2025	13:29	LB134904
	Cadmium	0.30	<0.30	U	0.30	P	03/05/2025	13:29	LB134904
	Calcium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Chromium	0.49	<0.49	U	0.49	P	03/05/2025	13:29	LB134904
	Cobalt	1.48	<1.48	U	1.48	P	03/05/2025	13:29	LB134904
	Copper	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Iron	4.93	<4.93	U	4.93	P	03/05/2025	13:29	LB134904
	Lead	0.59	<0.59	U	0.59	P	03/05/2025	13:29	LB134904
	Magnesium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Manganese	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Nickel	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904
	Potassium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Selenium	0.99	<0.99	U	0.99	P	03/05/2025	13:29	LB134904
	Silver	0.49	<0.49	U	0.49	P	03/05/2025	13:29	LB134904
	Sodium	98.5	<98.5	U	98.5	P	03/05/2025	13:29	LB134904
	Thallium	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904
	Vanadium	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904
	Zinc	1.97	<1.97	U	1.97	P	03/05/2025	13:29	LB134904

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
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	251000	255000	98	216000	294000	03/05/2025	11:04	LB134904
	Antimony	-2.46			-50	50	03/05/2025	11:04	LB134904
	Arsenic	4.69			-20	20	03/05/2025	11:04	LB134904
	Barium	3.05	6.0	51	-94	106	03/05/2025	11:04	LB134904
	Beryllium	1.20			-6	6	03/05/2025	11:04	LB134904
	Cadmium	-3.85	1.0	385	-5	7	03/05/2025	11:04	LB134904
	Calcium	235000	245000	96	208000	282000	03/05/2025	11:04	LB134904
	Chromium	60.3	52.0	116	42	62	03/05/2025	11:04	LB134904
	Cobalt	2.15			-30	30	03/05/2025	11:04	LB134904
	Copper	14.9	2.0	745	-18	22	03/05/2025	11:04	LB134904
	Iron	104000	101000	103	85600	116500	03/05/2025	11:04	LB134904
	Lead	3.18			-12	12	03/05/2025	11:04	LB134904
	Magnesium	255000	255000	100	216000	294000	03/05/2025	11:04	LB134904
	Manganese	2.43	7.0	35	-13	27	03/05/2025	11:04	LB134904
	Nickel	1.88	2.0	94	-38	42	03/05/2025	11:04	LB134904
	Potassium	-63.2			0	0	03/05/2025	11:04	LB134904
	Selenium	-15.4			-20	20	03/05/2025	11:04	LB134904
	Silver	-1.85			-10	10	03/05/2025	11:04	LB134904
	Sodium	-2.98			0	0	03/05/2025	11:04	LB134904
	Thallium	7.88			-40	40	03/05/2025	11:04	LB134904
	Vanadium	3.34			-40	40	03/05/2025	11:04	LB134904
	Zinc	3.82			-40	40	03/05/2025	11:04	LB134904
ICSAB01	Aluminum	251000	247000	102	209000	285000	03/05/2025	11:09	LB134904
	Antimony	623	618	101	525	711	03/05/2025	11:09	LB134904
	Arsenic	115	104	111	88.4	120	03/05/2025	11:09	LB134904
	Barium	478	537	89	437	637	03/05/2025	11:09	LB134904
	Beryllium	483	495	98	420	570	03/05/2025	11:09	LB134904
	Cadmium	1000	972	103	826	1120	03/05/2025	11:09	LB134904
	Calcium	232000	235000	99	199000	271000	03/05/2025	11:09	LB134904
	Chromium	583	542	108	460	624	03/05/2025	11:09	LB134904
	Cobalt	510	476	107	404	548	03/05/2025	11:09	LB134904
	Copper	517	511	101	434	588	03/05/2025	11:09	LB134904
	Iron	103000	99300	104	84400	114500	03/05/2025	11:09	LB134904
	Lead	54.9	49.0	112	37	61	03/05/2025	11:09	LB134904
	Magnesium	250000	248000	101	210000	286000	03/05/2025	11:09	LB134904
	Manganese	464	507	92	430	584	03/05/2025	11:09	LB134904
	Nickel	1010	954	106	810	1100	03/05/2025	11:09	LB134904
	Potassium	-64.1			0	0	03/05/2025	11:09	LB134904
	Selenium	32.0	46.0	70	26	66	03/05/2025	11:09	LB134904
	Silver	224	201	111	170	232	03/05/2025	11:09	LB134904
	Sodium	8.35			0	0	03/05/2025	11:09	LB134904
	Thallium	107	108	99	68	148	03/05/2025	11:09	LB134904

Metals

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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
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	471	491	96	417	565	03/05/2025	11:09	LB134904
	Zinc	1090	952	114	809	1095	03/05/2025	11:09	LB134904



METAL QC DATA

metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1447
contract: GENV01 **lab code:** CHEM **case no.:** Q1447 **sas no.:** Q1447
matrix: Solid **sample id:** Q1447-01 **client id:** WC1MS
Percent Solids for Sample: 92.4 **Spiked ID:** Q1447-01MS **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4320		3200		97.1	1148		P
Antimony	mg/Kg	75 - 125	19.3		2.41	U	38.8	50	N	P
Arsenic	mg/Kg	75 - 125	37.5		1.34		38.8	93		P
Barium	mg/Kg	75 - 125	59.8		43.6		9.7	167		P
Beryllium	mg/Kg	75 - 125	8.23		0.35		9.7	81		P
Cadmium	mg/Kg	75 - 125	8.94		0.29	U	9.7	92		P
Calcium	mg/Kg	75 - 125	618		1070		48.5	-922		P
Chromium	mg/Kg	75 - 125	26.0		7.05		19.4	97		P
Cobalt	mg/Kg	75 - 125	14.9		3.94		9.7	112		P
Copper	mg/Kg	75 - 125	36.7		20.3		14.6	113		P
Iron	mg/Kg	75 - 125	12800		10100		150	1807		P
Lead	mg/Kg	75 - 125	113		64.0		48.5	102		P
Magnesium	mg/Kg	75 - 125	1750		1370		97.1	387		P
Manganese	mg/Kg	75 - 125	390		256		9.7	1382		P
Mercury	mg/Kg	80 - 120	0.25		0.014	U	0.27	91		CV
Nickel	mg/Kg	75 - 125	36.0		7.49		24.3	117		P
Potassium	mg/Kg	75 - 125	939		387		490	113		P
Selenium	mg/Kg	75 - 125	79.2		0.96	U	97.1	82		P
Silver	mg/Kg	75 - 125	3.57		0.48	U	3.6	99		P
Sodium	mg/Kg	75 - 125	190		48.4	J	150	95		P
Thallium	mg/Kg	75 - 125	90.6		0.53	J	97.1	93		P
Vanadium	mg/Kg	75 - 125	21.8		9.00		14.6	87		P
Zinc	mg/Kg	75 - 125	64.6		30.9		9.7	347	N	P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1447
contract: GENV01 **lab code:** CHEM **case no.:** Q1447 **sas no.:** Q1447
matrix: Solid **sample id:** Q1447-01 **client id:** WC1MSD
Percent Solids for Sample: 92.4 **Spiked ID:** Q1447-01MSD **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	4090		3200		92.1	962		P
Antimony	mg/Kg	75 - 125	17.5		2.41	U	36.8	48	N	P
Arsenic	mg/Kg	75 - 125	34.6		1.34		36.8	90		P
Barium	mg/Kg	75 - 125	56.3		43.6		9.2	138		P
Beryllium	mg/Kg	75 - 125	7.85		0.35		9.2	82		P
Cadmium	mg/Kg	75 - 125	8.78		0.29	U	9.2	95		P
Calcium	mg/Kg	75 - 125	1020		1070		46.1	-96		P
Chromium	mg/Kg	75 - 125	24.6		7.05		18.4	95		P
Cobalt	mg/Kg	75 - 125	14.0		3.94		9.2	109		P
Copper	mg/Kg	75 - 125	34.8		20.3		13.8	106		P
Iron	mg/Kg	75 - 125	10300		10100		140	150		P
Lead	mg/Kg	75 - 125	87.5		64.0		46.1	51	N	P
Magnesium	mg/Kg	75 - 125	1660		1370		92.1	310		P
Manganese	mg/Kg	75 - 125	315		256		9.2	640		P
Mercury	mg/Kg	80 - 120	0.25		0.014	U	0.27	93		CV
Nickel	mg/Kg	75 - 125	32.2		7.49		23.0	108		P
Potassium	mg/Kg	75 - 125	879		387		460	107		P
Selenium	mg/Kg	75 - 125	73.1		0.96	U	92.1	79		P
Silver	mg/Kg	75 - 125	3.05		0.48	U	3.5	87		P
Sodium	mg/Kg	75 - 125	178		48.4	J	140	93		P
Thallium	mg/Kg	75 - 125	86.2		0.53	J	92.1	93		P
Vanadium	mg/Kg	75 - 125	20.7		9.00		13.8	85		P
Zinc	mg/Kg	75 - 125	38.1		30.9		9.2	78		P

Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Matrix: Solid **Level:** LOW **Client ID:** WC1A
Sample ID: Q1447-01 **Spiked ID:** Q1447-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	17.8		2.41	U	38.5	46		P
Lead	mg/Kg	75 - 125	98.9		64.0		48.1	72		P
Zinc	mg/Kg	75 - 125	40.7		30.9		9.60	102		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Matrix: Solid **Sample ID:** Q1447-01 **Client ID:** WC1DUP
Percent Solids for Sample: 92.4 **Duplicate ID** Q1447-01DUP **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	3200		3680		14		P
Antimony	mg/Kg	20	2.41	U	2.47	U			P
Arsenic	mg/Kg	20	1.34		1.84		31		P
Barium	mg/Kg	20	43.6		45.8		5		P
Beryllium	mg/Kg	20	0.35		0.40		15		P
Cadmium	mg/Kg	20	0.29	U	0.30	U			P
Calcium	mg/Kg	20	1070		571		61	*	P
Chromium	mg/Kg	20	7.05		8.20		15		P
Cobalt	mg/Kg	20	3.94		4.69		17		P
Copper	mg/Kg	20	20.3		22.3		9		P
Iron	mg/Kg	20	10100		16500		48	*	P
Lead	mg/Kg	20	64.0		64.3		0		P
Magnesium	mg/Kg	20	1370		1540		12		P
Manganese	mg/Kg	20	256		301		16		P
Mercury	mg/Kg	20	0.014	U	0.0060	J	200.0		CV
Nickel	mg/Kg	20	7.49		9.30		22	*	P
Potassium	mg/Kg	20	387		466		19		P
Selenium	mg/Kg	20	0.96	U	0.99	U			P
Silver	mg/Kg	20	0.48	U	0.25	J	200.0		P
Sodium	mg/Kg	20	48.4	J	61.8	J	24		P
Thallium	mg/Kg	20	0.53	J	0.89	J	51		P
Vanadium	mg/Kg	20	9.00		10.6		16		P
Zinc	mg/Kg	20	30.9		56.9		59	*	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447
Matrix: Solid **Sample ID:** Q1447-01MS **Client ID:** WC1MSD
Percent Solids for Sample: 92.4 **Duplicate ID** Q1447-01MSD **Percent Solids for Spike Sample:** 92.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4320		4090		5		P
Antimony	mg/Kg	20	19.3		17.5		10		P
Arsenic	mg/Kg	20	37.5		34.6		8		P
Barium	mg/Kg	20	59.8		56.3		6		P
Beryllium	mg/Kg	20	8.23		7.85		5		P
Cadmium	mg/Kg	20	8.94		8.78		2		P
Calcium	mg/Kg	20	618		1020		49	*	P
Chromium	mg/Kg	20	26.0		24.6		6		P
Cobalt	mg/Kg	20	14.9		14.0		6		P
Copper	mg/Kg	20	36.7		34.8		5		P
Iron	mg/Kg	20	12800		10300		22	*	P
Lead	mg/Kg	20	113		87.5		25	*	P
Magnesium	mg/Kg	20	1750		1660		5		P
Manganese	mg/Kg	20	390		315		21	*	P
Mercury	mg/Kg	20	0.25		0.25		2		CV
Nickel	mg/Kg	20	36.0		32.2		11		P
Potassium	mg/Kg	20	939		879		7		P
Selenium	mg/Kg	20	79.2		73.1		8		P
Silver	mg/Kg	20	3.57		3.05		16		P
Sodium	mg/Kg	20	190		178		7		P
Thallium	mg/Kg	20	90.6		86.2		5		P
Vanadium	mg/Kg	20	21.8		20.7		5		P
Zinc	mg/Kg	20	64.6		38.1		52	*	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166888BS Mercury	mg/Kg	0.25	0.23		92	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1447 **SAS No.:** Q1447

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166898BS							
Aluminum	mg/Kg	98.0	93.0		95	80 - 120	P
Antimony	mg/Kg	39.2	36.9		94	80 - 120	P
Arsenic	mg/Kg	39.2	38.8		99	80 - 120	P
Barium	mg/Kg	9.8	8.97		92	80 - 120	P
Beryllium	mg/Kg	9.8	9.39		96	80 - 120	P
Cadmium	mg/Kg	9.8	9.23		94	80 - 120	P
Calcium	mg/Kg	49.0	46.5	J	95	80 - 120	P
Chromium	mg/Kg	19.6	19.7		100	80 - 120	P
Cobalt	mg/Kg	9.8	9.40		96	80 - 120	P
Copper	mg/Kg	14.7	15.1		103	80 - 120	P
Iron	mg/Kg	150	141		94	80 - 120	P
Lead	mg/Kg	49.0	46.7		95	80 - 120	P
Magnesium	mg/Kg	98.0	90.9	J	93	80 - 120	P
Manganese	mg/Kg	9.8	9.08		93	80 - 120	P
Nickel	mg/Kg	24.5	23.7		97	80 - 120	P
Potassium	mg/Kg	490	478		98	80 - 120	P
Selenium	mg/Kg	98.0	95.5		97	80 - 120	P
Silver	mg/Kg	3.7	3.72		100	80 - 120	P
Sodium	mg/Kg	150	137		91	80 - 120	P
Thallium	mg/Kg	98.0	95.5		97	80 - 120	P
Vanadium	mg/Kg	14.7	13.9		95	80 - 120	P
Zinc	mg/Kg	9.8	10.0		102	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WC1L

Lab Name: Chemtech Consulting Group

Contract: GENV01

Lab Code: CHEM Lb No.: lb134904 Lab Sample ID : Q1447-01L SDG No.: Q1447

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	3200		3530		10		P
Antimony	2.41	U	12.0	U			P
Arsenic	1.34		4.81	U	100.0		P
Barium	43.6		45.8		5		P
Beryllium	0.35		0.41	J	17		P
Cadmium	0.29	U	1.44	U			P
Calcium	1070		737		31		P
Chromium	7.05		8.05		14		P
Cobalt	3.94		3.90	J	1		P
Copper	20.3		23.1		14		P
Iron	10100		12700		26		P
Lead	64.0		81.0		27		P
Magnesium	1370		1500		9		P
Manganese	256		328		28		P
Mercury	0.014	U	0.068	U			CV
Nickel	7.49		8.38	J	12		P
Potassium	387		426	J	10		P
Selenium	0.96	U	4.81	U			P
Silver	0.48	U	2.41	U			P
Sodium	48.4	J	481	U	100.0		P
Thallium	0.53	J	9.62	U	100.0		P
Vanadium	9.00		9.72		8		P
Zinc	30.9		54.9		78		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

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: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

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: G Environmental

SDG No.: Q1447

Contract: GENV01

Lab Code: CHEM

Case No.: Q1447

SAS No.: Q1447

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: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Method:**
Case No.: Q1447 **SAS No.:** Q1447

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166888							
PB166888BL	PB166888BL	MB	SOLID	02/27/2025	0.52	35.0	100.00
PB166888BS	PB166888BS	LCS	SOLID	02/27/2025	0.57	35.0	100.00
Q1447-01	WC1	SAM	SOLID	02/27/2025	0.56	35.0	92.40
Q1447-01DUP	WC1DUP	DUP	SOLID	02/27/2025	0.55	35.0	92.40
Q1447-01MS	WC1MS	MS	SOLID	02/27/2025	0.57	35.0	92.40
Q1447-01MSD	WC1MSD	MSD	SOLID	02/27/2025	0.56	35.0	92.40

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1447
Contract: GENV01 **Lab Code:** CHEM **Method:**
Case No.: Q1447 **SAS No.:** Q1447

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB166898							
PB166898BL	PB166898BL	MB	SOLID	02/27/2025	2.03	100.0	100.00
PB166898BS	PB166898BS	LCS	SOLID	02/27/2025	2.04	100.0	100.00
Q1447-01	WC1	SAM	SOLID	02/27/2025	2.25	100.0	92.40
Q1447-01DUP	WC1DUP	DUP	SOLID	02/27/2025	2.19	100.0	92.40
Q1447-01MS	WC1MS	MS	SOLID	02/27/2025	2.23	100.0	92.40
Q1447-01MSD	WC1MSD	MSD	SOLID	02/27/2025	2.35	100.0	92.40

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1447 **Sas no.:** Q1447 **Sdg no.:** Q1447

Instrument id number: **Method:** **Run number:** LB134824

Start date: 02/27/2025 **End date:** 02/27/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0930	HG
S0.2	S0.2	1	0932	HG
S2.5	S2.5	1	0937	HG
S5	S5	1	0939	HG
S7.5	S7.5	1	0942	HG
S10	S10	1	0944	HG
ICV20	ICV20	1	0949	HG
ICB20	ICB20	1	0954	HG
CCV29	CCV29	1	0957	HG
CCB29	CCB29	1	1002	HG
CRA	CRA	1	1004	HG
PB166888BL	PB166888BL	1	1013	HG
PB166888BS	PB166888BS	1	1016	HG
CCV30	CCV30	1	1029	HG
CCB30	CCB30	1	1034	HG
Q1447-01	WC1	1	1037	HG
Q1447-01DUP	WC1DUP	1	1039	HG
Q1447-01MS	WC1MS	1	1041	HG
Q1447-01MSD	WC1MSD	1	1043	HG
Q1447-01L	WC1L	5	1046	HG
CCV31	CCV31	1	1050	HG
CCB31	CCB31	1	1055	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1447 **Sas no.:** Q1447 **Sdg no.:** Q1447

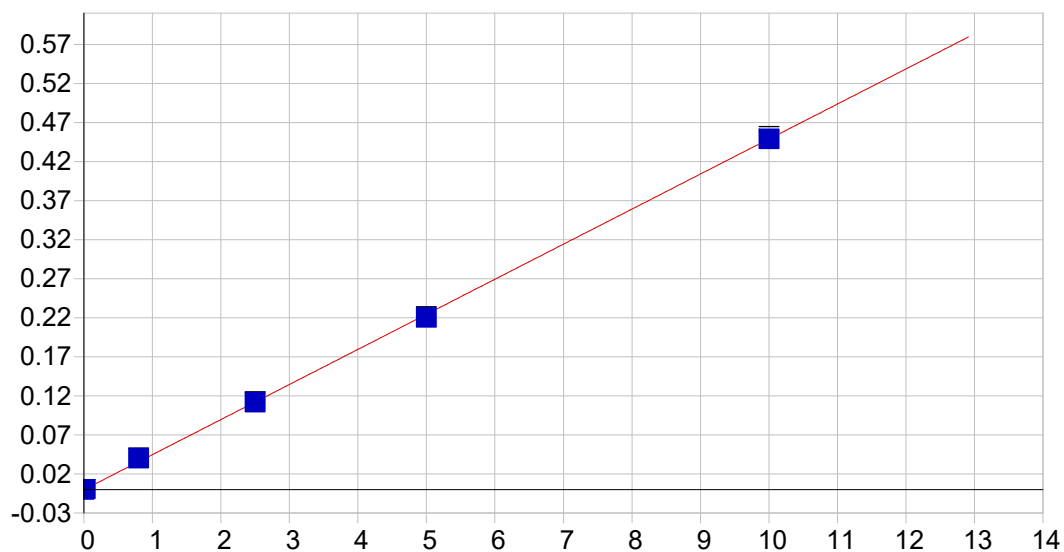
Instrument id number: **Method:** **Run number:** LB134904

Start date: 03/05/2025 **End date:** 03/05/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1017	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	1022	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	1026	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	1030	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	1034	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	1039	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	1043	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	1051	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	1056	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	1100	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	1104	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	1109	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	1113	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	1117	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01	WC1	1	1121	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	1155	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	1159	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01DUP	WC1DUP	1	1225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01L	WC1L	5	1229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01MS	WC1MS	1	1233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01MSD	WC1MSD	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1447-01A	WC1A	1	1241	Pb,Sb,Zn
CCV03	CCV03	1	1245	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	1249	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166898BL	PB166898BL	1	1329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166898BS	PB166898BS	1	1403	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	1407	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	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL RAW DATA

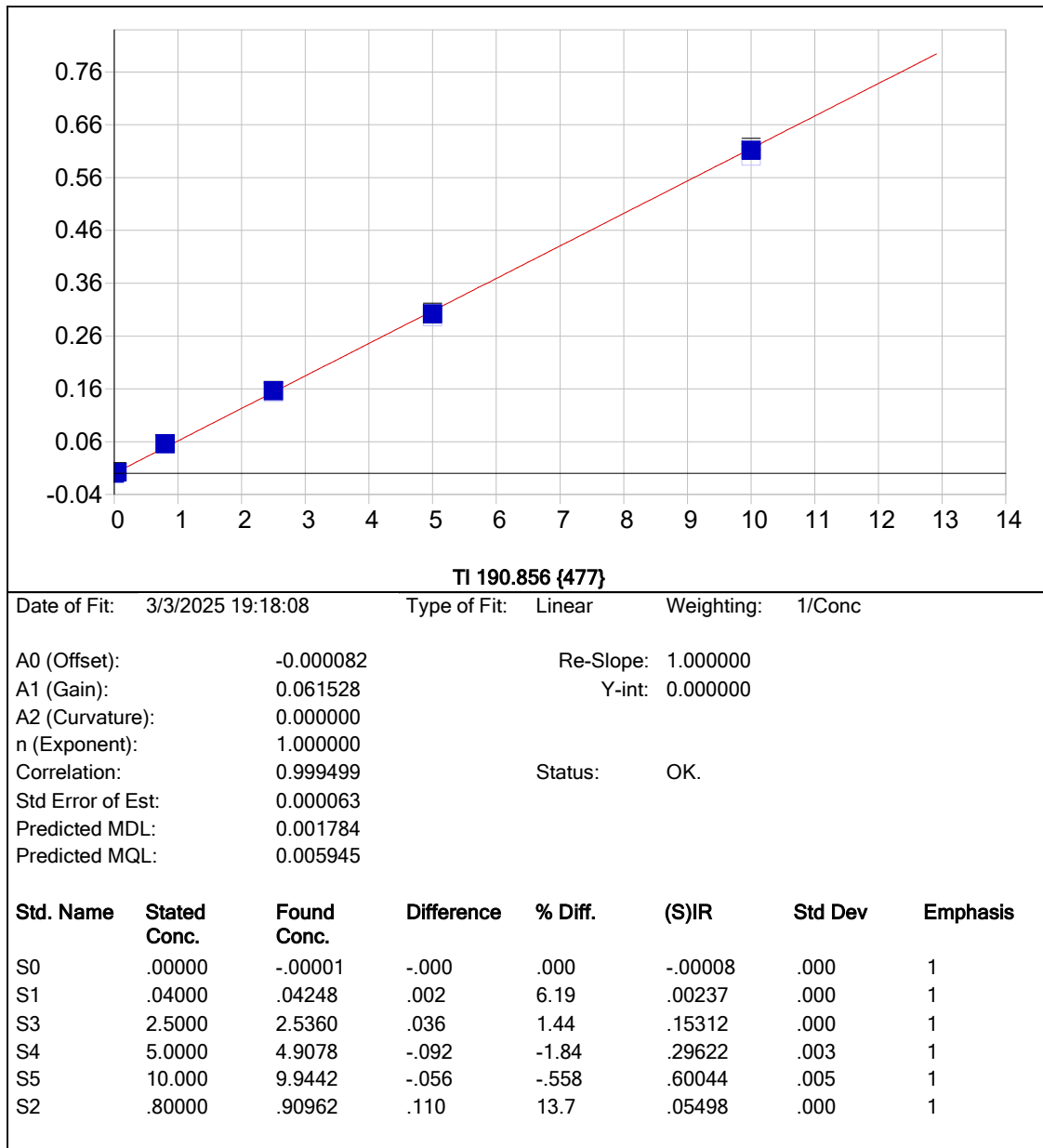


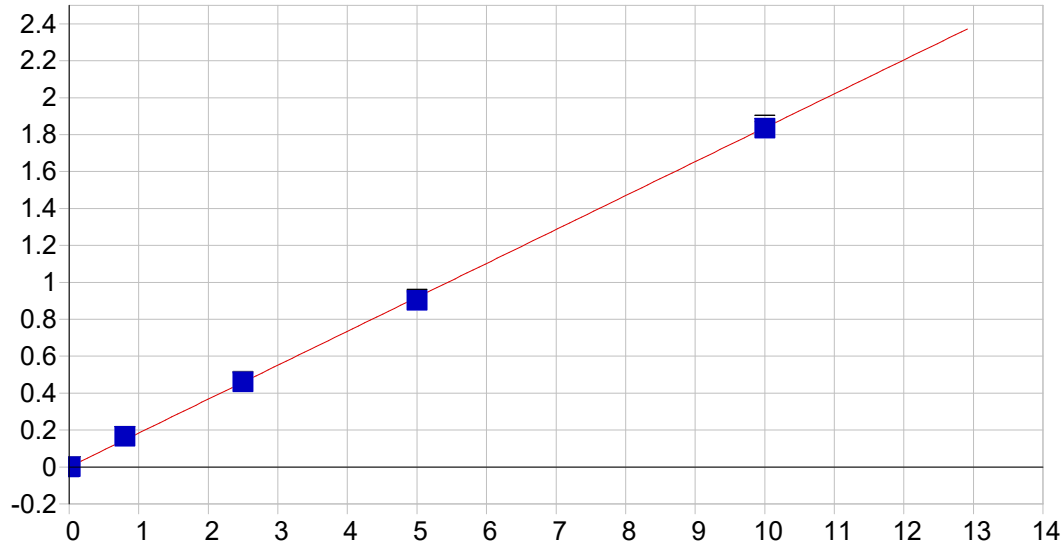
As 189.042 {479}

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000116 Re-Slope: 1.000000
A1 (Gain): 0.044895 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999634 Status: OK.
Std Error of Est: 0.000028
Predicted MDL: 0.002688
Predicted MQL: 0.008959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02112	.001	5.59	.00083	.000	1
S3	2.5000	2.4921	-.008	-.317	.11164	.001	1
S4	5.0000	4.9065	-.094	-1.87	.21992	.001	1
S5	10.000	10.004	.004	.042	.44854	.003	1
S2	.80000	.89614	.096	12.0	.04008	.000	1



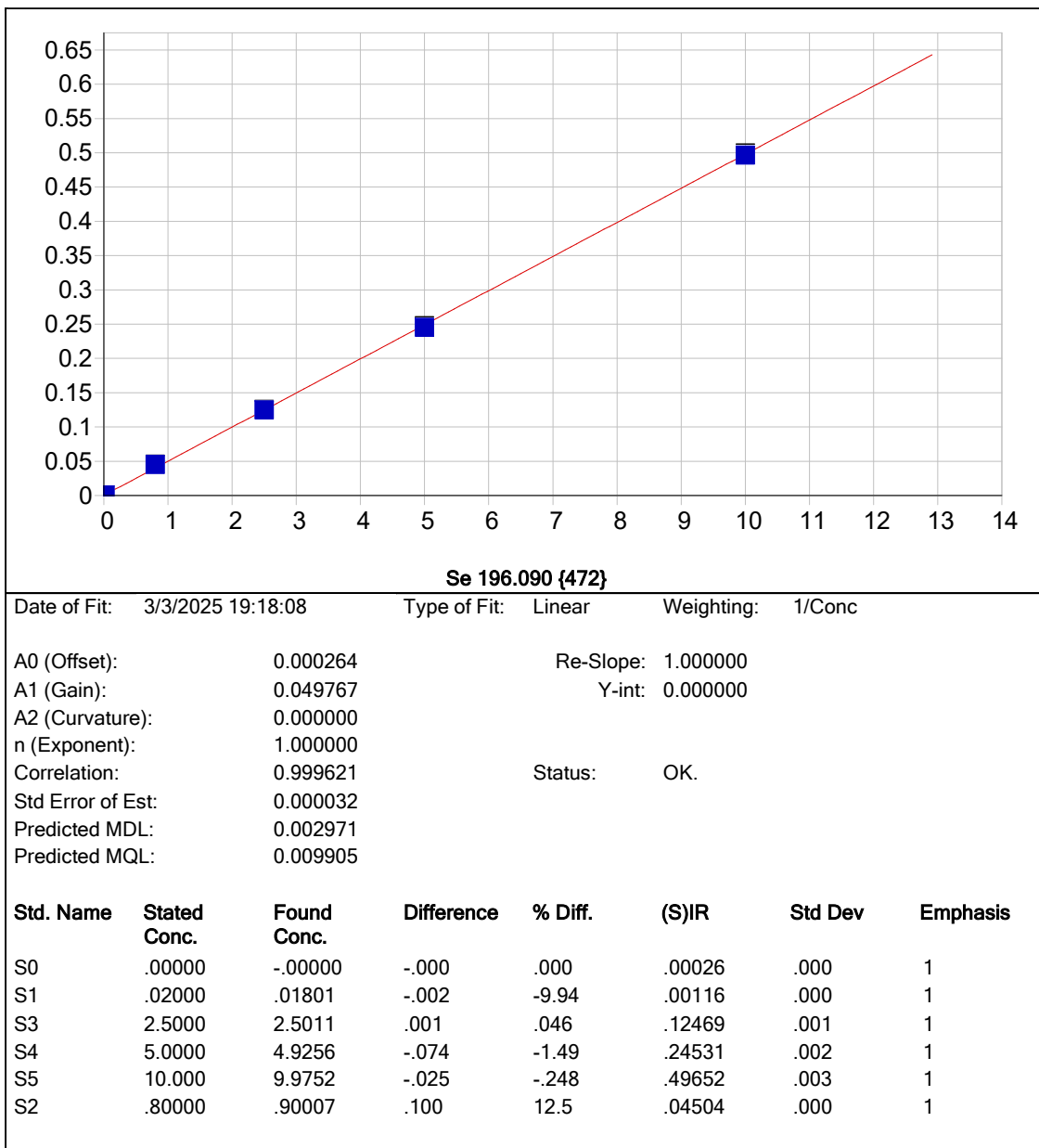


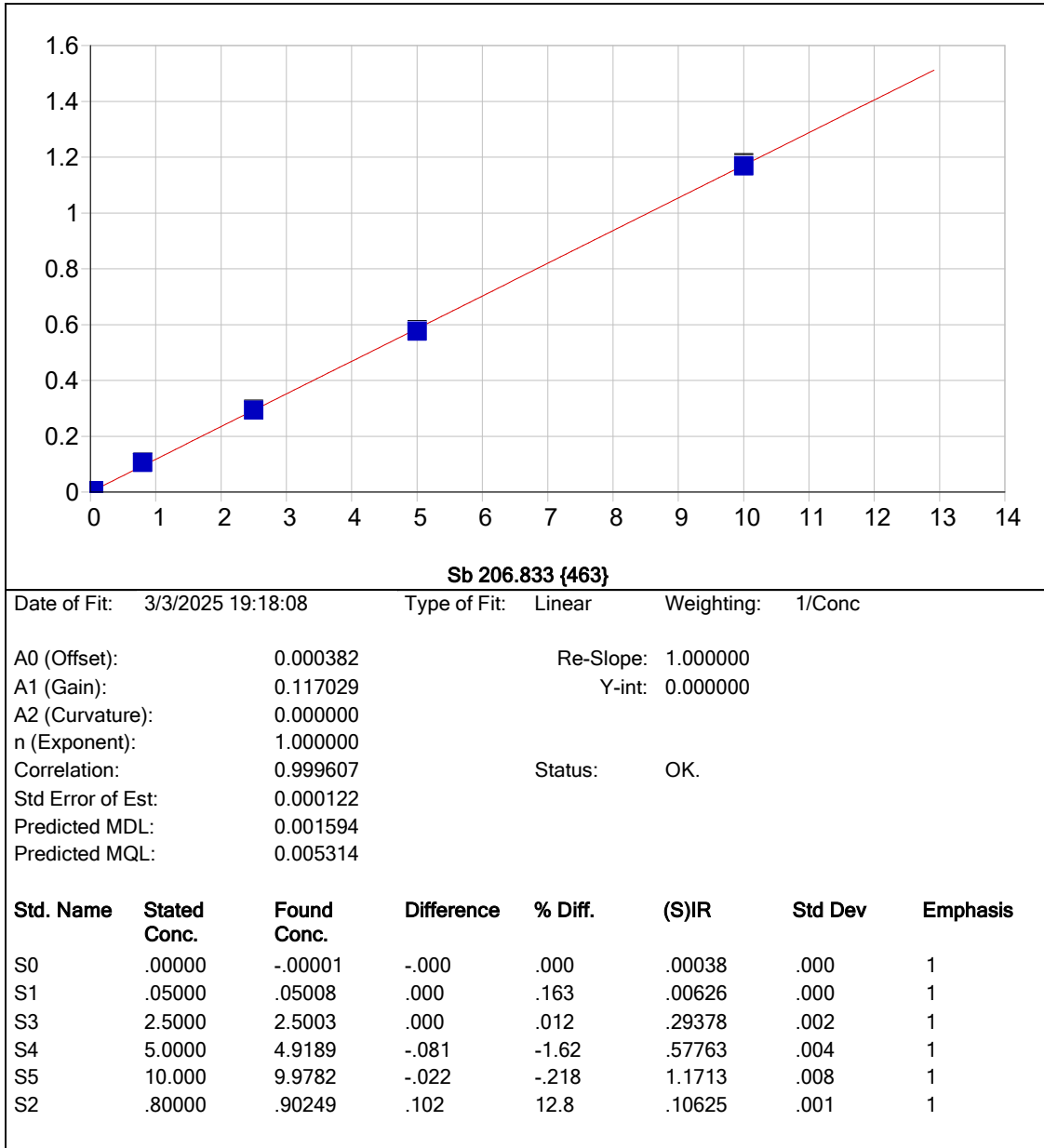
Pb 220.353 {453}

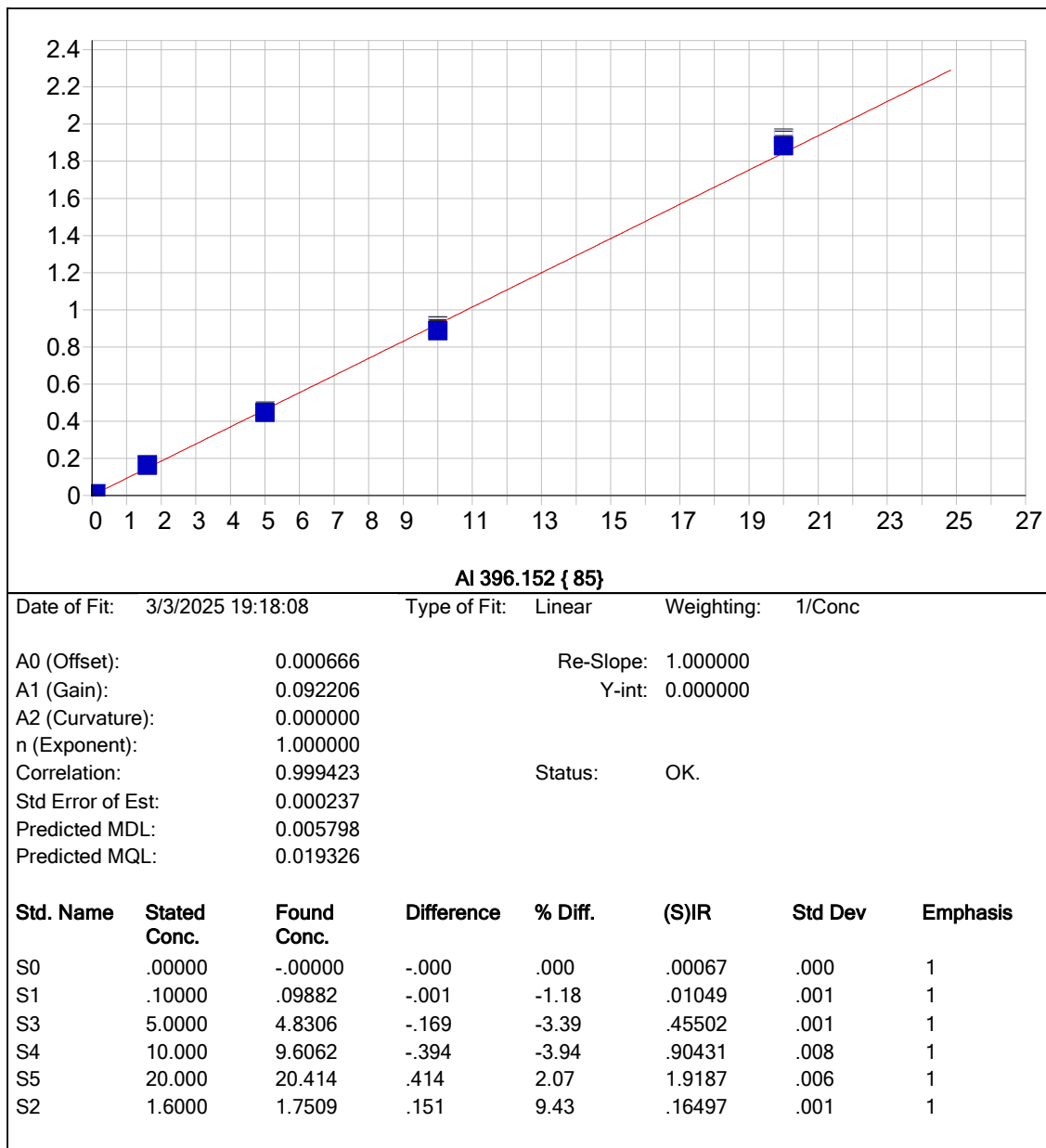
Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

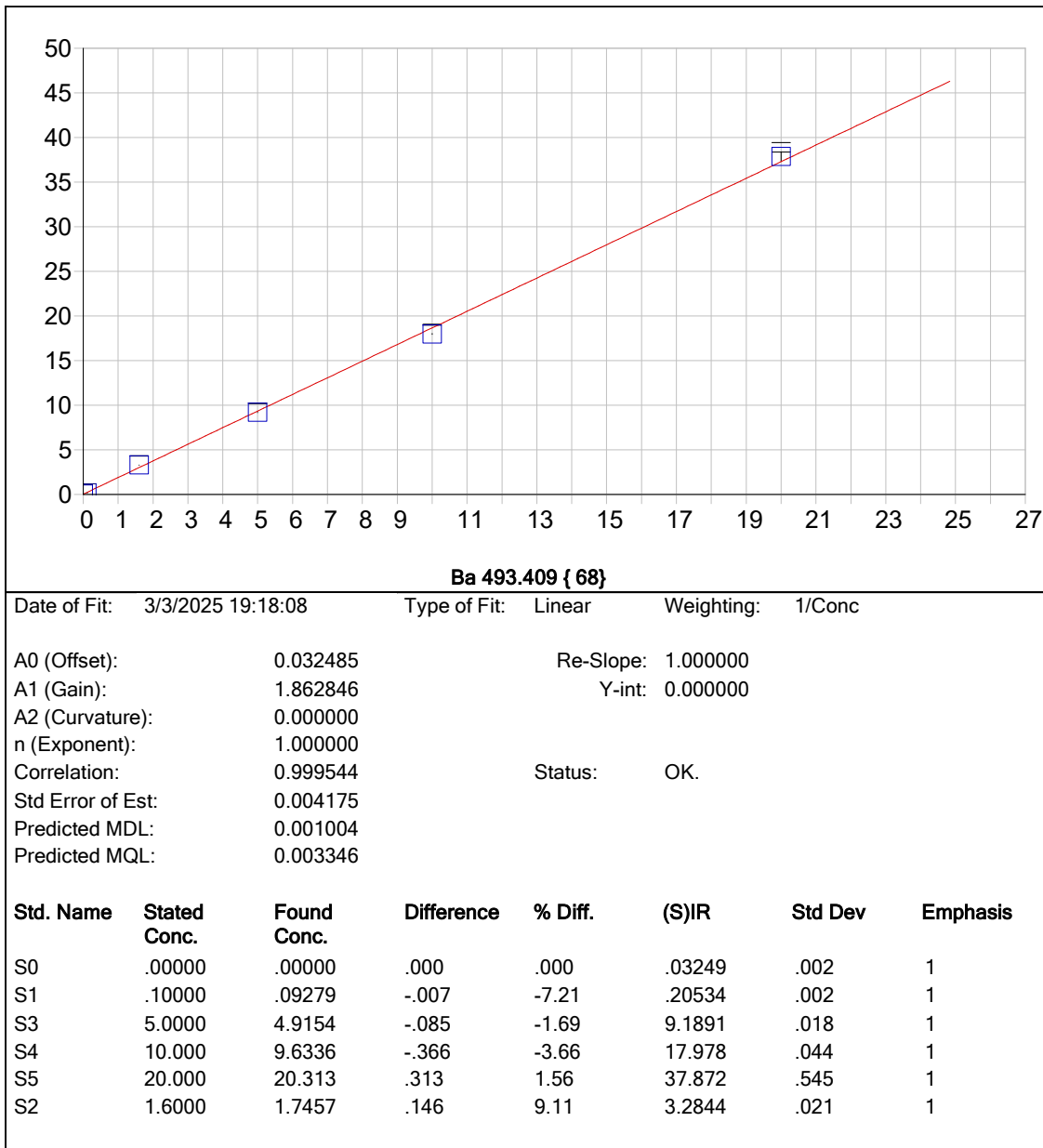
A0 (Offset): 0.000020 Re-Slope: 1.000000
A1 (Gain): 0.183697 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999606 Status: OK.
Std Error of Est: 0.000094
Predicted MDL: 0.001475
Predicted MQL: 0.004917

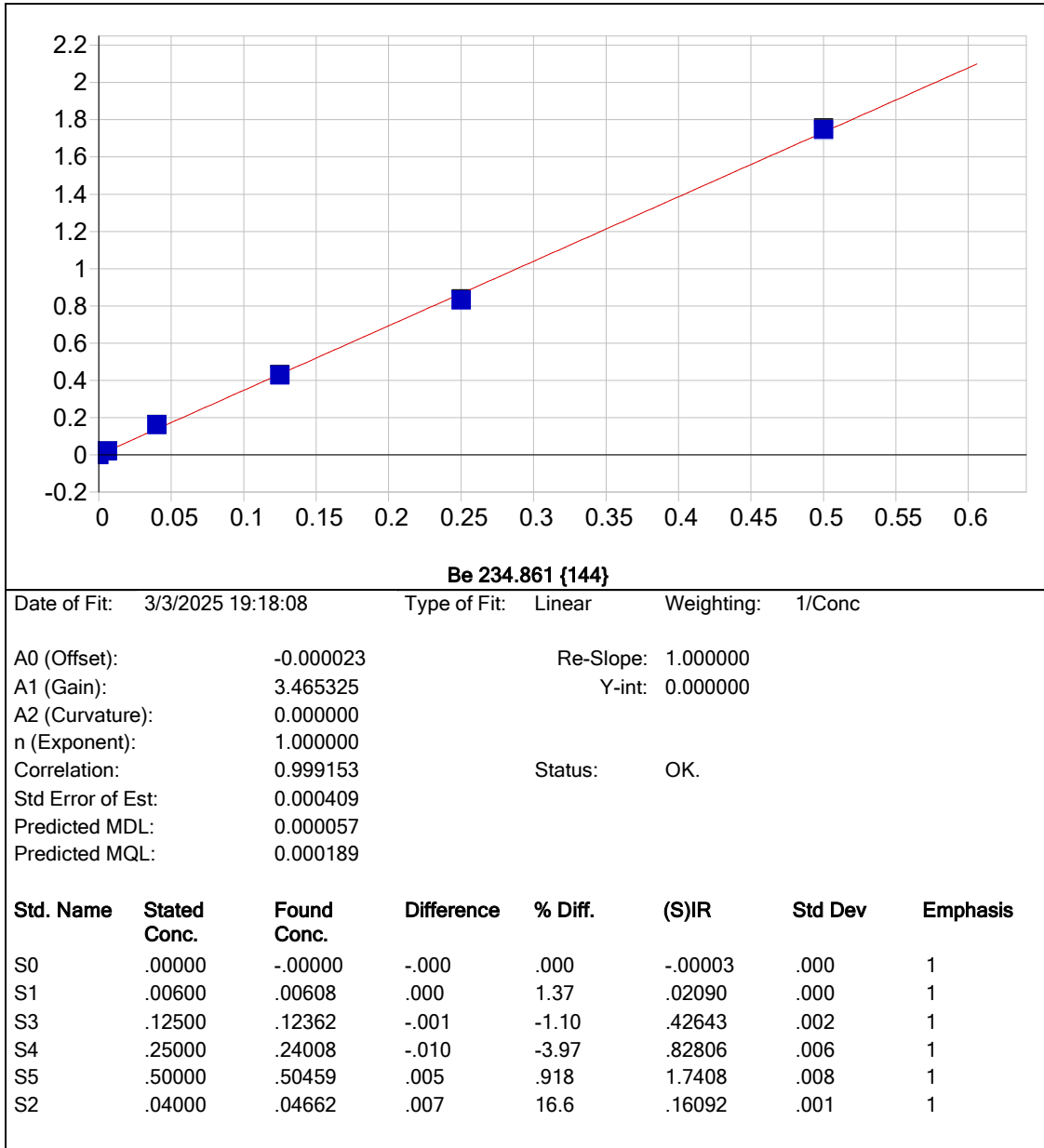
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01200	.01018	-.002	-15.2	.00185	.000	1
S3	2.5000	2.5036	.004	.142	.45941	.004	1
S4	5.0000	4.9093	-.091	-1.81	.90083	.007	1
S5	10.000	9.9890	-.011	-.110	1.8330	.017	1
S2	.80000	.89993	.100	12.5	.16517	.001	1

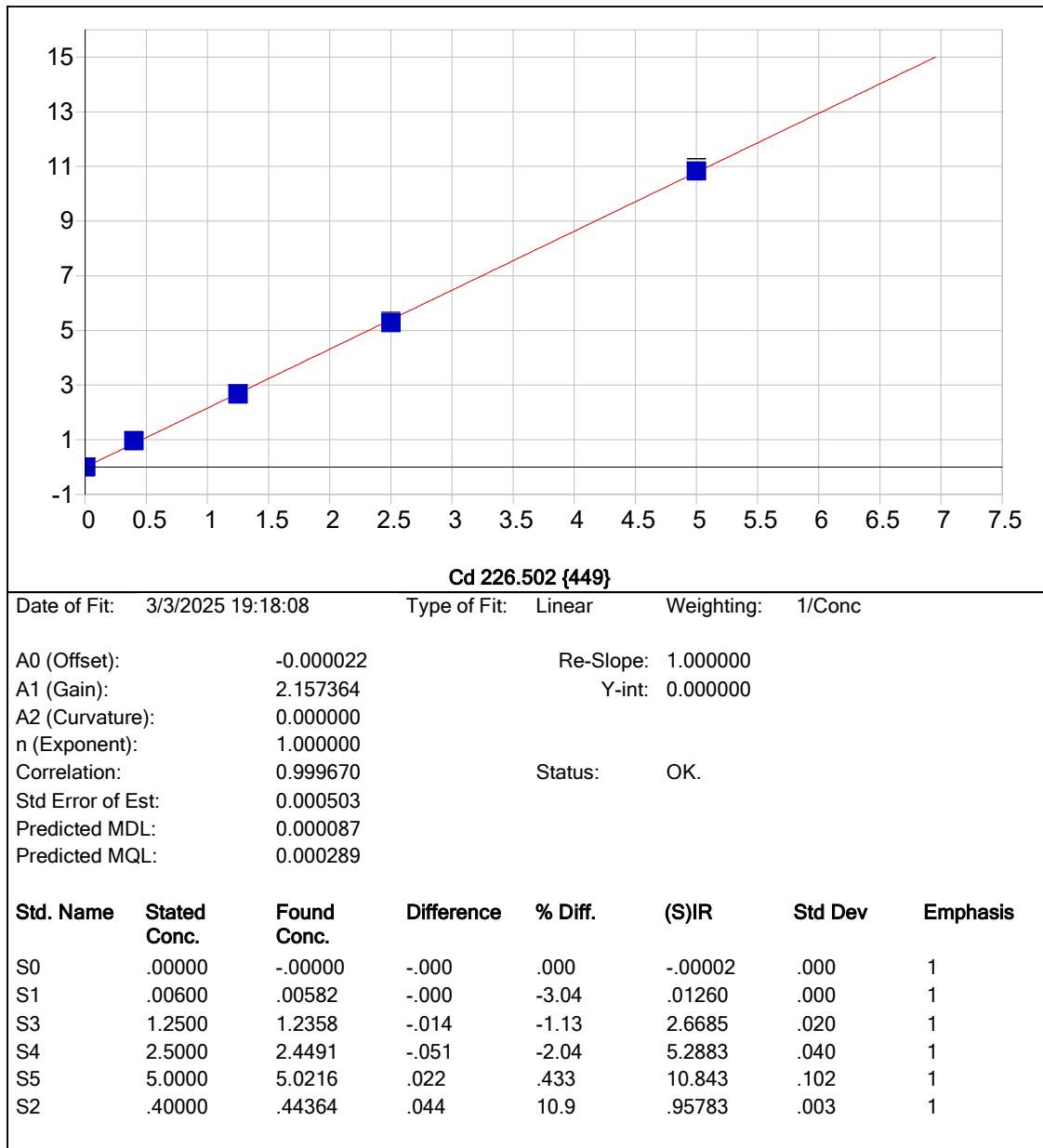


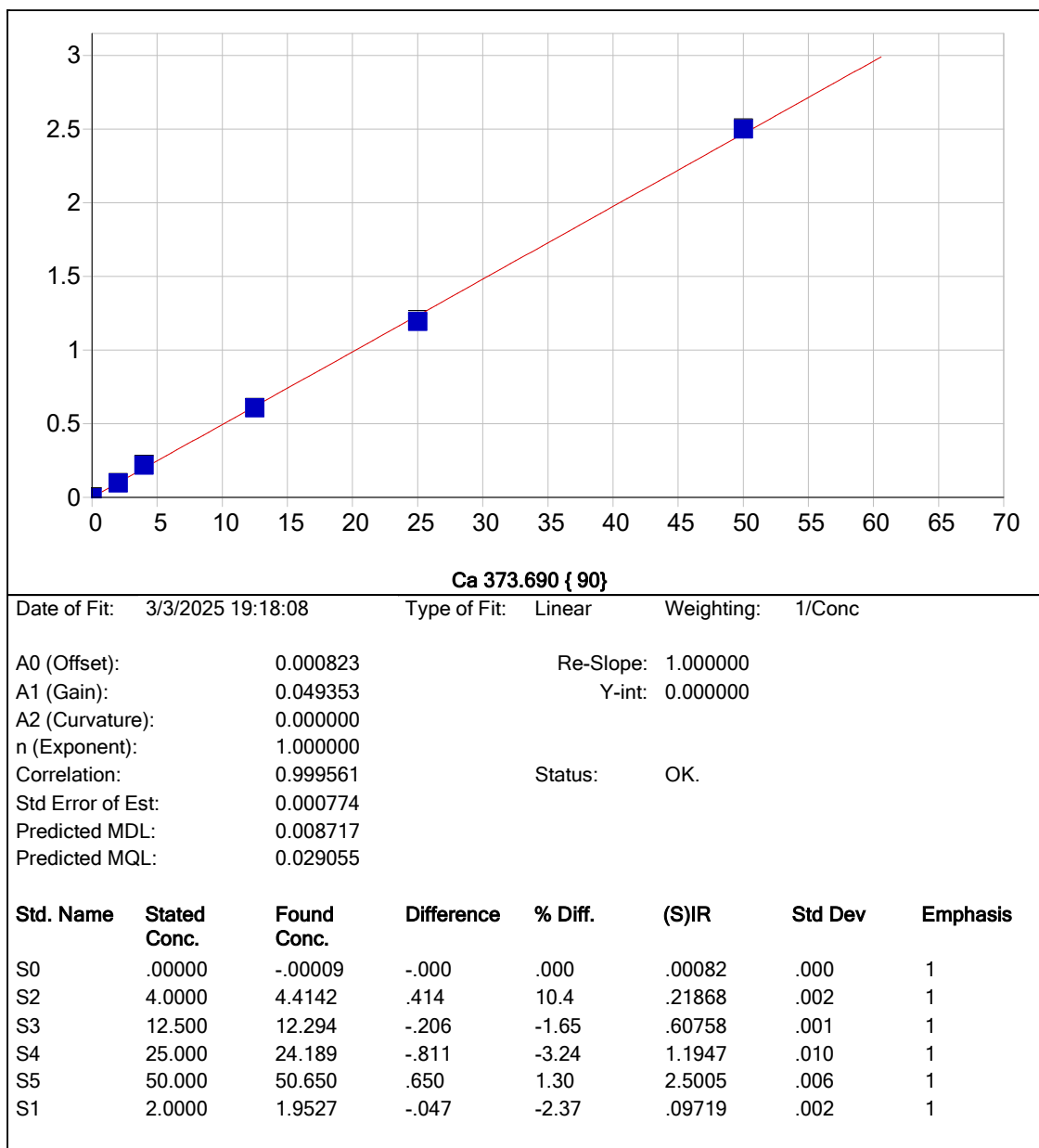


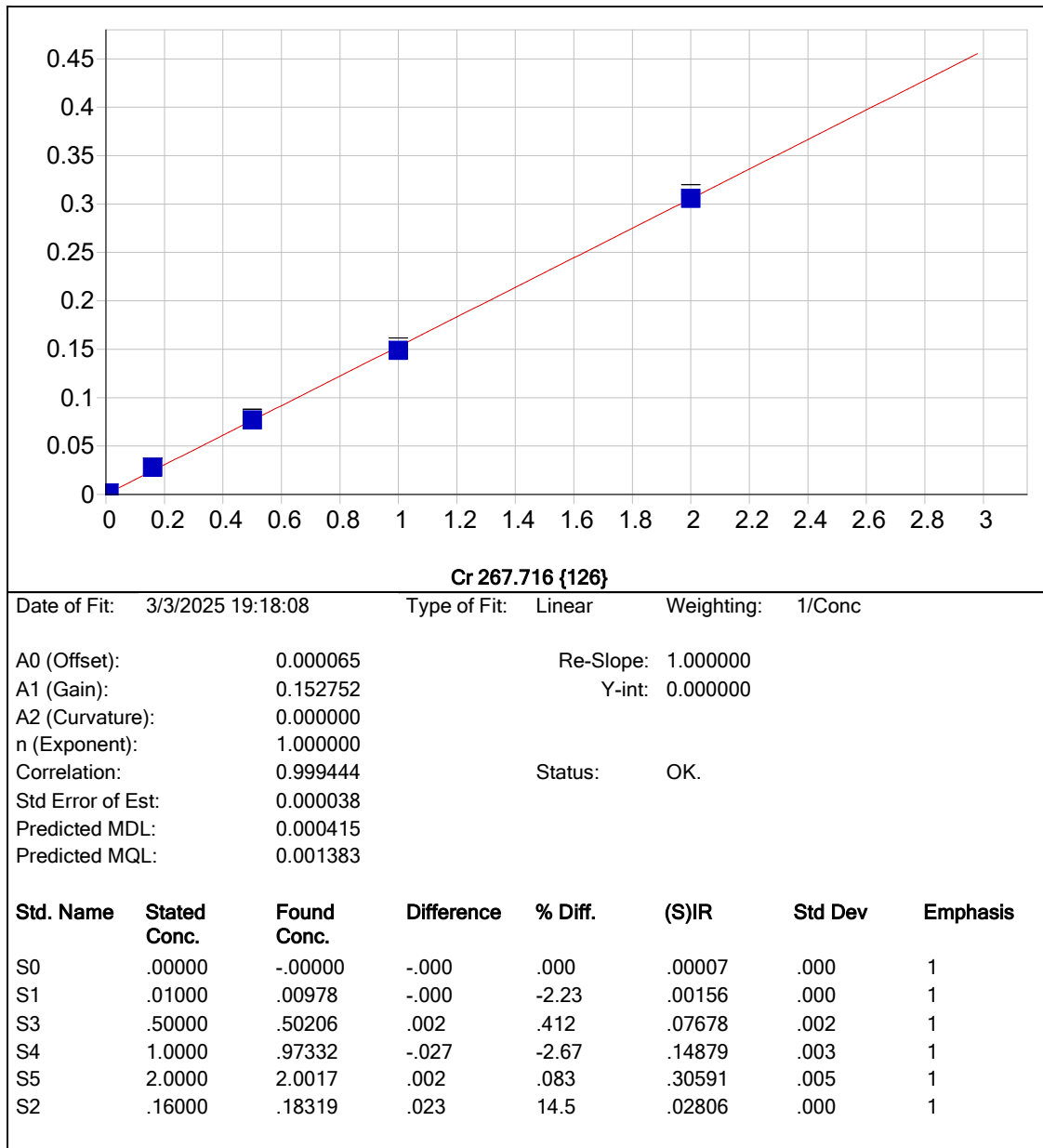


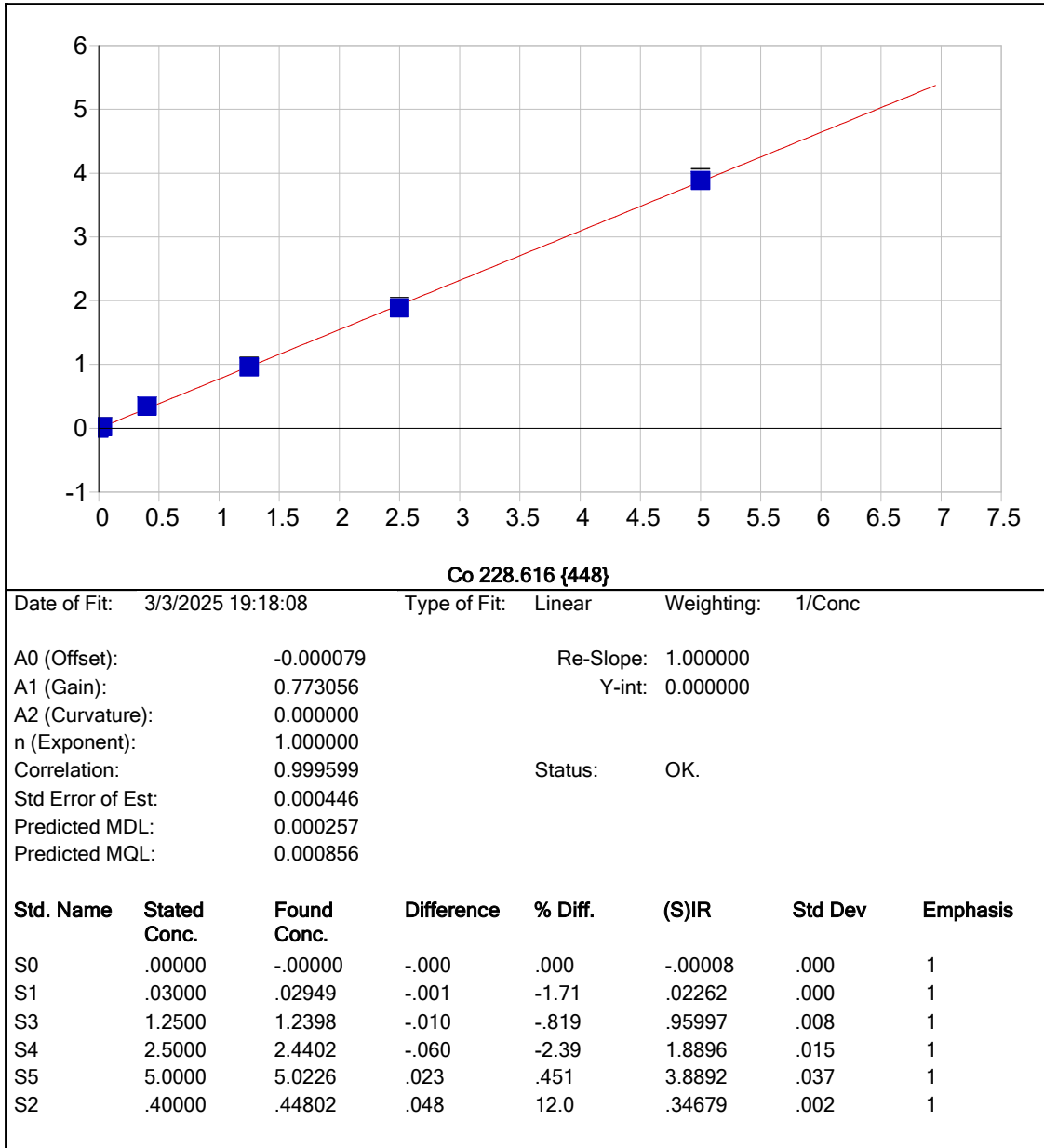


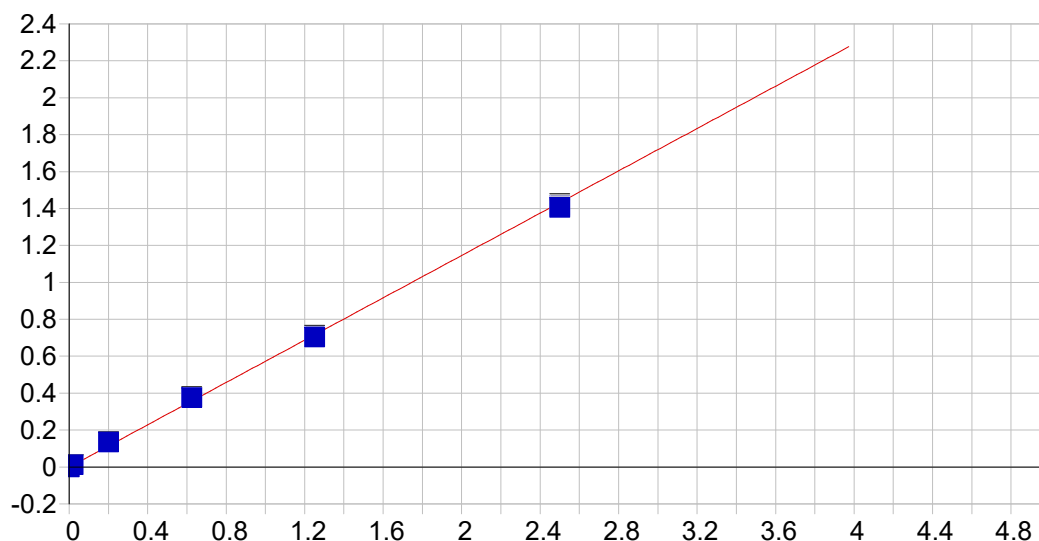










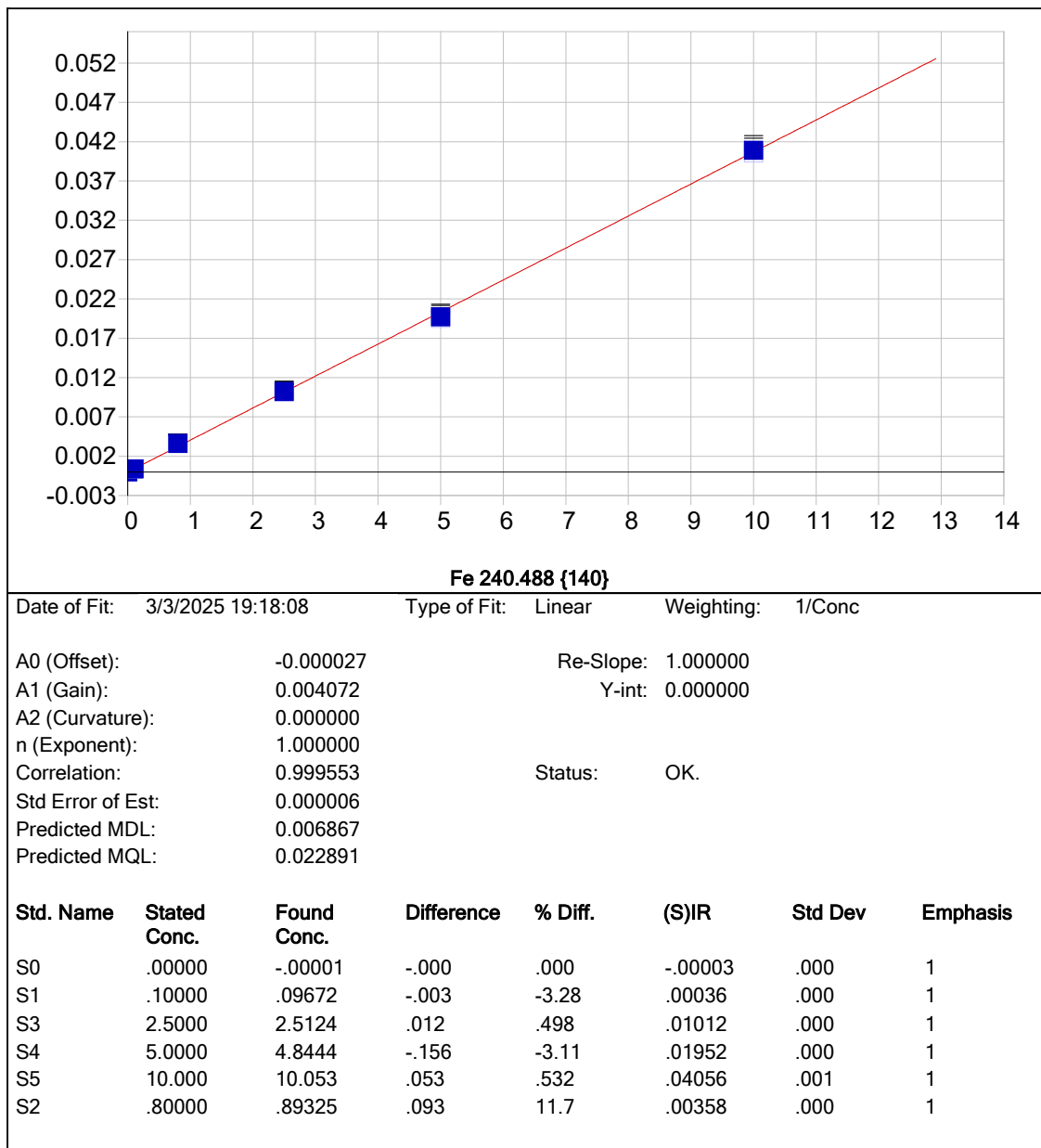


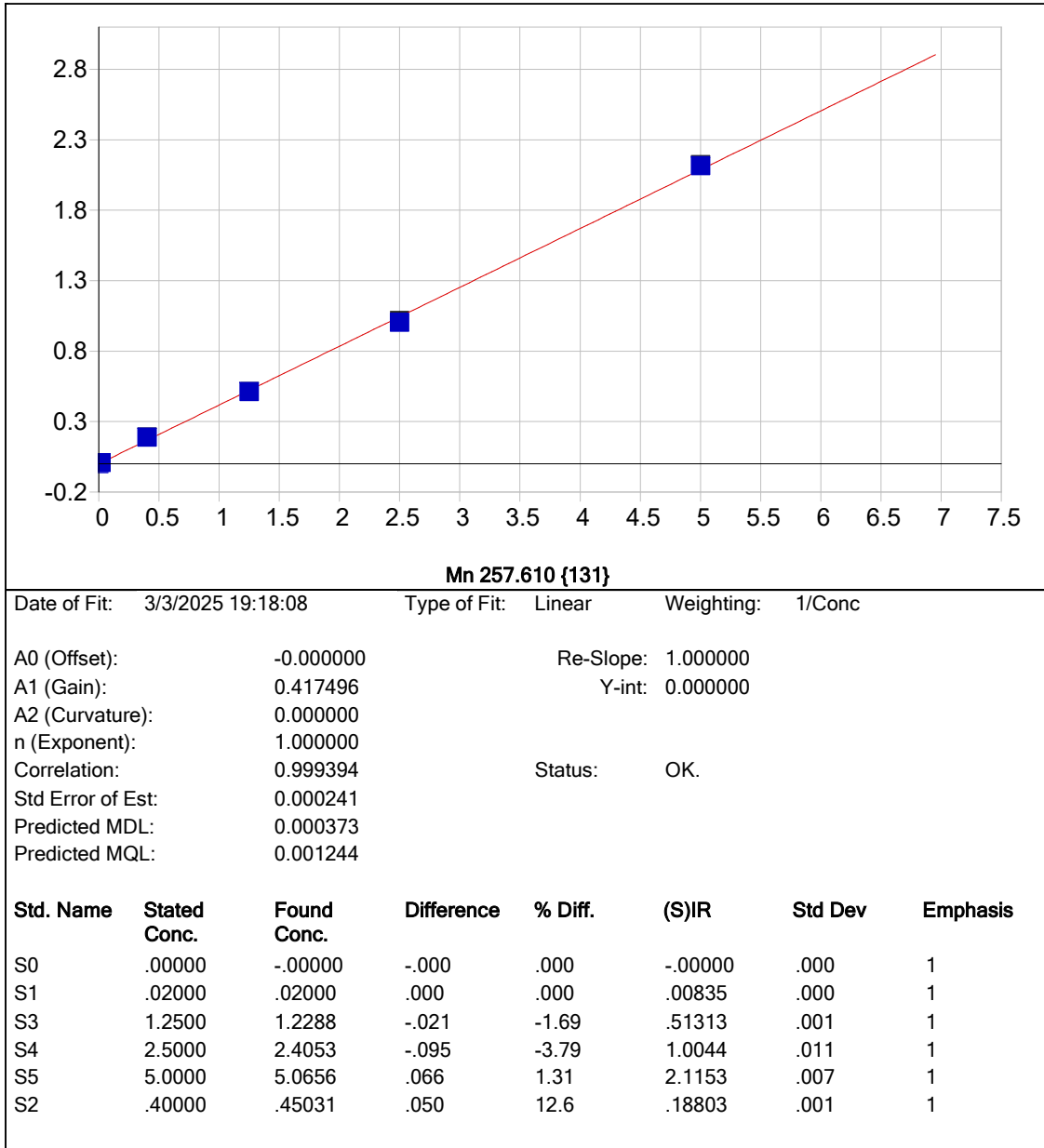
Cu 224.700 {450}

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

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A1 (Gain): 0.573155 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998998 Status: OK.
Std Error of Est: 0.000303
Predicted MDL: 0.000454
Predicted MQL: 0.001515

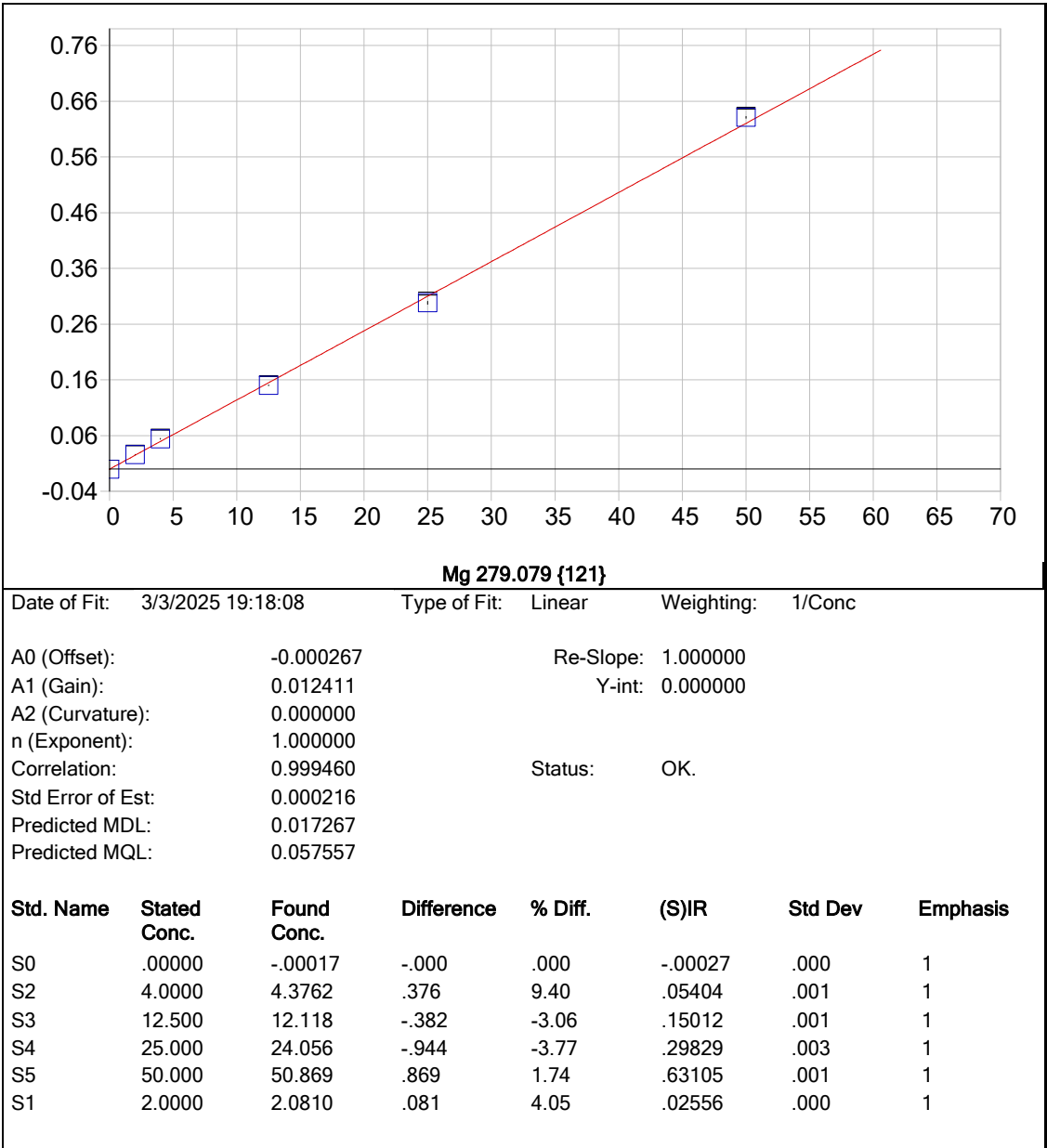
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00073	.000	1
S1	.02000	.02239	.002	12.0	.01222	.000	1
S3	.62500	.65634	.031	5.01	.37801	.002	1
S4	1.2500	1.2285	-.022	-1.72	.70846	.004	1
S5	2.5000	2.4525	-.047	-1.90	1.4151	.011	1
S2	.20000	.23527	.035	17.6	.13494	.001	1

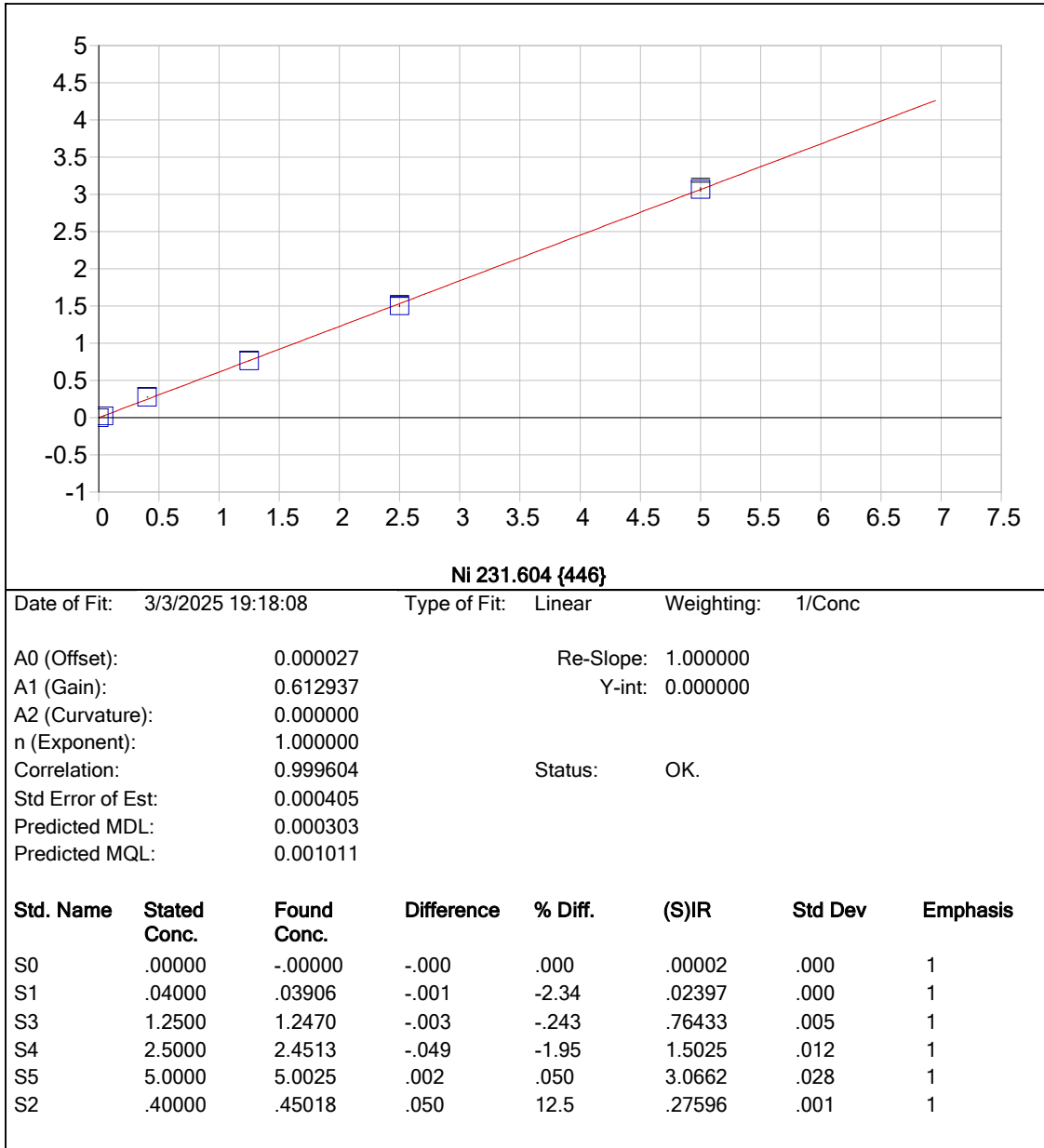


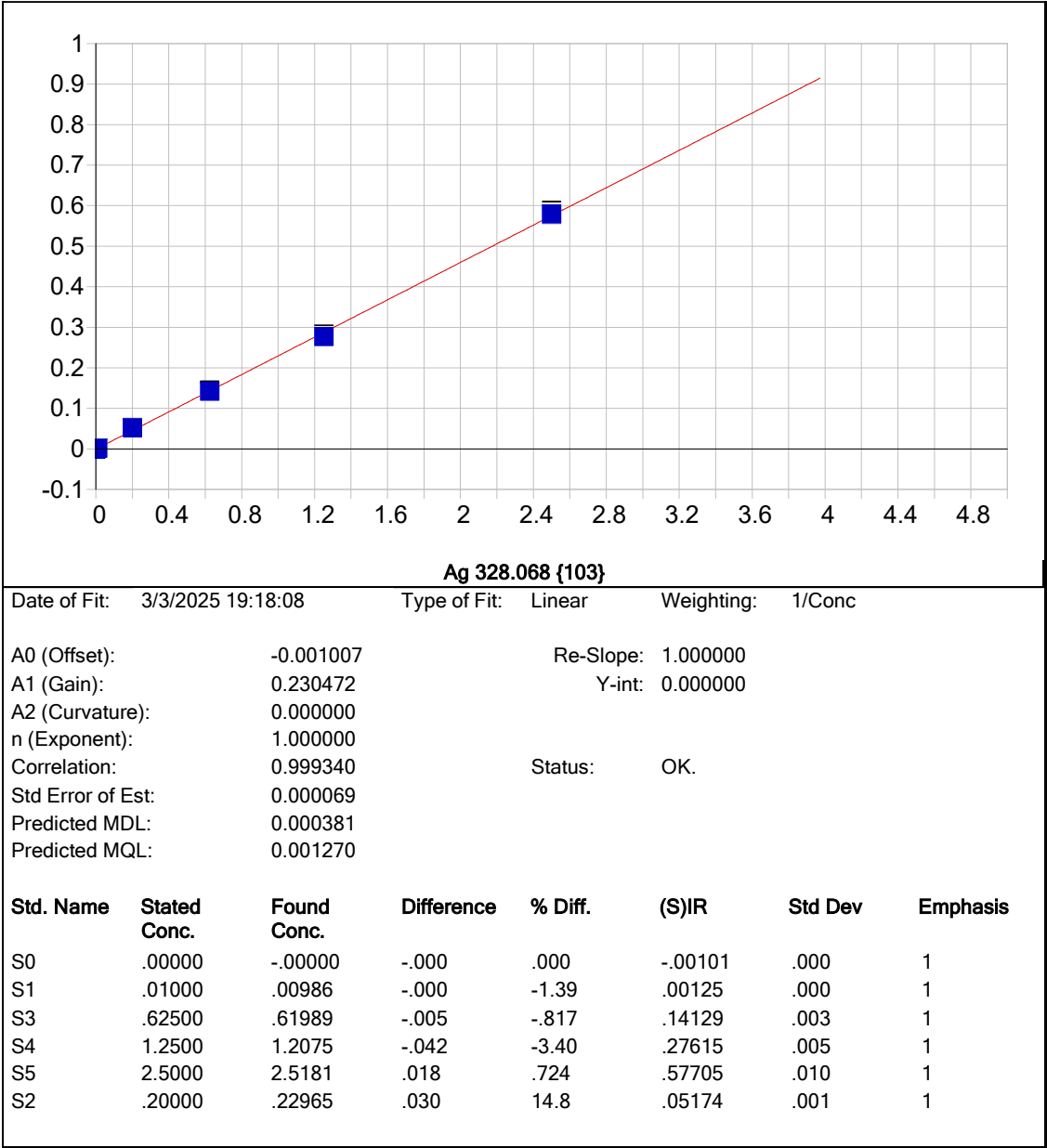


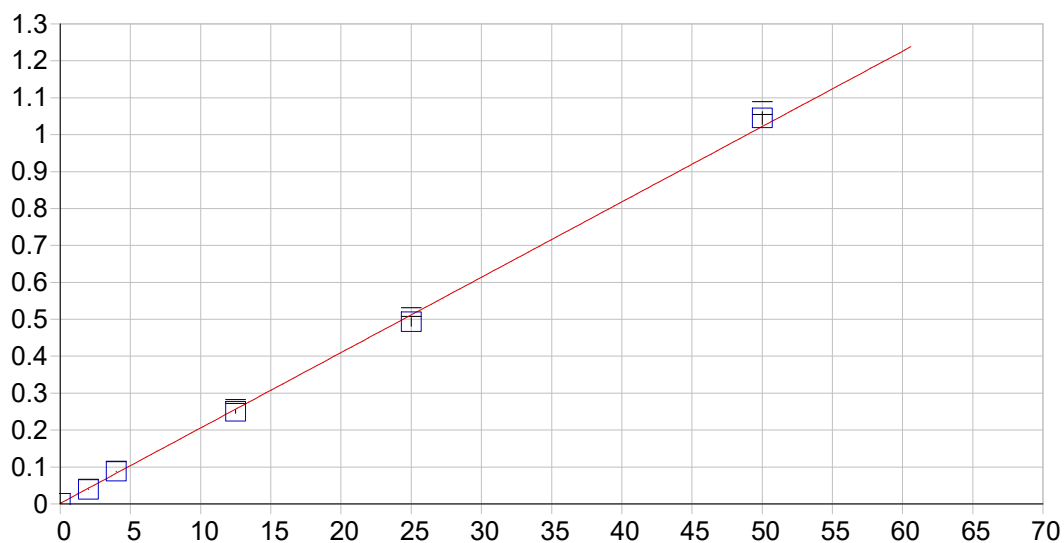
Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

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A1 (Gain): 0.417496 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999394 Status: OK.
Std Error of Est: 0.000241
Predicted MDL: 0.000373
Predicted MQL: 0.001244







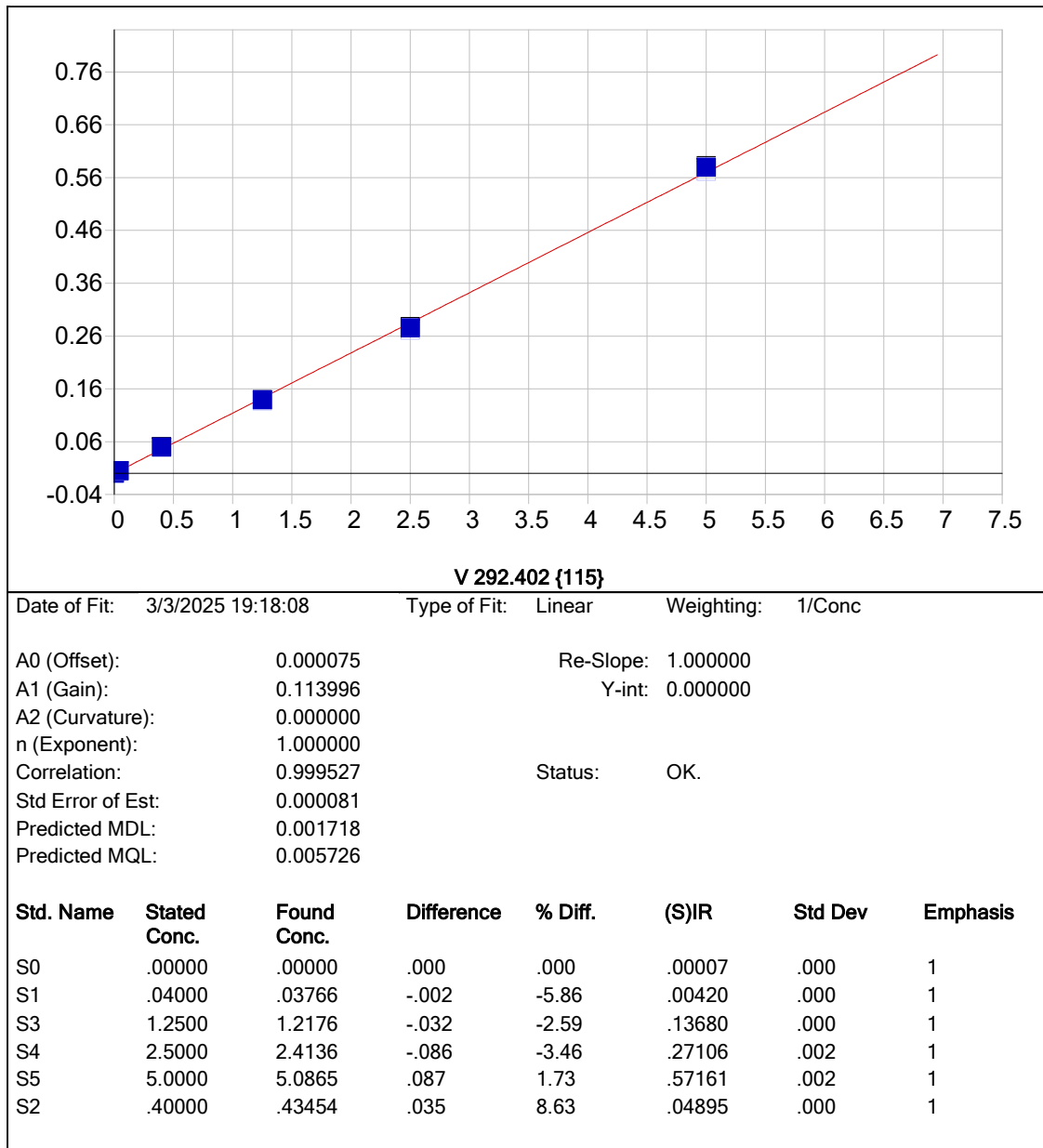


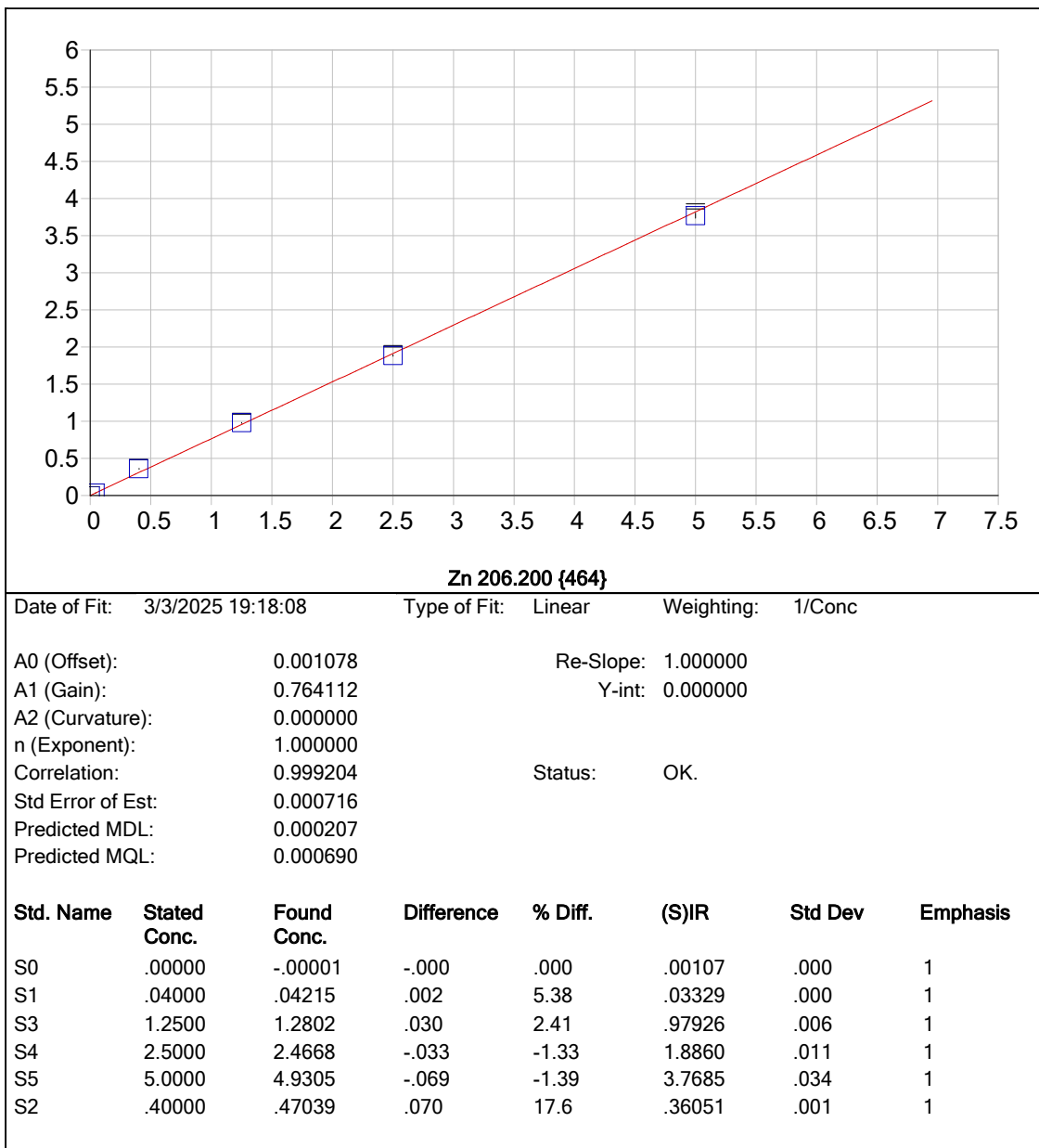
Na 589.592 { 57}

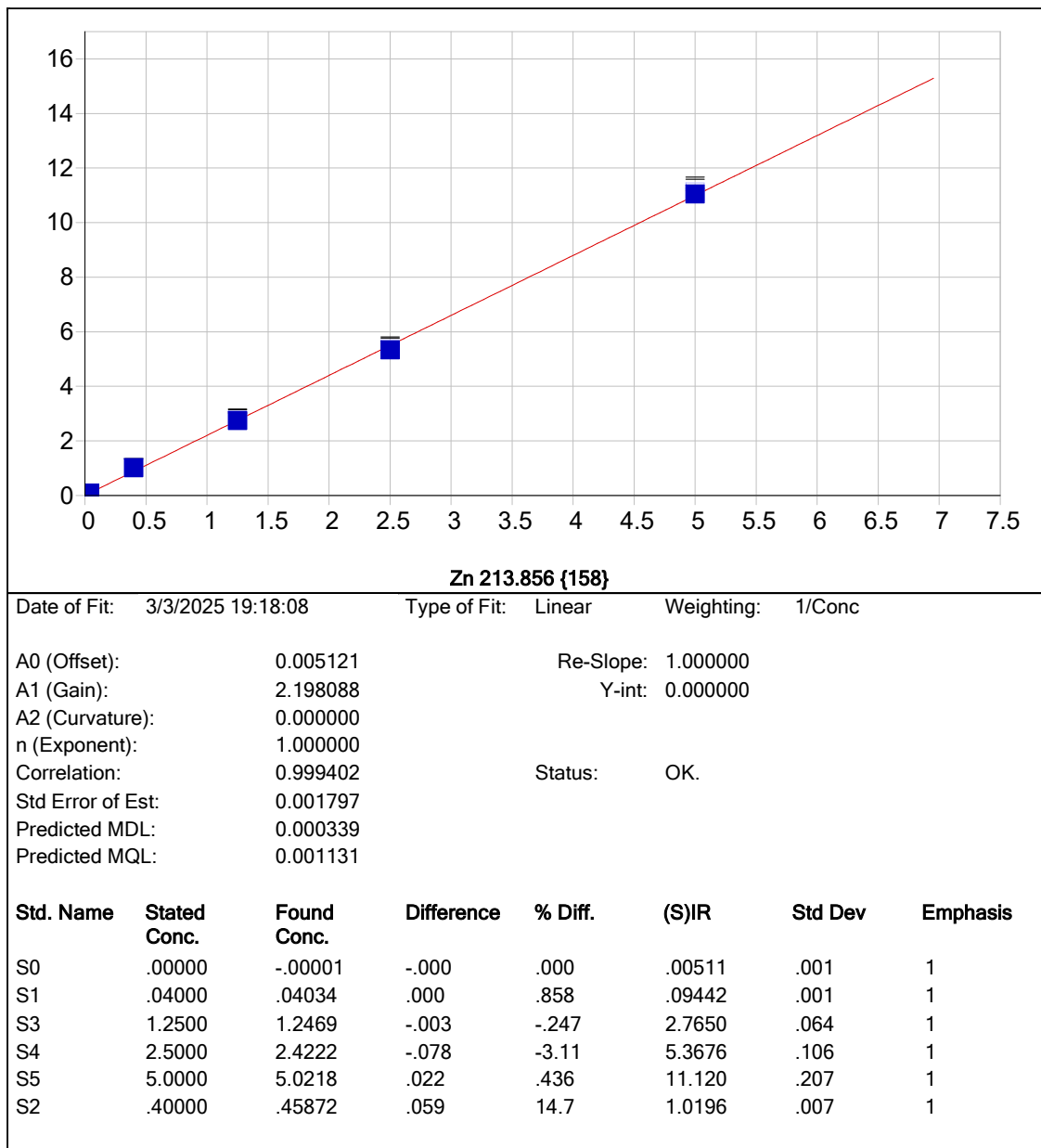
Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

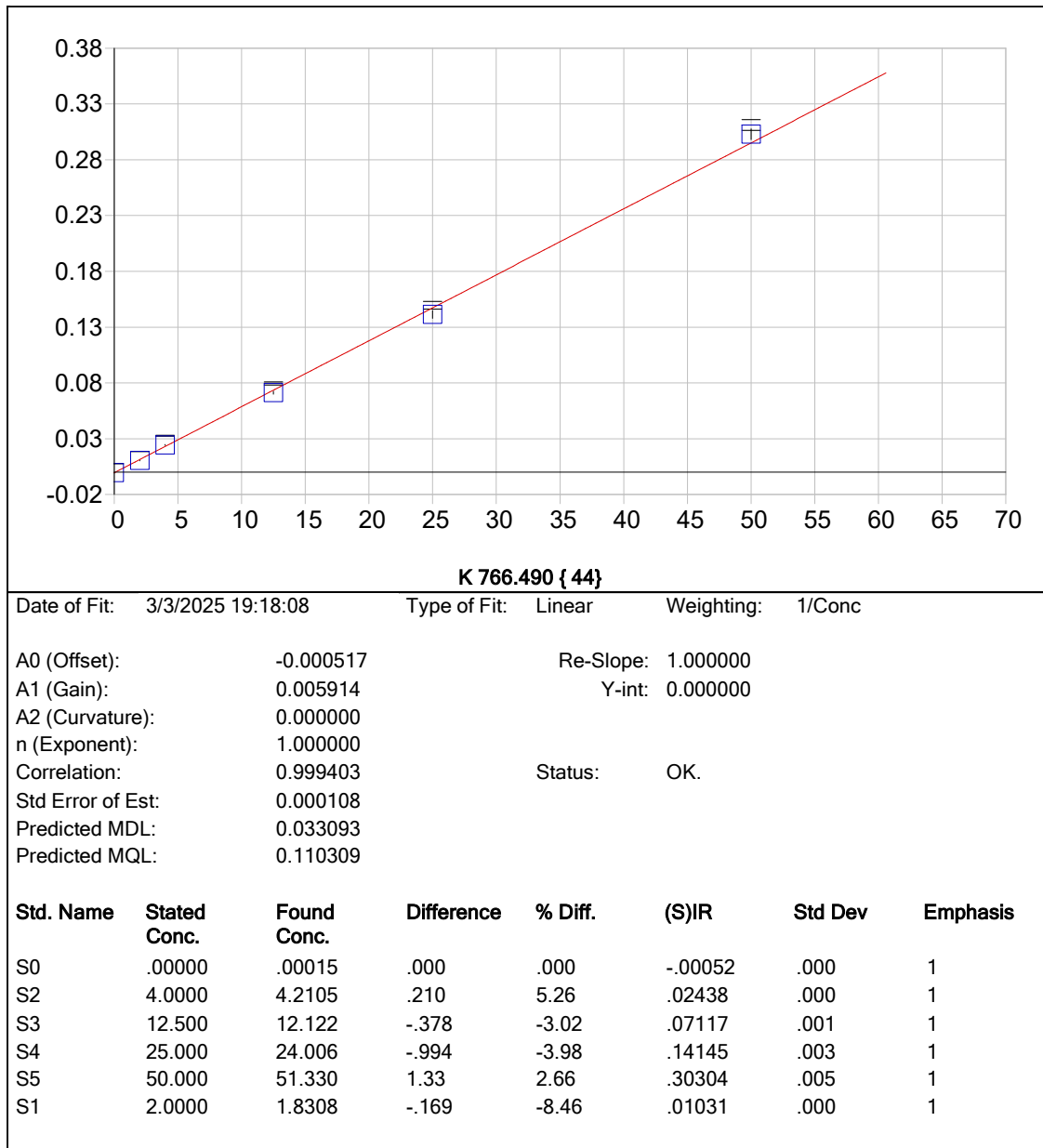
A0 (Offset): 0.001642 Re-Slope: 1.000000
A1 (Gain): 0.020406 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999485 Status: OK.
Std Error of Est: 0.000347
Predicted MDL: 0.009570
Predicted MQL: 0.031900

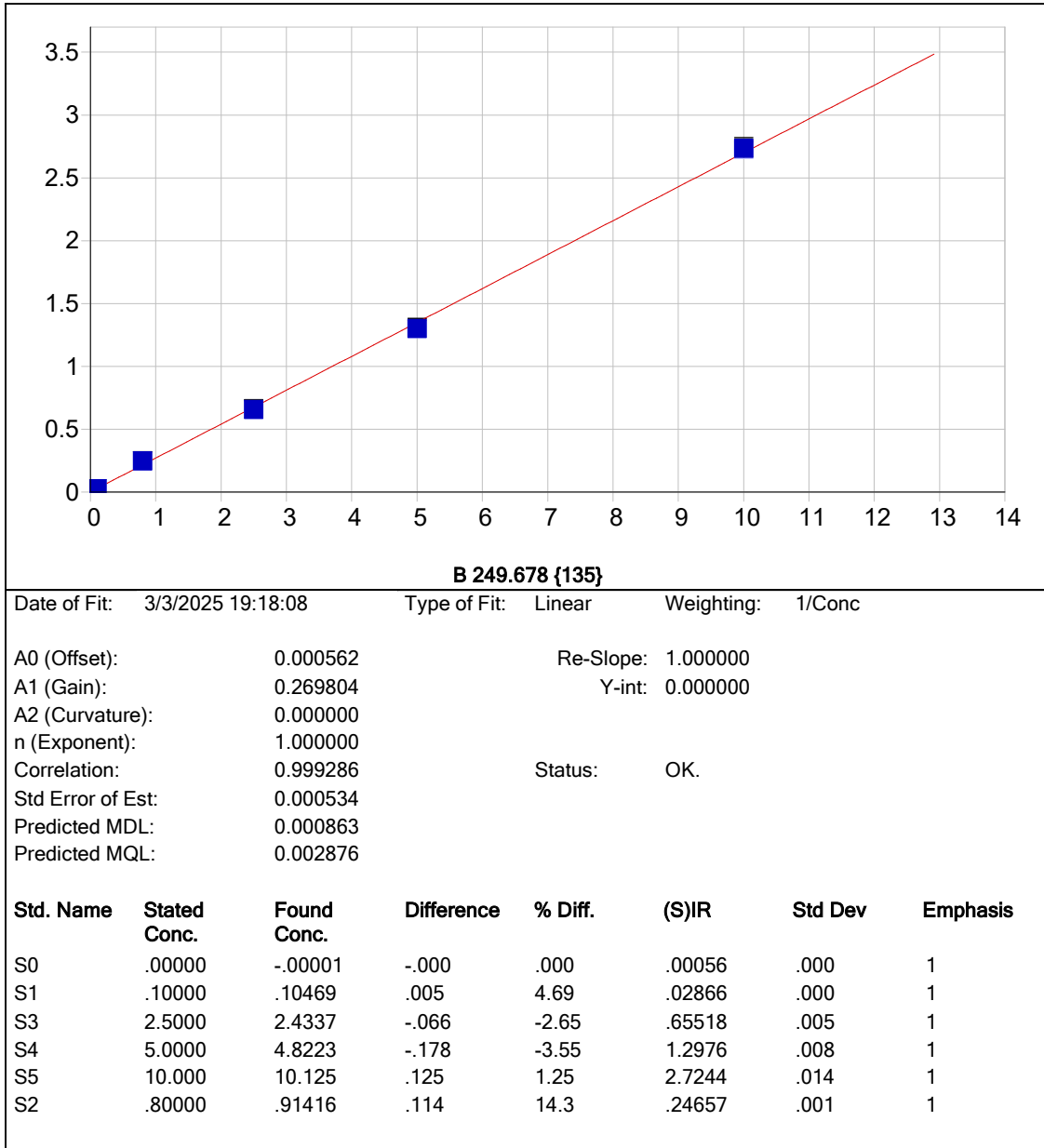
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.00164	.000	1
S2	4.0000	4.2454	.245	6.14	.08828	.001	1
S3	12.500	12.185	-.315	-2.52	.25029	.005	1
S4	25.000	24.066	-.934	-3.74	.49274	.012	1
S5	50.000	51.157	1.16	2.31	1.0456	.017	1
S1	2.0000	1.8470	-.153	-7.65	.03933	.001	1

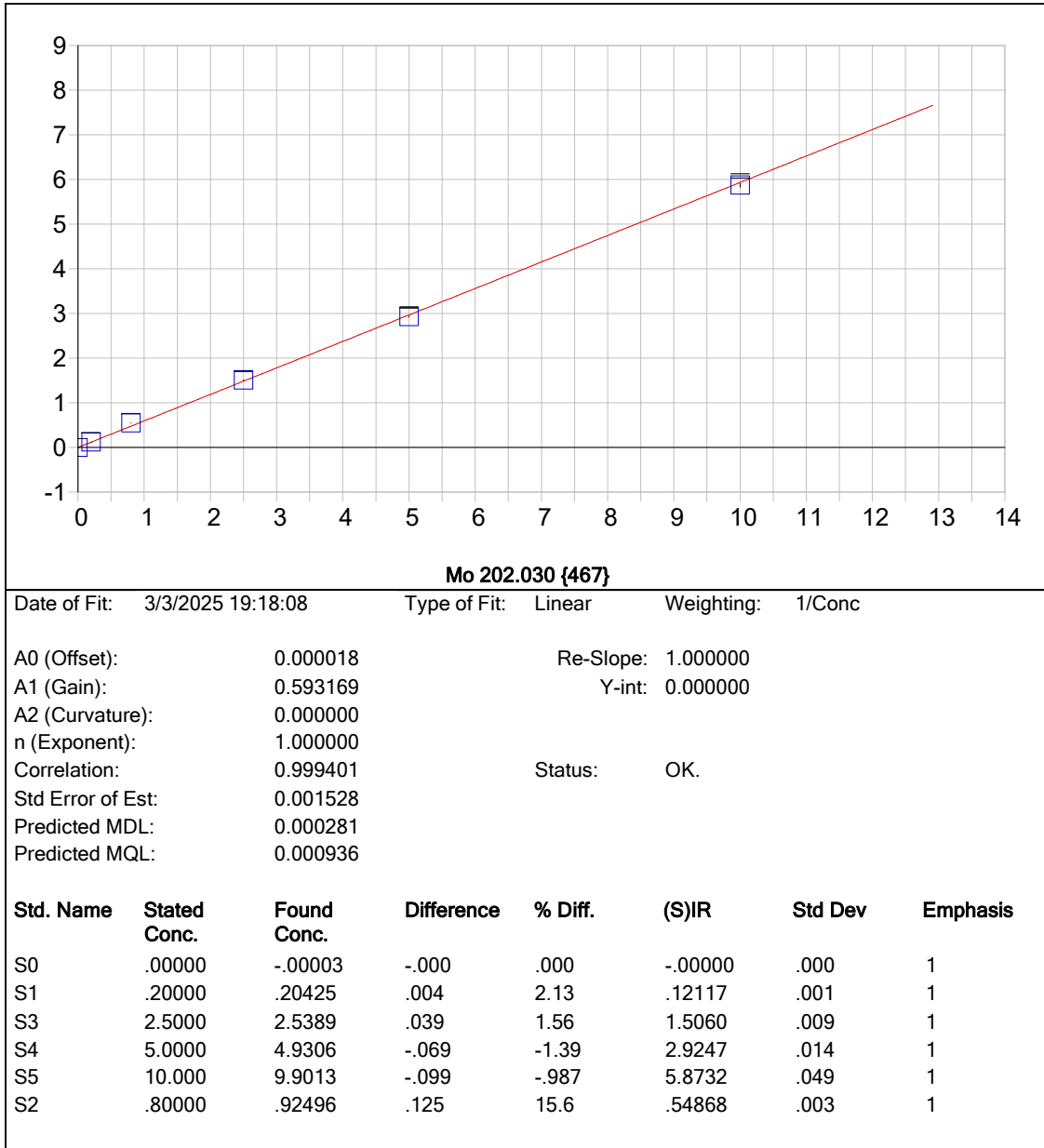


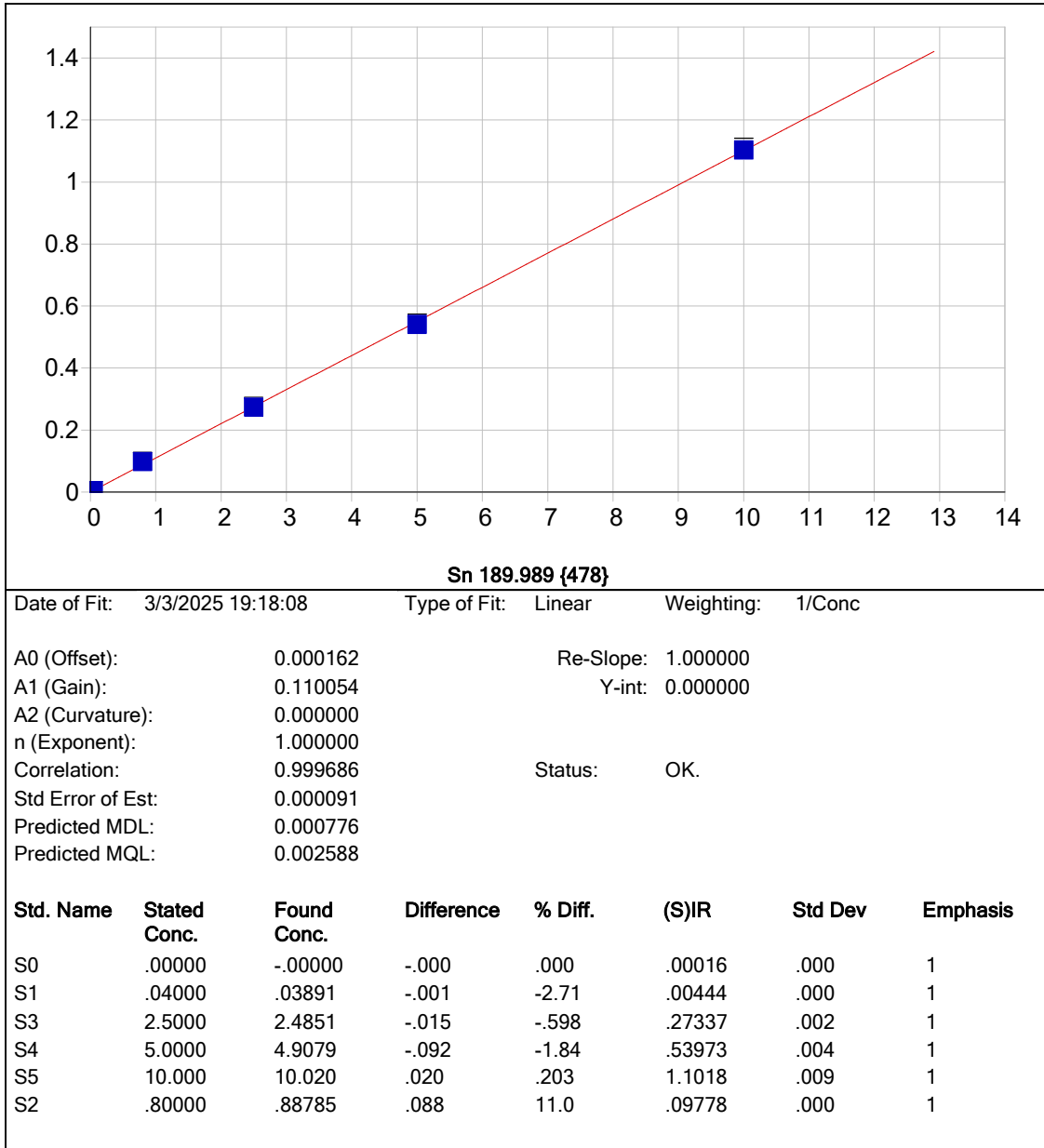


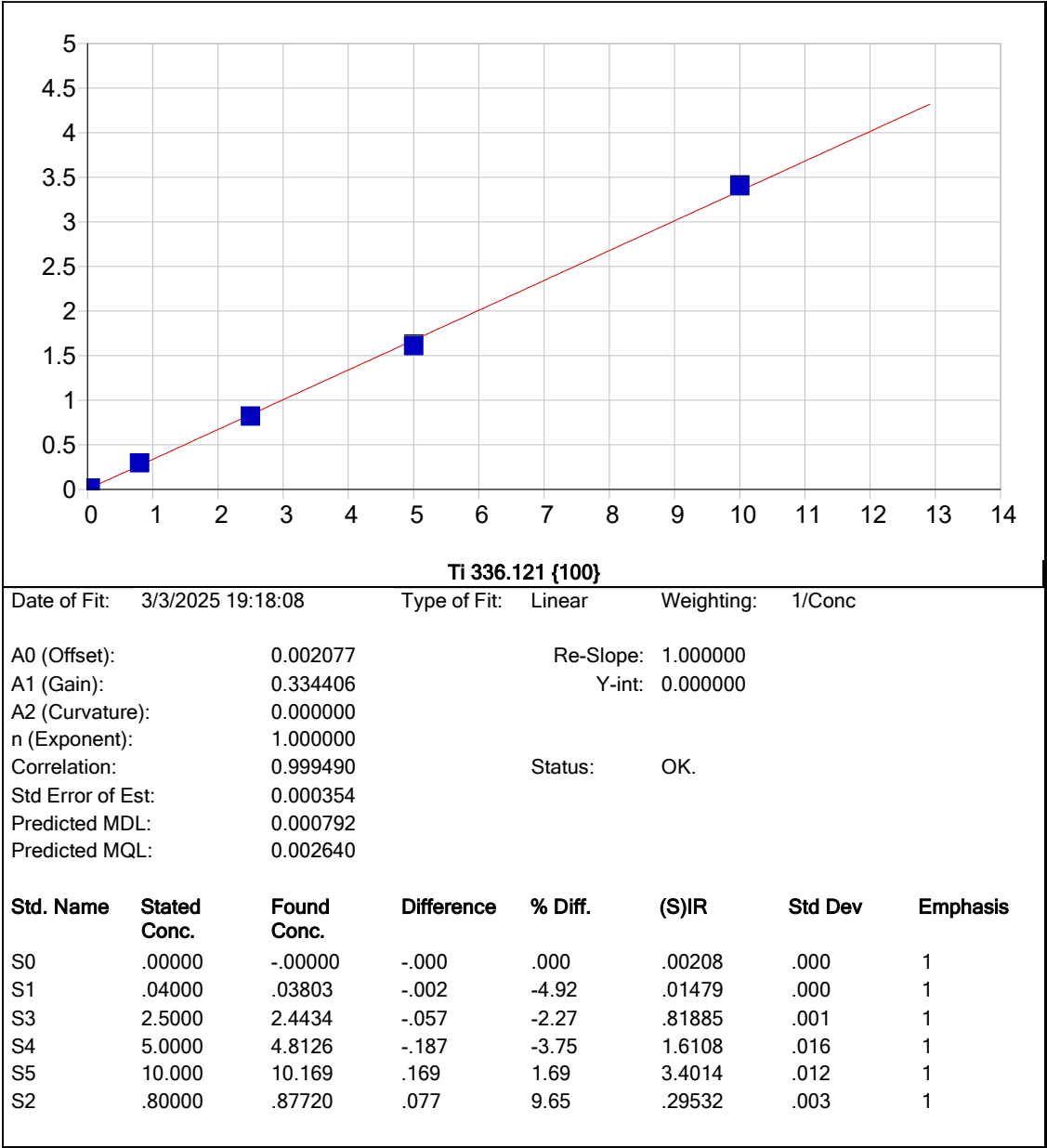


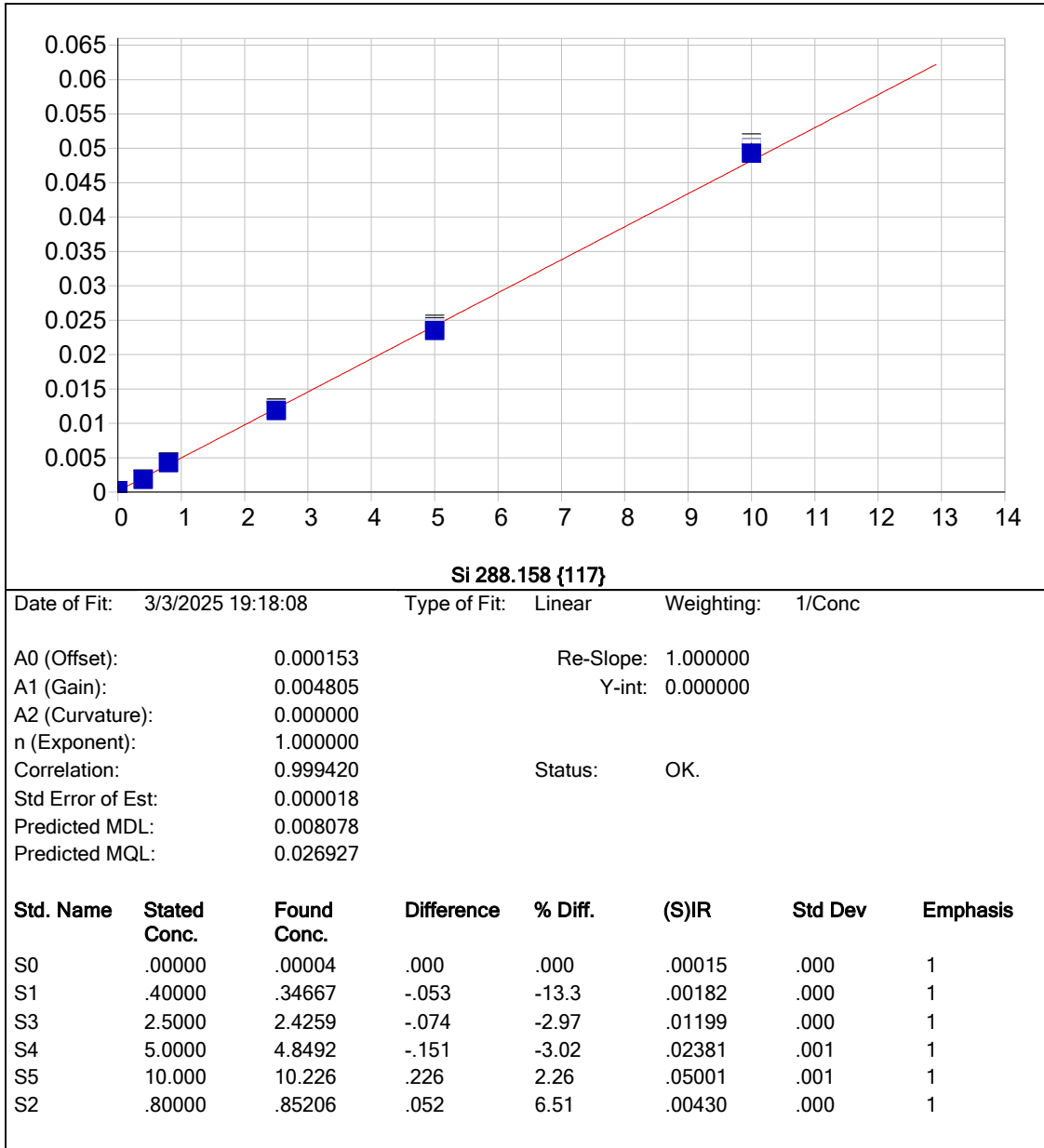


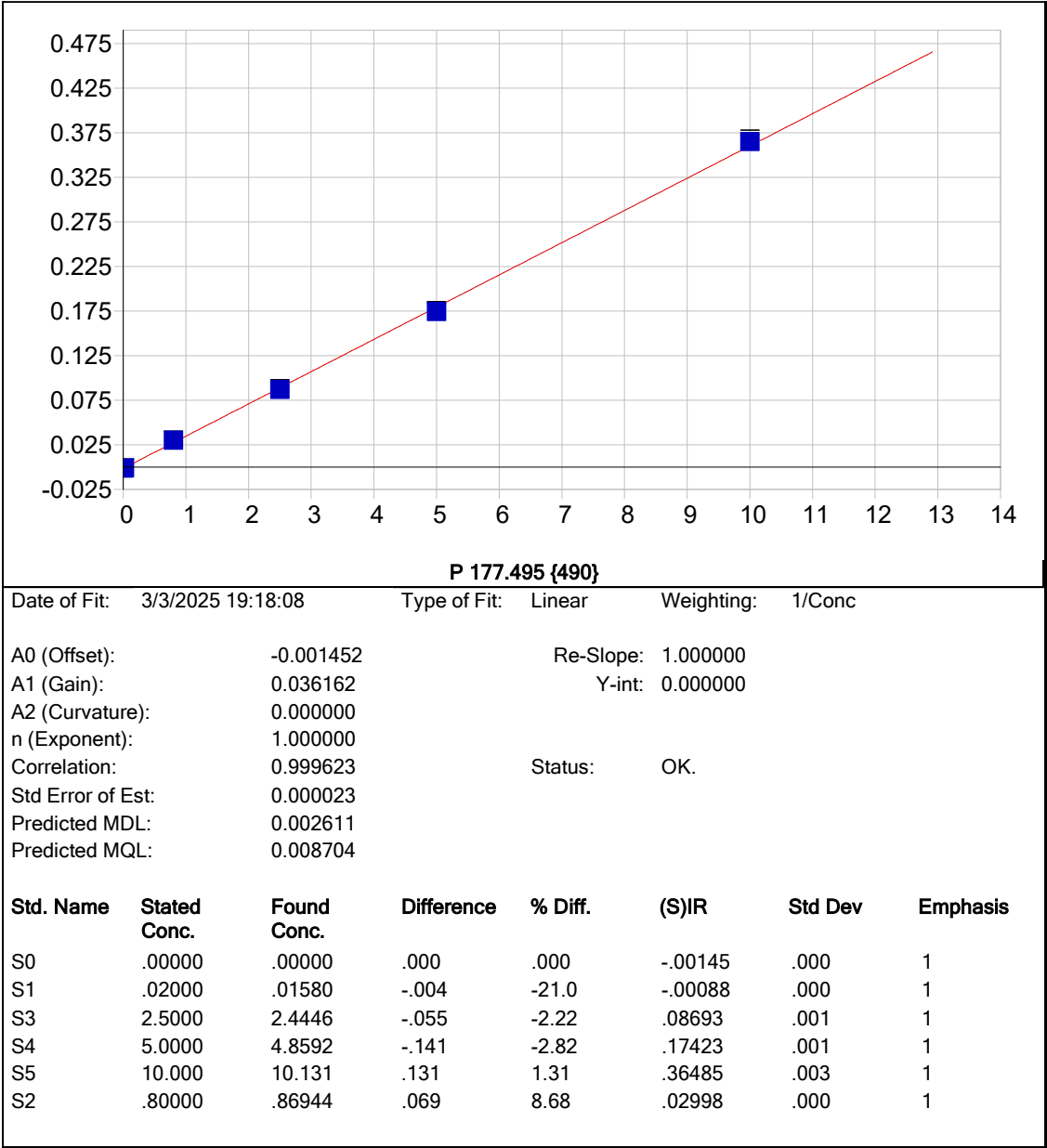


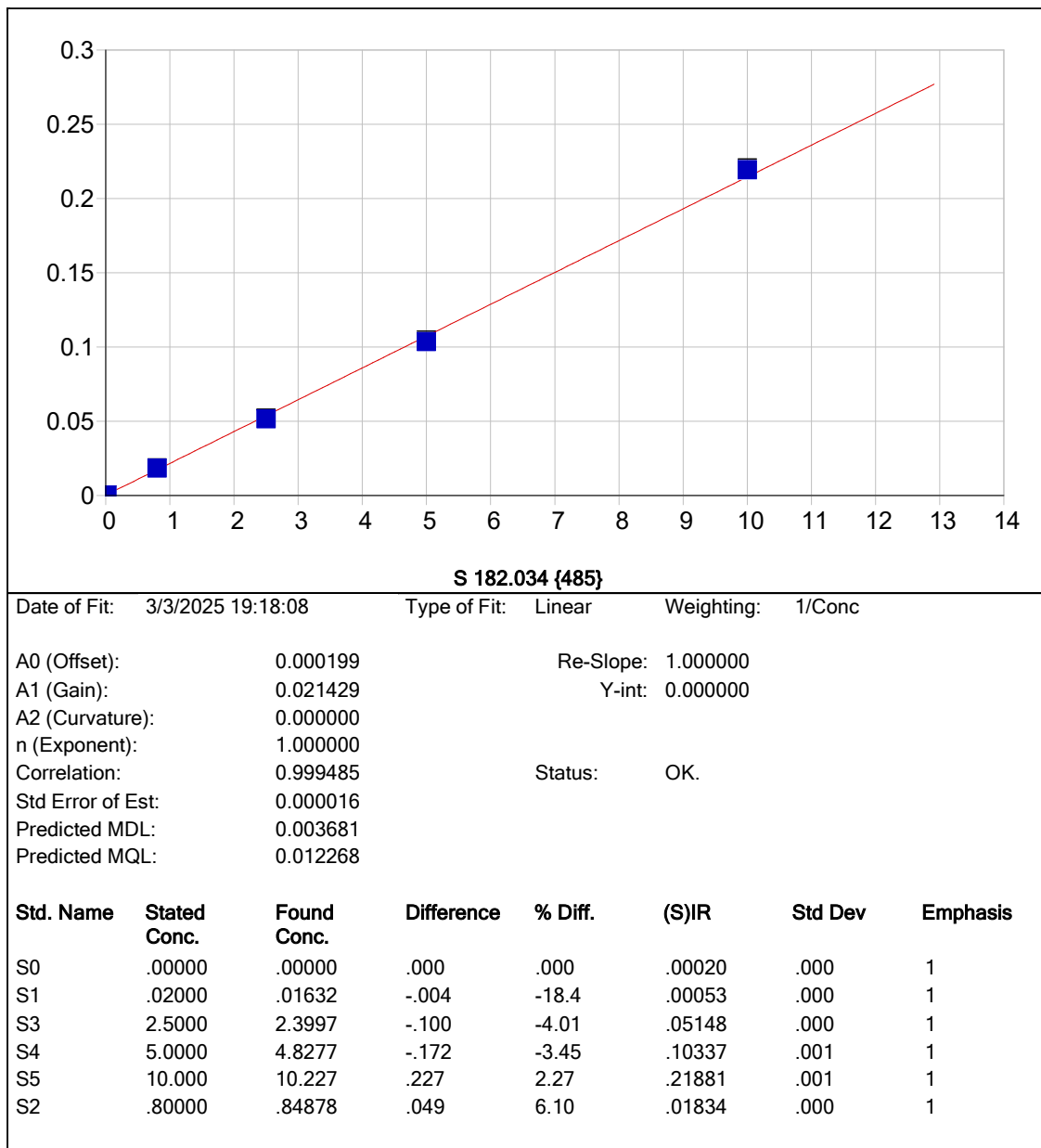


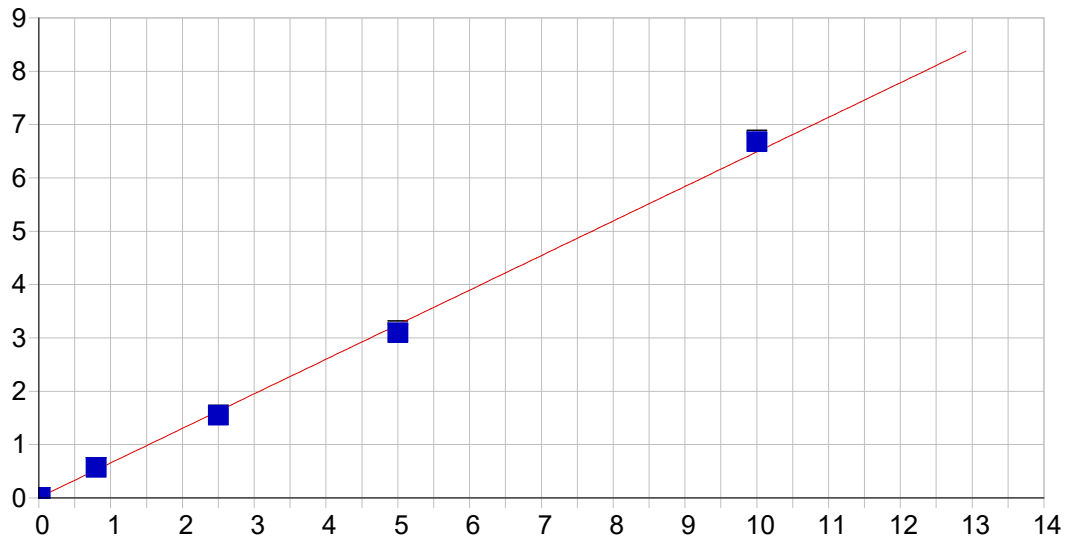










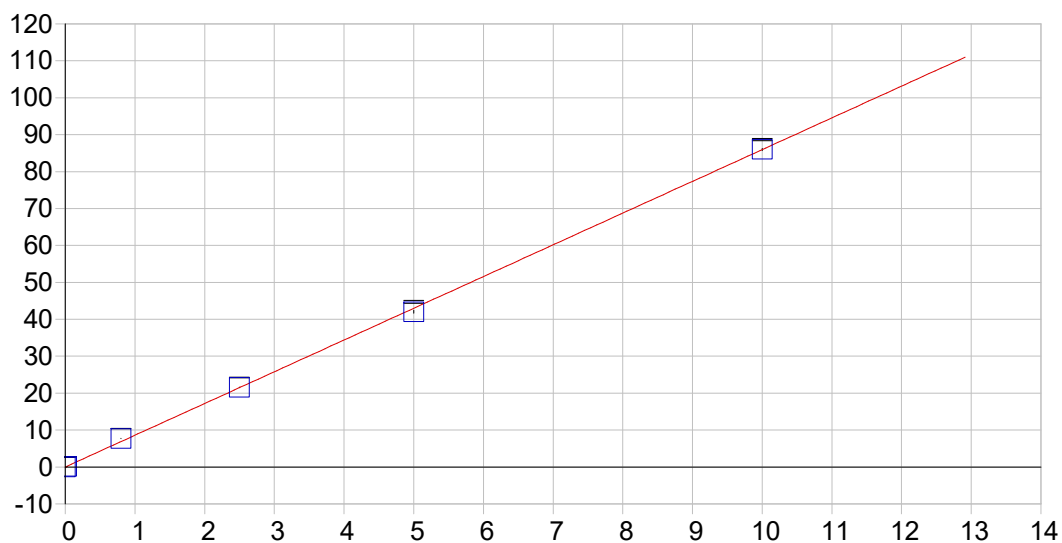


Li 670.784 { 50}

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007580 Re-Slope: 1.000000
A1 (Gain): 0.648028 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999167 Status: OK.
Std Error of Est: 0.000620
Predicted MDL: 0.001284
Predicted MQL: 0.004282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00758	.000	1
S5	10.000	10.292	.292	2.92	6.6803	.029	1
S4	5.0000	4.7652	-.235	-4.70	3.0972	.036	1
S3	2.5000	2.3806	-.119	-4.78	1.5511	.002	1
S1	.02000	.01818	-.002	-9.10	.01957	.001	1
S2	.80000	.86420	.064	8.03	.56787	.003	1

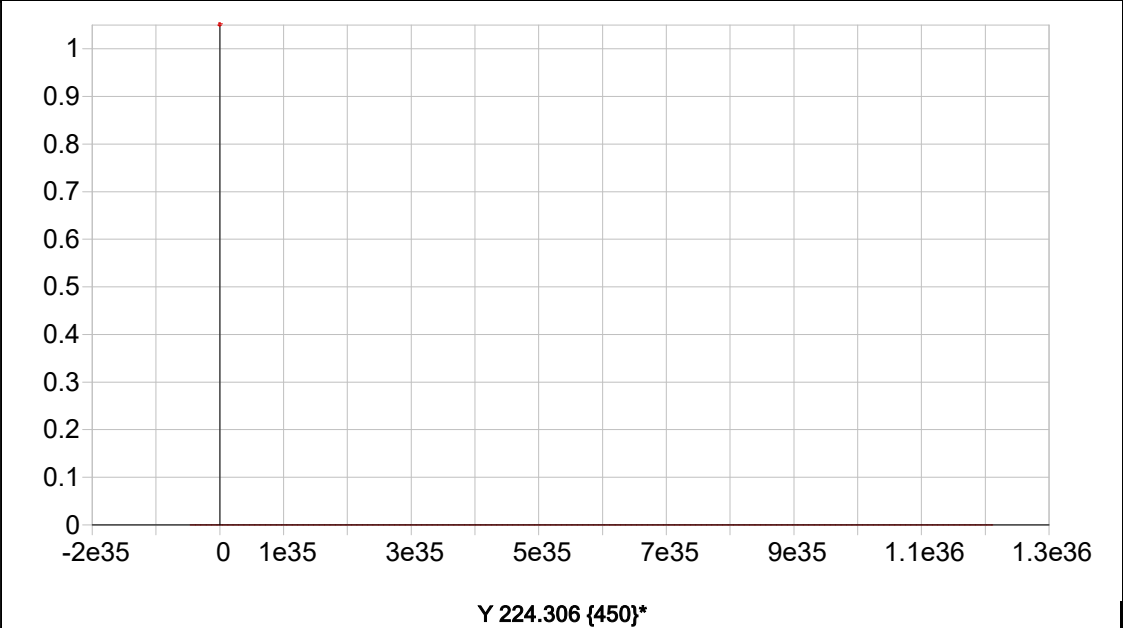


Sr 407.771 { 83}

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000261 Re-Slope: 1.000000
A1 (Gain): 8.595344 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999619 Status: OK.
Std Error of Est: 0.005561
Predicted MDL: 0.000055
Predicted MQL: 0.000182

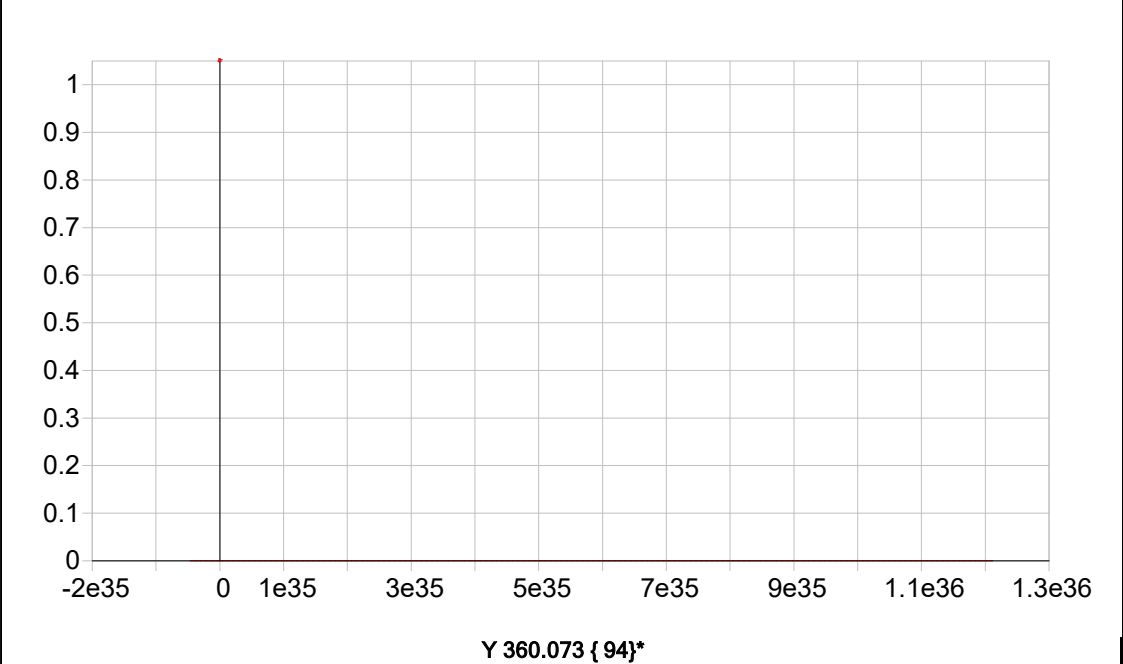
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.02000	.01898	-.001	-5.08	.16291	.003	1
S3	2.5000	2.5089	.009	.356	21.565	.080	1
S4	5.0000	4.8906	-.109	-2.19	42.036	.360	1
S5	10.000	10.006	.006	.057	86.002	.288	1
S2	.80000	.89585	.096	12.0	7.6999	.053	1



Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

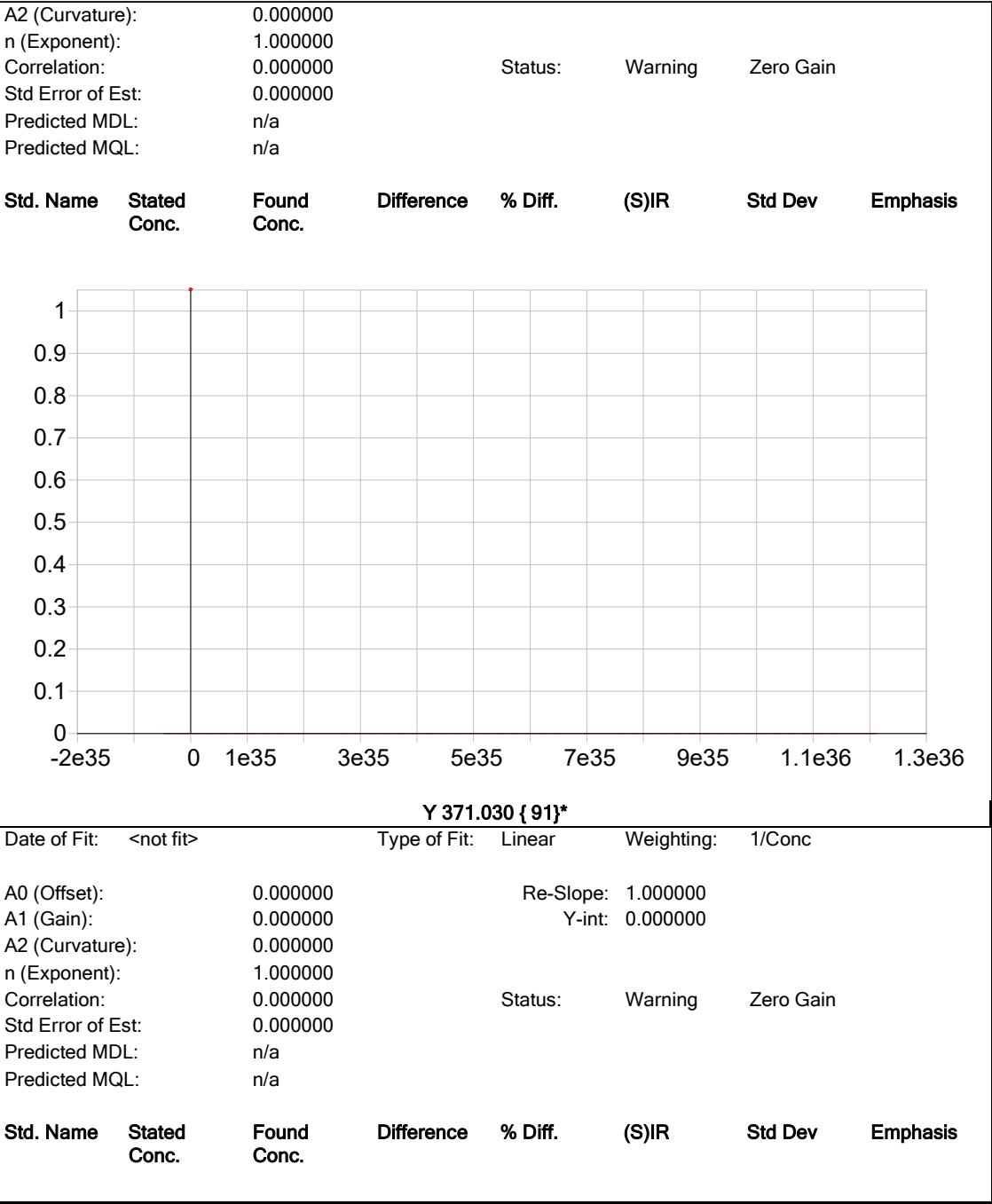
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

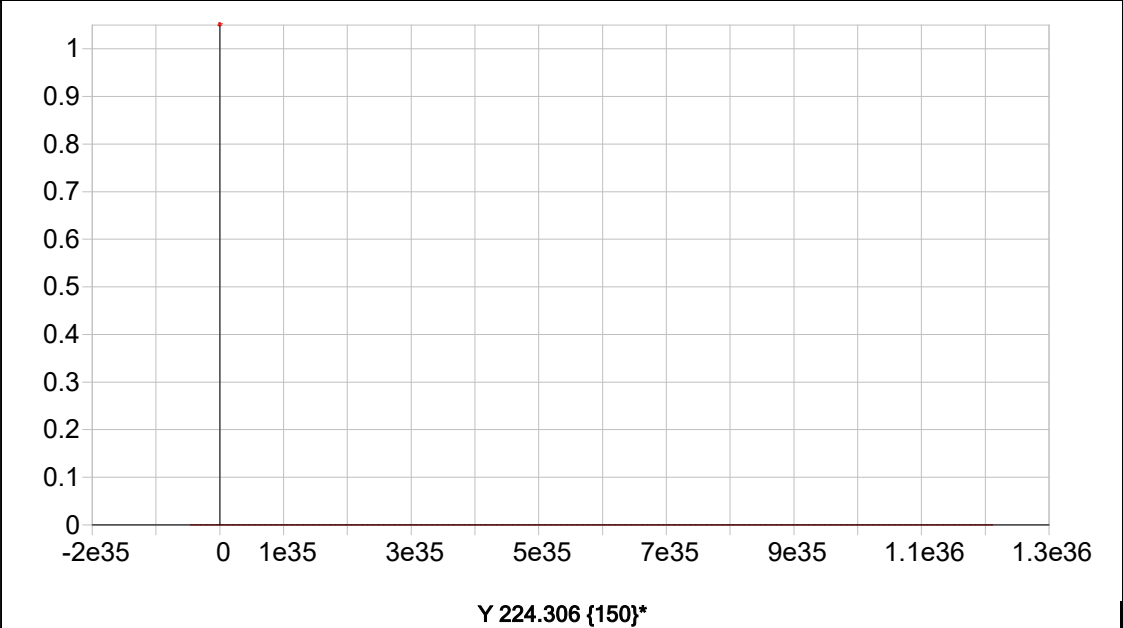
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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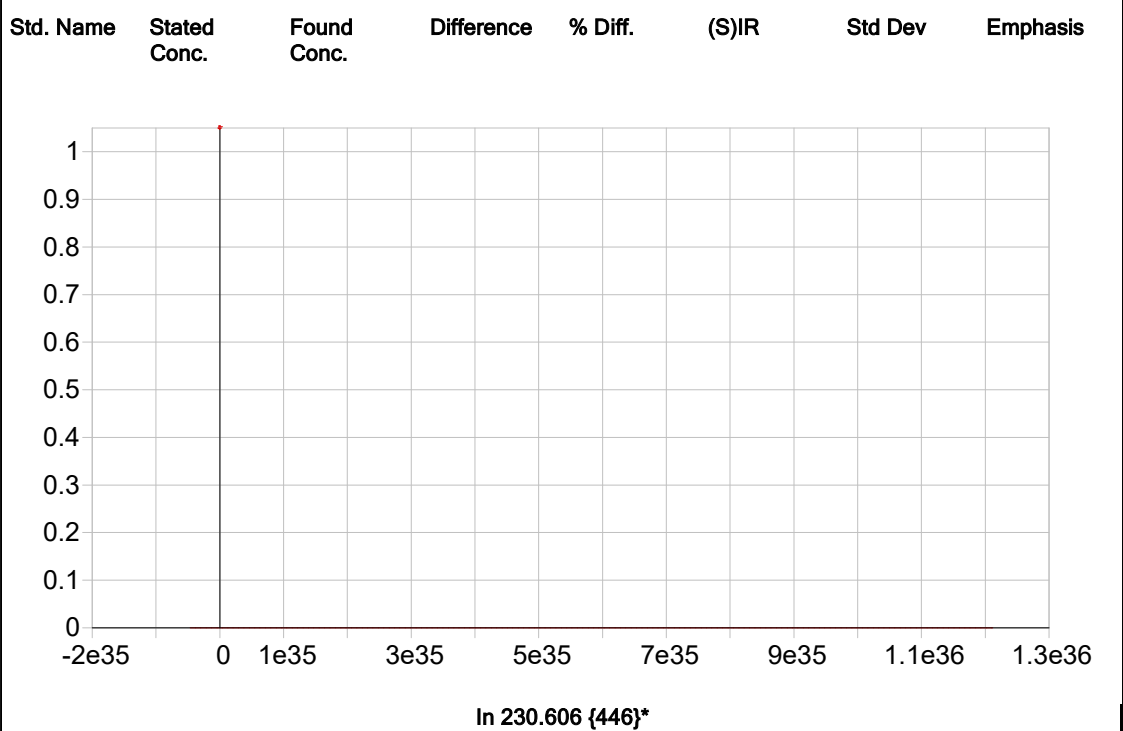
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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





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



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

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

Sample Name: S0 Acquired: 3/3/2025 18:26:52 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	-.00012	-.00008	.00002	.00026	.00038	.00067	.03249	-.00003
Stddev	.00005	.00009	.00009	.00021	.00006	.00031	.00171	.00011
%RSD	40.282	111.28	440.10	79.221	15.965	47.267	5.2513	428.64
#1	-.00017	-.00009	.00009	.00013	.00041	.00102	.03057	-.00003
#2	-.00010	.00001	-.00008	.00016	.00042	.00041	.03307	-.00013
#3	-.00008	-.00017	.00006	.00051	.00031	.00058	.03383	.00009
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	-.00002	.00082	.00007	-.00008	-.00073	-.00003	-.00000	-.00027
Stddev	.00009	.00020	.00003	.00006	.00020	.00003	.00004	.00009
%RSD	408.75	24.064	53.213	71.301	27.816	125.14	3735.3	33.788
#1	-.00007	.00059	.00003	-.00015	-.00065	-.00005	-.00003	-.00016
#2	-.00008	.00093	.00008	-.00004	-.00057	.00001	.00005	-.00032
#3	.00008	.00093	.00009	-.00006	-.00095	-.00004	-.00003	-.00032
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	.00002	-.00101	.00164	.00007	.00511	-.00052	.00056	-.00000
Stddev	.00017	.00007	.00004	.00011	.00114	.00019	.00016	.00014
%RSD	675.07	7.2598	2.4711	151.73	22.225	36.387	28.232	6594.5
#1	.00001	-.00096	.00160	.00021	.00396	-.00067	.00038	-.00011
#2	.00020	-.00109	.00167	.00000	.00623	-.00057	.00068	-.00005
#3	-.00013	-.00097	.00166	.00002	.00514	-.00031	.00061	.00015
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	.00208	.00015	-.00145	.00020	.00758	-.00027	
Stddev	.00002	.00017	.00002	.00006	.00008	.00034	.00015	
%RSD	14.235	8.1456	13.385	4.0721	40.200	4.4732	54.435	
#1	.00016	.00217	.00014	-.00149	.00027	.00781	-.00019	
#2	.00019	.00188	.00018	-.00148	.00011	.00774	-.00018	
#3	.00014	.00218	.00014	-.00138	.00022	.00719	-.00044	

Sample Name: S0 Acquired: 3/3/2025 18:26:52 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	3641.1	79618.	14877.	2375.7	5306.5
Stddev	48.1	1035.	169.	29.5	72.7
%RSD	1.3204	1.2996	1.1342	1.2435	1.3705
#1	3621.9	79626.	14801.	2374.6	5278.9
#2	3605.5	78580.	14759.	2346.7	5251.6
#3	3695.8	80649.	15070.	2405.7	5389.0

Sample Name: S1 Acquired: 3/3/2025 18:31:17 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	.00083	.00237	.00185	.00116	.00626	.01049	.20534	.02090
Stddev	.00001	.00012	.00011	.00012	.00016	.00061	.00194	.00015
%RSD	.86203	4.8630	6.1553	9.9714	2.6271	5.8373	.94613	.73784
#1	.00083	.00231	.00183	.00103	.00630	.01038	.20339	.02072
#2	.00083	.00230	.00174	.00122	.00639	.01115	.20728	.02102
#3	.00082	.00251	.00197	.00123	.00607	.00994	.20535	.02095
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	.01260	.09719	.00156	.02262	.01222	.00036	.00835	.02556
Stddev	.00019	.00151	.00004	.00032	.00018	.00001	.00029	.00040
%RSD	1.5031	1.5582	2.6918	1.4279	1.4687	2.9244	3.4446	1.5752
#1	.01278	.09554	.00151	.02277	.01230	.00037	.00812	.02519
#2	.01261	.09851	.00159	.02284	.01236	.00037	.00868	.02599
#3	.01240	.09753	.00158	.02225	.01202	.00035	.00826	.02550
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	.02397	.00125	.03933	.00420	.09442	.01031	.02866	.12117
Stddev	.00028	.00007	.00056	.00017	.00073	.00015	.00048	.00128
%RSD	1.1803	5.6367	1.4130	4.1230	.76862	1.4632	1.6701	1.0597
#1	.02395	.00117	.03869	.00404	.09365	.01031	.02811	.12184
#2	.02426	.00126	.03964	.00438	.09450	.01016	.02889	.12199
#3	.02370	.00131	.03967	.00416	.09509	.01046	.02899	.11969
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	.00444	.01479	.00182	-.00088	.00053	.01957	.16291	
Stddev	.00010	.00018	.00003	.00012	.00008	.00064	.00280	
%RSD	2.3023	1.1907	1.7616	13.850	15.284	3.2719	1.7161	
#1	.00440	.01459	.00179	-.00077	.00053	.02017	.16010	
#2	.00456	.01484	.00185	-.00087	.00061	.01964	.16569	
#3	.00436	.01493	.00183	-.00101	.00045	.01890	.16293	

Sample Name: S1 Acquired: 3/3/2025 18:31:17 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	3656.5	80744.	14704.	2460.9	5223.5
Stddev	41.6	459.	161.	13.7	60.6
%RSD	1.1384	.56862	1.0979	.55537	1.1597
#1	3640.3	81239.	14890.	2466.4	5196.1
#2	3625.4	80661.	14612.	2471.0	5181.4
#3	3703.8	80332.	14610.	2445.4	5292.9

Sample Name: S2 Acquired: 3/3/2025 18:35:36 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	.04008	.05498	.16517	.04504	.10625	.16497	3.2844	.16092
Stddev	.00019	.00015	.00091	.00041	.00090	.00072	.0205	.00105
%RSD	.46559	.26500	.54929	.90619	.84392	.43761	.62541	.65496

#1	.03986	.05503	.16445	.04468	.10537	.16459	3.2926	.16066
#2	.04017	.05481	.16488	.04496	.10623	.16581	3.2996	.16208
#3	.04020	.05509	.16619	.04549	.10716	.16452	3.2610	.16002

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	.95783	.21868	.02806	.34679	.13494	.00358	.18803	.05404
Stddev	.00318	.00241	.00024	.00154	.00054	.00004	.00148	.00095
%RSD	.33206	1.1039	.83813	.44295	.39673	1.2166	.78495	1.7651

#1	.95543	.21837	.02795	.34579	.13437	.00354	.18871	.05382
#2	.95662	.22124	.02789	.34601	.13500	.00358	.18905	.05509
#3	.96144	.21644	.02832	.34856	.13544	.00363	.18634	.05322

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	.27596	.05174	.08828	.04895	1.0196	.02438	.24657	.54868
Stddev	.00111	.00059	.00055	.00031	.0068	.00042	.00074	.00276
%RSD	.40282	1.1347	.62003	.63831	.66993	1.7125	.29875	.50265

#1	.27512	.05154	.08791	.04875	1.0155	.02417	.24660	.54587
#2	.27553	.05127	.08801	.04931	1.0157	.02412	.24729	.54878
#3	.27722	.05240	.08891	.04878	1.0274	.02486	.24582	.55139

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	.09778	.29532	.00430	.02998	.01834	.56787	7.6999	
Stddev	.00027	.00270	.00006	.00009	.00012	.00325	.0534	
%RSD	.27351	.91362	1.3819	.30953	.64666	.57166	.69355	

#1	.09757	.29552	.00425	.02991	.01822	.56877	7.7144	
#2	.09770	.29792	.00430	.02996	.01846	.57056	7.7445	
#3	.09808	.29253	.00436	.03009	.01834	.56426	7.6407	

Sample Name: S2 Acquired: 3/3/2025 18:35:36 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	3626.0	79330.	14523.	2434.7	5080.8
Stddev	18.0	377.	133.	18.6	21.0
%RSD	.49519	.47470	.91413	.76255	.41330
#1	3641.1	79446.	14500.	2450.9	5096.7
#2	3630.8	79636.	14403.	2438.8	5088.7
#3	3606.2	78910.	14665.	2414.5	5057.0

Sample Name: S3 Acquired: 3/3/2025 18:39:39 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	.11164	.15312	.45941	.12469	.29378	.45502	9.1891	.42643
Stddev	.00087	.00043	.00356	.00073	.00234	.00089	.0179	.00237
%RSD	.77505	.28150	.77484	.58655	.79714	.19560	.19475	.55578

#1	.11181	.15272	.46123	.12496	.29525	.45542	9.1687	.42631
#2	.11071	.15358	.45531	.12387	.29108	.45400	9.1961	.42412
#3	.11241	.15305	.46170	.12526	.29502	.45565	9.2023	.42885

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	2.6685	.60758	.07678	.95997	.37801	.01012	.51313	.15012
Stddev	.0198	.00107	.00174	.00768	.00218	.00018	.00084	.00084
%RSD	.74249	.17546	2.2624	.79994	.57757	1.8087	.16412	.55747

#1	2.6838	.60864	.07848	.96580	.37897	.01029	.51224	.15105
#2	2.6461	.60651	.07500	.95127	.37551	.00992	.51325	.14941
#3	2.6755	.60758	.07686	.96283	.37954	.01013	.51391	.14990

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	.76433	.14129	.25029	.13680	2.7650	.07117	.65518	1.5060
Stddev	.00527	.00280	.00514	.00030	.0644	.00127	.00507	.0095
%RSD	.69008	1.9783	2.0549	.22067	2.3298	1.7864	.77358	.62762

#1	.76796	.14401	.25576	.13692	2.8248	.07240	.65207	1.5125
#2	.75828	.13842	.24556	.13703	2.6968	.06986	.65245	1.4952
#3	.76676	.14143	.24955	.13646	2.7735	.07126	.66103	1.5104

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	.27337	.81885	.01199	.08693	.05148	1.5511	21.565	
Stddev	.00205	.00118	.00021	.00063	.00032	.0020	.080	
%RSD	.75055	.14389	1.7929	.72097	.61874	.13088	.36952	

#1	.27460	.81967	.01221	.08755	.05155	1.5494	21.640	
#2	.27100	.81750	.01178	.08630	.05113	1.5505	21.573	
#3	.27451	.81939	.01197	.08695	.05176	1.5533	21.481	

Sample Name: S3 Acquired: 3/3/2025 18:39:39 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	3589.1	78586.	14917.	2379.0	4930.7
Stddev	19.9	1625.	29.	54.3	30.1
%RSD	.55551	2.0673	.19504	2.2837	.61045
#1	3572.7	76908.	14906.	2321.9	4905.2
#2	3611.3	80151.	14950.	2430.0	4963.9
#3	3583.3	78700.	14895.	2385.2	4922.9

Sample Name: S4 Acquired: 3/3/2025 18:43:46 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	.21992	.29622	.90083	.24531	.57763	.90431	17.978	.82806
Stddev	.00112	.00293	.00650	.00200	.00356	.00817	.044	.00560
%RSD	.51128	.98880	.72189	.81439	.61600	.90372	.24464	.67663
#1	.21894	.29284	.89743	.24326	.57391	.90100	17.992	.82443
#2	.22115	.29781	.90833	.24726	.58100	.89830	18.014	.82524
#3	.21966	.29802	.89673	.24540	.57798	.91361	17.929	.83451
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	5.2883	1.1947	.14879	1.8896	.70846	.01952	1.0044	.29829
Stddev	.0401	.0103	.00331	.0152	.00420	.00047	.0107	.00263
%RSD	.75922	.86289	2.2252	.80246	.59325	2.4238	1.0657	.88233
#1	5.2674	1.1894	.14810	1.8813	.70548	.01922	.99579	.29617
#2	5.3346	1.1880	.14587	1.9071	.71327	.01928	1.0011	.29747
#3	5.2629	1.2065	.15239	1.8804	.70664	.02007	1.0164	.30123
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	1.5025	.27615	.49274	.27106	5.3676	.14145	1.2976	2.9247
Stddev	.0117	.00538	.01201	.00247	.1055	.00346	.0076	.0141
%RSD	.78114	1.9479	2.4383	.91107	1.9655	2.4482	.58272	.48282
#1	1.4963	.27453	.48917	.26910	5.3374	.14040	1.2934	2.9111
#2	1.5161	.27176	.48292	.27024	5.2805	.13864	1.2932	2.9393
#3	1.4952	.28215	.50614	.27383	5.4849	.14532	1.3064	2.9236
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	.53973	1.6108	.02381	.17423	.10337	3.0972	42.036	
Stddev	.00416	.0160	.00057	.00119	.00097	.0356	.360	
%RSD	.77129	.99165	2.3903	.68562	.93980	1.1497	.85724	
#1	.53757	1.6036	.02358	.17336	.10234	3.0791	41.692	
#2	.54453	1.5998	.02340	.17560	.10428	3.0742	42.411	
#3	.53709	1.6292	.02446	.17374	.10350	3.1382	42.004	

Sample Name: S4 Acquired: 3/3/2025 18:43:46 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	3556.9	77799.	14711.	2338.5	4785.7
Stddev	12.9	1353.	50.	40.6	27.6
%RSD	.36214	1.7387	.33761	1.7343	.57659
#1	3566.1	78114.	14742.	2347.0	4799.1
#2	3542.2	78966.	14739.	2374.2	4753.9
#3	3562.5	76317.	14654.	2294.4	4804.0

Sample Name: S5 Acquired: 3/3/2025 18:47:57 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	.44854	.60044	1.8330	.49652	1.1713	1.9187	37.872	1.7408
Stddev	.00312	.00541	.0170	.00280	.0083	.0059	.545	.0080
%RSD	.69458	.90041	.92759	.56328	.71118	.30546	1.4384	.45959
#1	.44550	.59554	1.8170	.49364	1.1633	1.9119	37.264	1.7318
#2	.45172	.59954	1.8508	.49922	1.1799	1.9223	38.033	1.7472
#3	.44839	.60624	1.8311	.49670	1.1707	1.9218	38.317	1.7433
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	10.843	2.5005	.30591	3.8892	1.4151	.04056	2.1153	.63105
Stddev	.102	.0057	.00469	.0374	.0112	.00069	.0066	.00144
%RSD	.94496	.22834	1.5333	.96254	.79159	1.7087	.31282	.22849
#1	10.745	2.4947	.30447	3.8542	1.4035	.04024	2.1078	.63054
#2	10.949	2.5009	.31116	3.9286	1.4258	.04135	2.1178	.62993
#3	10.835	2.5061	.30212	3.8848	1.4160	.04009	2.1203	.63268
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	3.0662	.57705	1.0456	.57161	11.120	.30304	2.7244	5.8732
Stddev	.0277	.00952	.0173	.00241	.207	.00481	.0143	.0486
%RSD	.90460	1.6490	1.6543	.42233	1.8637	1.5871	.52517	.82677
#1	3.0410	.57262	1.0401	.56883	11.031	.30156	2.7080	5.8224
#2	3.0959	.58798	1.0649	.57285	11.357	.30842	2.7311	5.9192
#3	3.0618	.57056	1.0317	.57315	10.972	.29915	2.7341	5.8779
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	1.1018	3.4014	.05001	.36485	.21881	6.6803	86.002	
Stddev	.0093	.0122	.00076	.00266	.00133	.0292	.288	
%RSD	.84300	.35794	1.5133	.72979	.60703	.43764	.33441	
#1	1.0928	3.3875	.04961	.36183	.21734	6.6477	86.229	
#2	1.1114	3.4065	.05088	.36688	.21993	6.7043	85.679	
#3	1.1013	3.4102	.04953	.36582	.21915	6.6889	86.098	

Sample Name: S5 Acquired: 3/3/2025 18:47:57 Type: Cal
Method: NON EPA-6010-200.7(v2755) 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	3480.6	74561.	13966.	2228.2	4558.1
Stddev	28.7	980.	61.	35.7	42.7
%RSD	.82468	1.3139	.43945	1.6036	.93785
#1	3506.8	74884.	14022.	2244.0	4594.4
#2	3449.9	73460.	13977.	2187.3	4511.0
#3	3485.1	75337.	13900.	2253.3	4568.8

Sample Name: ICV01 Acquired: 3/3/2025 19:17:42 Type: Unk
Method: NON EPA-6010-200.7(v2756) 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	.9969750	1.018885	.9875285	.9944249	.9727720	2.466231	.5276005
Stddev	.0019205	.010698	.0017425	.0029147	.0043260	.063365	.0125211
%RSD	.1926297	1.049956	.1764468	.2931019	.4447065	2.569312	2.373224
#1	.9983538	1.017122	.9859907	.9915204	.9679016	2.393615	.5133402
#2	.9947815	1.030355	.9871739	.9944047	.9742462	2.510307	.5367950
#3	.9977897	1.009178	.9894211	.9973497	.9761682	2.494771	.5326663
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4849087	.4935883	9.692497	.5101941	.5024811	.5145152	9.591707
Stddev	.0091015	.0019963	.230528	.0143525	.0021890	.0011773	.201705
%RSD	1.876945	.4044441	2.378413	2.813141	.4356305	.2288244	2.102907
#1	.4754177	.4924705	9.431751	.5263873	.5011049	.5137796	9.823439
#2	.4935629	.4958930	9.869256	.5051519	.5050052	.5158731	9.496087
#3	.4857455	.4924012	9.776485	.4990431	.5013331	.5138930	9.455594
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5045369	5.756729	.5409303	.2471856	9.203069	.5102290	.9900575
Stddev	.0126326	.151142	.0033966	.0072054	.176454	.0149466	.0258182
%RSD	2.503807	2.625485	.6279141	2.914975	1.917338	2.929386	2.607751
#1	.4900264	5.599793	.5389793	.2552085	9.405383	.4931107	1.019284
#2	.5130834	5.901320	.5448523	.2450827	9.122836	.5206916	.980539
#3	.5105009	5.769073	.5389593	.2412656	9.080989	.5168846	.970349
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.168915	2.596522	2.432929	2.467737	2.521801	2.337998	2.386435
Stddev	.185835	.049187	.009313	.009120	.055149	.040757	.012235
%RSD	2.026792	1.894356	.3827756	.3695550	2.186875	1.743249	.5126972
#1	9.383100	2.546287	2.425845	2.462337	2.459022	2.384644	2.386772
#2	9.073152	2.644590	2.443477	2.478267	2.562437	2.320090	2.398499
#3	9.050493	2.598688	2.429464	2.462609	2.543944	2.309262	2.374035

Sample Name: ICV01 Acquired: 3/3/2025 19:17:42 Type: Unk
Method: NON EPA-6010-200.7(v2756) 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	2.437933	2.496380	2.554070
Stddev	.013101	.054251	.038655
%RSD	.5373644	2.173196	1.513460

#1	2.432975	2.434405	2.520365
#2	2.452788	2.535273	2.596264
#3	2.428034	2.519463	2.545581

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.128	80941.15	14817.93	2451.418	5129.366
Stddev	10.370	1918.01	308.69	58.631	20.928
%RSD	.2802711	2.369631	2.083250	2.391716	.4080120

#1	3708.546	78762.44	15161.82	2384.806	5146.602
#2	3688.544	81686.01	14564.78	2474.247	5106.078
#3	3703.295	82374.99	14727.18	2495.199	5135.418

Sample Name: LLICV01 Acquired: 3/3/2025 19:21:31 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212237	.0392289	.0116234	.0197489	.0485778	.1026075
Stddev	.0044660	.0014391	.0003611	.0015144	.0007783	.0024293
%RSD	21.04277	3.668373	3.106857	7.668198	1.602191	2.367552
#1	.0162549	.0383327	.0118094	.0214054	.0479577	.1049196
#2	.0249036	.0384652	.0112072	.0184354	.0483243	.1000759
#3	.0225125	.0408888	.0118537	.0194060	.0494512	.1028269
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909183	.0059397	.0058161	1.934762	.0095857	.0287174
Stddev	.0010057	.0001659	.0000697	.027300	.0003643	.0001898
%RSD	1.106175	2.792890	1.198293	1.411031	3.800889	.6609016
#1	.0916343	.0061216	.0058021	1.931379	.0095830	.0286488
#2	.0897685	.0057967	.0057545	1.909311	.0092227	.0285713
#3	.0913521	.0059007	.0058918	1.963596	.0099514	.0289319
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220430	.0965204	.0202253	1.934418	.0380592	.0094606
Stddev	.0007219	.0038788	.0004162	.028680	.0004217	.0004528
%RSD	3.275008	4.018587	2.057944	1.482628	1.108030	4.786606
#1	.0227640	.0927550	.0202429	1.956450	.0382158	.0098211
#2	.0213202	.0963030	.0198006	1.901989	.0375816	.0089523
#3	.0220448	.1005033	.0206325	1.944815	.0383803	.0096085
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792761	.0361703	.0402091	1.763723	.1083479	.2001871
Stddev	.022048	.0013628	.0005847	.009781	.0013999	.0005590
%RSD	1.229820	3.767815	1.454276	.5545589	1.292012	.2792118
#1	1.789491	.0377394	.0406123	1.774754	.1094594	.2002308
#2	1.772530	.0354887	.0395385	1.760309	.1067757	.1996076
#3	1.816260	.0352827	.0404767	1.756107	.1088084	.2007229

Sample Name: LLICV01 Acquired: 3/3/2025 19:21:31 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377041	.0373783	.3524824	.0174180	.0171440	F .0156160
Stddev	.0002519	.0004094	.0034244	.0010379	.0006463	.0013942
%RSD	.6680620	1.095257	.9715171	5.958844	3.770123	8.928255
#1	.0374305	.0369920	.3532232	.0182895	.0177237	.0161725
#2	.0379263	.0373356	.3487482	.0176947	.0164471	.0140295
#3	.0377556	.0378074	.3554758	.0162697	.0172613	.0166461

Elem	Sr4077
Units	ppm
Avg	.0189066
Stddev	.0002251
%RSD	1.190820
#1	.0188141
#2	.0187424
#3	.0191632

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3780.513	82489.08	15116.84	2490.803	5437.595
Stddev	15.385	972.99	199.86	28.590	25.639
%RSD	.4069680	1.179537	1.322099	1.147822	.4715068
#1	3774.336	81585.66	14970.49	2461.866	5431.803
#2	3798.027	83519.22	15344.55	2519.033	5465.635
#3	3769.176	82362.37	15035.47	2491.510	5415.348

Sample Name: ICB01 Acquired: 3/3/2025 19:25:48 Type: Unk
Method: NON EPA-6010-200.7(v2757) 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	-.000064	-.000036	-.001344	-.002651	-.001015	.0044420	.0003840
Stddev	.000853	.001003	.000501	.001449	.000452	.0028497	.0003805
%RSD	1332.301	2781.119	37.25785	54.68232	44.53567	64.15390	99.08257
#1	-.001046	-.000535	-.000827	-.004189	-.000640	.0070421	.0007861
#2	.000494	.001119	-.001379	-.002454	-.001517	.0048883	.0000295
#3	.000360	-.000692	-.001827	-.001310	-.000887	.0013954	.0003365
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000658	.0000271	.0013098	.0000594	.0000692	-.000095	.0008285
Stddev	.0000663	.0000541	.0063346	.0002488	.0000995	.000595	.0005376
%RSD	100.8378	199.7417	483.6384	419.1171	143.8357	624.9360	64.88302
#1	-.000009	.0000603	.0039181	.0002372	.0001824	.000221	.0005129
#2	.000117	.0000562	-.005913	.0001659	.0000292	-.000782	.0005235
#3	.000089	-.000035	.005924	-.000225	-.000004	.000275	.0014493
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000813	.0240386	.0000757	.0000467	-.035281	-.001096	.0000601
Stddev	.0001794	.0119597	.0001494	.0002919	.006111	.001385	.0002569
%RSD	220.7032	49.75191	197.4002	625.2399	17.32002	126.3568	427.5466
#1	.0001420	.0374479	.0002329	-.000174	-.040542	-.001262	.0000300
#2	-.000121	.0201935	-.000064	-.000063	-.036722	-.002391	-.000180
#3	.000222	.0144745	.000059	.000378	-.028578	.000364	.000331
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052145	.0059394	.0001893	.0002425	-.000101	-.001372	-.001429
Stddev	.003915	.0002250	.0001397	.0006140	.000923	.007690	.001852
%RSD	7.507183	3.788884	73.77717	253.1647	910.3528	560.3243	129.6204
#1	-.049239	.0057516	.0003151	-.000466	-.001160	.000896	-.003505
#2	-.056596	.0061888	.0002139	.000595	.000539	-.009941	.000054
#3	-.050598	.0058777	.0000390	.000599	.000317	.004928	-.000836

Sample Name: ICB01 Acquired: 3/3/2025 19:25:48 Type: Unk
Method: NON EPA-6010-200.7(v2757) 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	-.004492	-.003835	-.000034
Stddev	.001810	.000898	.000055
%RSD	40.29957	23.42543	160.3924

#1	-.006162	-.004676	-.000091
#2	-.002568	-.002889	-.000032
#3	-.004745	-.003940	.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.971	81375.28	15890.84	2449.310	5414.624
Stddev	7.712	2800.44	406.85	83.246	9.765
%RSD	.2063592	3.441395	2.560258	3.398769	.1803534

#1	3729.148	80862.87	16107.63	2430.480	5403.352
#2	3737.198	84396.54	15421.51	2540.358	5419.977
#3	3744.566	78866.42	16143.38	2377.091	5420.542

Sample Name: CRI01 Acquired: 3/3/2025 19:30:07 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187397	.0379426	.0115418	.0180174	.0484076	.0944659
Stddev	.0011474	.0007021	.0006872	.0002038	.0013105	.0006237
%RSD	6.122710	1.850545	5.953735	1.131362	2.707304	.6602890
#1	.0191755	.0371426	.0122605	.0182504	.0477909	.0950349
#2	.0196054	.0384566	.0108912	.0178720	.0475192	.0937990
#3	.0174383	.0382285	.0114738	.0179298	.0499127	.0945638
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876479	.0056134	.0056421	1.854387	.0095896	.0279166
Stddev	.0027854	.0000804	.0000192	.052296	.0004253	.0005560
%RSD	3.177922	1.431699	.3397573	2.820115	4.435277	1.991720
#1	.0901321	.0056793	.0056207	1.912197	.0091697	.0275258
#2	.0846366	.0055238	.0056477	1.810370	.0100201	.0276708
#3	.0881749	.0056369	.0056578	1.840594	.0095791	.0285531
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218330	.0908678	.0191312	1.843095	.0374406	.0098124
Stddev	.0001421	.0019491	.0007391	.027362	.0006126	.0001353
%RSD	.6510539	2.144936	3.863126	1.484585	1.636084	1.378343
#1	.0216722	.0887900	.0198450	1.874570	.0370461	.0098562
#2	.0218846	.0926555	.0183693	1.824977	.0371295	.0099203
#3	.0219420	.0911580	.0191794	1.829737	.0381463	.0096607
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.790046	.0360147	.0407144	1.736153	.0999927	.1946474
Stddev	.037303	.0006700	.0007679	.065107	.0022661	.0022650
%RSD	2.083932	1.860341	1.886151	3.750048	2.266303	1.163643
#1	1.758269	.0360259	.0400071	1.731795	.1018234	.1928092
#2	1.831118	.0353391	.0415312	1.803329	.0974582	.1939551
#3	1.780752	.0366790	.0406048	1.673335	.1006965	.1971777

Sample Name: CRI01 Acquired: 3/3/2025 19:30:07 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374498	.0359020	.3495252	.0151240	.0162639	F .0138662
Stddev	.0003182	.0011181	.0090434	.0009755	.0016745	.0007118
%RSD	.8497638	3.114437	2.587341	6.449853	10.29584	5.133355
#1	.0377141	.0364291	.3455385	.0151727	.0156961	.0136419
#2	.0370965	.0346177	.3598769	.0141251	.0149471	.0132936
#3	.0375387	.0366592	.3431601	.0160742	.0181484	.0146632

Elem	Sr4077
Units	ppm
Avg	.0181154
Stddev	.0003514
%RSD	1.940033
#1	.0184715
#2	.0177688
#3	.0181059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3825.470	82211.53	15778.55	2482.880	5450.193
Stddev	34.957	1674.94	329.68	50.424	55.144
%RSD	.9137985	2.037358	2.089401	2.030871	1.011776
#1	3853.870	83297.80	15435.85	2512.092	5497.485
#2	3836.113	80282.59	16093.44	2424.655	5463.473
#3	3786.429	83054.20	15806.38	2511.892	5389.622

Sample Name: ICSA01 Acquired: 3/3/2025 19:34:24 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015077	.0113541	.0021632	-.006376	-.001472	237.9240
Stddev	.0012746	.0011118	.0021884	.002731	.002324	2.5572
%RSD	84.53812	9.792525	101.1684	42.83826	157.8691	1.074804
#1	.0001318	.0107221	.0010359	-.004997	-.001069	237.2618
#2	.0026481	.0107023	.0046854	-.004609	.000624	240.7472
#3	.0017433	.0126379	.0007682	-.009521	-.003972	235.7631
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063148	.0013309	-.002674	227.6675	.0547439	.0014999
Stddev	.0006600	.0000300	.000094	1.8284	.0007024	.0001427
%RSD	10.45134	2.250489	3.512426	.8030820	1.282987	9.515238
#1	.0063899	.0013394	-.002761	226.9645	.0549089	.0016621
#2	.0056204	.0012976	-.002688	229.7430	.0539737	.0013939
#3	.0069339	.0013557	-.002574	226.2950	.0553490	.0014436
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001265	96.94112	.0049099	232.3084	.0028627	.0017685
Stddev	.000622	.62506	.0007868	2.2154	.0002565	.0002108
%RSD	49.15565	.6447850	16.02446	.9536579	8.958484	11.91896
#1	-.001883	97.58453	.0040690	230.8966	.0026413	.0017940
#2	-.001273	96.33619	.0050326	234.8618	.0028030	.0019654
#3	-.000639	96.90263	.0056282	231.1668	.0031437	.0015461
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097574	.0019827	.0028911	-.081946	F .1141711	.0005430
Stddev	.0050040	.0004530	.0001326	.014526	.0013755	.0006028
%RSD	51.28392	22.84602	4.586052	17.72607	1.204762	111.0159
#1	.0041902	.0018930	.0028517	-.087350	.1156874	.0001378
#2	.0112015	.0024737	.0027826	-.065492	.1138224	.0002555
#3	.0138806	.0015812	.0030389	-.092994	.1130035	.0012358

Sample Name: ICSA01 Acquired: 3/3/2025 19:34:24 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004459	-.002110	.0075354	-.002536	-.015699	.0009875
Stddev	.000188	.000938	.0060504	.000145	.000825	.0013170
%RSD	4.220460	44.45522	80.29220	5.702083	5.253151	133.3632
#1	-.004669	-.002974	.0119004	-.002371	-.016229	.0014624
#2	-.004402	-.002243	.0100770	-.002598	-.016119	-.000501
#3	-.004306	-.001112	.0006288	-.002640	-.014749	.002001

Elem	Sr4077
Units	ppm
Avg	F .0941605
Stddev	.0005699
%RSD	.6051939
#1	.0941286
#2	.0947456
#3	.0936073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.287	73829.81	14856.98	2283.340	4361.931
Stddev	19.472	702.89	43.53	22.922	28.671
%RSD	.5716414	.9520390	.2930196	1.003866	.6572923
#1	3411.265	73148.65	14870.70	2260.041	4369.729
#2	3422.787	74552.58	14808.23	2305.864	4385.897
#3	3384.810	73788.18	14891.99	2284.116	4330.168

Sample Name: ICSAB01 Acquired: 3/3/2025 19:38:39 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1089125	.1000000	.0503297	.0390428	.5885307	232.6246
Stddev	.0040454	.0006832	.0013733	.0044161	.0048348	1.9073
%RSD	3.714327	.6832050	2.728641	11.31103	.8215046	.8199030
#1	.1121932	.0994096	.0491393	.0424599	.5859494	230.6861
#2	.1101518	.0998421	.0518323	.0406122	.5855344	234.4991
#3	.1043924	.1007484	.0500176	.0340563	.5941083	232.6885
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4602060	.4742882	.9715383	222.5939	.5343119	.4934475
Stddev	.0034665	.0043738	.0088149	1.6622	.0053153	.0040611
%RSD	.7532572	.9221910	.9073105	.7467592	.9948036	.8229998
#1	.4576047	.4723720	.9661640	221.4419	.5402786	.4914140
#2	.4641413	.4792931	.9667395	224.4994	.5325746	.4908050
#3	.4588719	.4711995	.9817114	221.8403	.5300826	.4981236
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4783382	94.05089	.4619126	227.0546	.9750833	.2062639
Stddev	.0051738	.74328	.0028115	1.8268	.0087320	.0021082
%RSD	1.081629	.7902996	.6086619	.8045647	.8955079	1.022077
#1	.4754989	94.82480	.4611902	225.4198	.9700981	.2084964
#2	.4752056	93.98530	.4650148	229.0264	.9699860	.2059883
#3	.4843100	93.34258	.4595327	226.7176	.9851659	.2043071
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104891	.4513736	.9835515	-.086211	.9516305	.9335331
Stddev	.0105807	.0054558	.0068178	.026528	.0066897	.0071737
%RSD	100.8729	1.208706	.6931776	30.77041	.7029761	.7684417
#1	.0116328	.4488811	.9914240	-.063235	.9495290	.9294220
#2	-.000617	.4576304	.9796232	-.080156	.9591186	.9293609
#3	.020452	.4476091	.9796074	-.115243	.9462438	.9418165

Sample Name: ICSAB01 Acquired: 3/3/2025 19:38:39 Type: Unk
Method: NON EPA-6010-200.7(v2757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9386517	.8729641	F .8142856	F -.001435	F -.014273	F .0000771
Stddev	.0082187	.0091338	.0066848	.002967	.007156	.0005809
%RSD	.8755892	1.046298	.8209437	206.7228	50.13820	753.1369
#1	.9349815	.8657694	.8184834	-.001521	-.011691	.0000844
#2	.9329076	.8832400	.8177966	-.004358	-.022361	-.000507
#3	.9480660	.8698829	.8065768	.001574	-.008766	.000654

Elem	Sr4077
Units	ppm
Avg	F .0919541
Stddev	.0008420
%RSD	.9157222
#1	.0911740
#2	.0928468
#3	.0918414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.566	75041.90	15065.34	2294.643	4366.084
Stddev	25.070	720.13	134.52	18.422	33.481
%RSD	.7391801	.9596378	.8928837	.8028376	.7668412
#1	3404.975	74282.61	15116.91	2274.670	4384.404
#2	3407.079	75127.93	14912.68	2298.288	4386.407
#3	3362.643	75715.14	15166.45	2310.970	4327.441

Sample Name: ICSADLX20 Acquired: 3/3/2025 19:42:41 Type: Unk
Method: NON EPA-6010-200.7(v2757) 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	.0025132	.0010769	.0003054	-.001854	-.002225	11.62133	.0019377
Stddev	.0015817	.0012157	.0014798	.000860	.000495	.32196	.0011166
%RSD	62.93389	112.8940	484.5877	46.40612	22.23013	2.770443	57.62358
#1	.0006944	-.000130	.0001416	-.001125	-.002794	11.99278	.0030706
#2	.0035660	.001059	.0018603	-.002803	-.001986	11.44898	.0019043
#3	.0032793	.002301	-.001086	-.001634	-.001896	11.42223	.0008382
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001229	-.000184	11.61471	.0023533	.0001903	.0001600	4.622948
Stddev	.0000300	.000041	.33913	.0002323	.0000326	.0001827	.084378
%RSD	24.38783	22.41955	2.919794	9.872720	17.12582	114.1503	1.825197
#1	.0001397	-.000232	12.00520	.0025983	.0002183	.0003030	4.677743
#2	.0001407	-.000159	11.39401	.0023254	.0001981	.0002229	4.665321
#3	.0000883	-.000162	11.44494	.0021362	.0001545	-.000046	4.525782
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002607	11.30187	.0002111	-.000470	-.040124	.0005679	-.000140
Stddev	.0001852	.27056	.0001566	.000189	.006635	.0014647	.000058
%RSD	71.01935	2.393940	74.14865	40.11843	16.53686	257.9135	41.44862
#1	.0000573	11.61305	.0000458	-.000254	-.046934	.0022477	-.000077
#2	.0003055	11.12231	.0002305	-.000554	-.039761	-.000442	-.000151
#3	.0004194	11.17024	.0003571	-.000602	-.033678	-.000102	-.000192
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075903	.0083173	.0002290	-.001515	-.000012	-.000508	-.002628
Stddev	.010003	.0002884	.0000249	.000476	.000311	.001970	.001308
%RSD	13.17809	3.467499	10.87292	31.43167	2641.952	387.9457	49.76162
#1	-.086537	.0080959	.0002027	-.001025	.000153	.001400	-.001143
#2	-.066682	.0086434	.0002320	-.001976	.000183	-.002536	-.003608
#3	-.074491	.0082125	.0002522	-.001544	-.000371	-.000388	-.003131

Sample Name: ICSADLX20 Acquired: 3/3/2025 19:42:41 Type: Unk
Method: NON EPA-6010-200.7(v2757) 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	-.002818	-.004169	.0046726
Stddev	.002672	.000517	.0001048
%RSD	94.81008	12.39030	2.242512

#1	-.000311	-.004567	.0047925
#2	-.005628	-.004354	.0045984
#3	-.002514	-.003585	.0046270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.311	83905.94	15514.88	2530.002	5357.844
Stddev	11.379	1130.50	402.90	36.878	9.524
%RSD	.2980230	1.347341	2.596892	1.457645	.1777541

#1	3830.830	83239.09	15053.64	2502.597	5365.624
#2	3815.507	83267.51	15798.20	2515.479	5360.686
#3	3808.595	85211.23	15692.80	2571.931	5347.223

Sample Name: ICSABDLX20 Acquired: 3/3/2025 19:46:57 Type: Unk
Method: NON EPA-6010-200.7(v2757) 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	.0041818	.0046840	.0014924	.0012851	.0298991	11.71085	.0247083
Stddev	.0018845	.0010709	.0004374	.0007296	.0018665	.19157	.0010843
%RSD	45.06510	22.86341	29.30906	56.77311	6.242509	1.635829	4.388588
#1	.0058367	.0035155	.0019625	.0015977	.0281934	11.69944	.0257862
#2	.0045781	.0049177	.0014173	.0018062	.0296111	11.90786	.0247211
#3	.0021306	.0056188	.0010974	.0004513	.0318928	11.52524	.0236176
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253174	.0483429	11.65240	.0275752	.0247206	.0251731	4.659389
Stddev	.0002835	.0006953	.15306	.0007147	.0002791	.0005178	.154154
%RSD	1.119947	1.438249	1.313572	2.591629	1.129196	2.056954	3.308457
#1	.0254776	.0475487	11.67349	.0277938	.0243983	.0245783	4.751578
#2	.0254847	.0488421	11.79383	.0281549	.0248824	.0254178	4.745163
#3	.0249900	.0486378	11.48989	.0267767	.0248812	.0255233	4.481426
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244200	11.35586	.0493159	.0099334	-.037425	.0228789	.0498372
Stddev	.0003911	.17746	.0008766	.0003695	.004727	.0015763	.0019762
%RSD	1.601385	1.562732	1.777530	3.719580	12.62975	6.889683	3.965373
#1	.0248634	11.37784	.0483047	.0102374	-.033050	.0244789	.0516819
#2	.0241241	11.52130	.0498615	.0100406	-.036787	.0213274	.0500781
#3	.0242726	11.16843	.0497814	.0095222	-.042439	.0228304	.0477515
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.063220	.0071110	.0002005	-.000777	-.000051	-.000330	-.002114
Stddev	.014117	.0006032	.0000548	.000585	.000526	.002817	.001520
%RSD	22.32966	8.482609	27.34830	75.28597	1034.882	854.9141	71.91030
#1	-.058967	.0068121	.0002292	-.001444	-.000647	.002854	-.002409
#2	-.051718	.0078052	.0002350	-.000348	.000144	-.002501	-.000468
#3	-.078974	.0067156	.0001373	-.000540	.000350	-.001341	-.003466

Sample Name: ICSABDLX20 Acquired: 3/3/2025 19:46:57 Type: Unk
Method: NON EPA-6010-200.7(v2757) 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	-.001533	-.004787	.0046750
Stddev	.004062	.000970	.0000921
%RSD	264.9817	20.26213	1.969353
#1	-.006008	-.004473	.0046510
#2	-.000516	-.004012	.0047767
#3	.001924	-.005874	.0045973

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3825.262	83288.08	15416.71	2532.729	5364.445
Stddev	44.042	2676.81	210.39	73.996	62.543
%RSD	1.151339	3.213922	1.364686	2.921587	1.165889
#1	3875.990	81523.06	15313.23	2483.321	5434.291
#2	3796.781	81973.12	15278.11	2497.064	5313.619
#3	3803.015	86368.06	15658.80	2617.803	5345.426

Sample Name: CCV01 Acquired: 3/3/2025 19:57:02 Type: Unk
Method: NON EPA-6010-200.7(v2758) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.178367	4.820370	4.765871	5.245176	4.698367	9.298023	9.565118
Stddev	.080346	.069911	.068926	.061084	.068644	.387550	.271700
%RSD	1.551566	1.450326	1.446239	1.164584	1.461023	4.168094	2.840531
#1	5.086869	4.741857	4.689057	5.176997	4.620895	9.093621	9.406478
#2	5.210826	4.875884	4.786236	5.263611	4.722588	9.744985	9.878843
#3	5.237404	4.843368	4.822320	5.294919	4.751617	9.055463	9.410031
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2390725	2.380813	23.56700	.9571518	2.379303	1.192822	4.834160
Stddev	.0088821	.032339	.91415	.0116048	.033275	.014370	.086249
%RSD	3.715225	1.358337	3.878939	1.212428	1.398521	1.204719	1.784151
#1	.2324734	2.344606	23.02653	.9443911	2.341758	1.176588	4.768970
#2	.2491714	2.391001	24.62246	.9670740	2.391004	1.197968	4.931959
#3	.2355728	2.406831	23.05200	.9599903	2.405147	1.203912	4.801552
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.364561	23.87573	2.494900	1.188434	23.12819	2.365252	2.393432
Stddev	.094215	.95223	.038871	.013807	.31241	.093282	.029487
%RSD	3.984454	3.988294	1.558021	1.161800	1.350784	3.943842	1.232002
#1	2.313973	23.33202	2.450838	1.173440	22.92120	2.311535	2.360755
#2	2.473264	24.97525	2.509523	1.200624	23.48755	2.472964	2.418055
#3	2.306447	23.31991	2.524339	1.191238	22.97582	2.311256	2.401485
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.12604	4.737508	4.788963	4.772658	4.720637	4.607048	4.790591
Stddev	.24042	.176120	.062215	.066995	.184018	.065549	.060756
%RSD	1.039617	3.717576	1.299130	1.403735	3.898169	1.422803	1.268238
#1	22.98482	4.611629	4.719188	4.697252	4.618974	4.545331	4.722196
#2	23.40364	4.938775	4.809039	4.795401	4.933059	4.675853	4.811267
#3	22.98966	4.662121	4.838660	4.825321	4.609879	4.599960	4.838311

Sample Name: CCV01 Acquired: 3/3/2025 19:57:02 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	4.681238	4.645955	4.779262
Stddev	.068302	.182757	.153863
%RSD	1.459050	3.933670	3.219398

#1	4.604929	4.543050	4.713969
#2	4.702136	4.856963	4.955006
#3	4.736649	4.537853	4.668813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.646	82054.79	15241.56	2500.711	5060.598
Stddev	45.068	731.36	488.87	21.725	66.017
%RSD	1.193335	.8913128	3.207508	.8687581	1.304527

#1	3826.194	82877.09	15591.55	2525.785	5133.913
#2	3765.653	81477.03	14682.99	2487.509	5042.022
#3	3738.092	81810.26	15450.15	2488.838	5005.860

Sample Name: CCB01 Acquired: 3/3/2025 20:01:13 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	-.000154	.0000581	-.001545	-.009160	.0000281	.0001611	.0009449
Stddev	.002855	.0018487	.000257	.000718	.0009146	.0025161	.0002426
%RSD	1851.926	3184.471	16.65363	7.835352	3258.022	1562.236	25.67330
#1	.002597	.0008161	-.001831	-.008946	-.000948	.0030589	.0007976
#2	-.003102	.0014073	-.001469	-.009960	.000866	-.001468	.0012249
#3	.000043	-.002049	-.001334	-.008574	.000166	-.001107	.0008123
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000104	-.000002	.0047445	-.000307	.0002051	.0001679	.0051246
Stddev	.0000126	.000050	.0098754	.000464	.0001445	.0004158	.0067979
%RSD	120.7231	2156.291	208.1454	151.1410	70.49015	247.6211	132.6513
#1	.0000118	.000055	.0049135	-.000029	.0000408	.0002478	-.002606
#2	-.000003	-.000027	.0145342	-.000843	.0002612	-.000282	.007811
#3	.000022	-.000035	-.005214	-.000049	.0003130	.000538	.010169
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000420	.0114656	.0003871	.0025107	-.035110	-.000367	.0088630
Stddev	.000296	.0100265	.0002790	.0002303	.010700	.001679	.0001835
%RSD	70.42024	87.44879	72.05950	9.173054	30.47641	457.3077	2.070432
#1	-.000081	.0120548	.0007093	.0022449	-.046715	-.001354	.0087545
#2	-.000628	.0011575	.0002240	.0026373	-.032981	.001572	.0087597
#3	-.000551	.0211845	.0002282	.0026500	-.025634	-.001320	.0090749
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074182	.0119100	.0004681	-.000207	.0003568	-.009622	-.002760
Stddev	.031560	.0009670	.0000615	.000467	.0002055	.010901	.001937
%RSD	42.54354	8.119155	13.14284	226.0377	57.60105	113.2862	70.16769
#1	-.101630	.0114721	.0005390	-.000660	.0003487	-.012837	-.003266
#2	-.081217	.0130185	.0004288	-.000233	.0001555	-.018554	-.004394
#3	-.039698	.0112394	.0004365	.000273	.0005663	.002524	-.000621

Sample Name: CCB01 Acquired: 3/3/2025 20:01:13 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	-.002285	-.003094	.0000230
Stddev	.002315	.000330	.0000140
%RSD	101.3091	10.65791	60.83285

#1	-.002231	-.002930	.0000112
#2	.000003	-.003474	.0000194
#3	-.004626	-.002879	.0000384

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3853.488	82275.98	15535.13	2500.427	5574.354
Stddev	27.682	1678.36	22.39	53.909	31.568
%RSD	.7183661	2.039920	.1441389	2.155973	.5663163

#1	3826.508	81735.80	15558.22	2492.473	5542.033
#2	3881.823	84157.92	15513.50	2557.871	5605.112
#3	3852.133	80934.22	15533.66	2450.937	5575.918

Sample Name: Q1420-04 Acquired: 3/3/2025 20:05:33 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	.0026604	-.004216	.0521762	-.011916	.0010555	.1128740	.6640291
Stddev	.0030800	.000695	.0012041	.002526	.0008260	.0047861	.0159822
%RSD	115.7706	16.49066	2.307778	21.19830	78.25259	4.240238	2.406853
#1	.0020962	-.003414	.0507890	-.011015	.0006268	.1083885	.6685920
#2	.0059835	-.004579	.0527883	-.009964	.0005321	.1123209	.6462617
#3	-.000098	-.004655	.0529514	-.014769	.0020077	.1179127	.6772337
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002244	-.000005	40.37549	.0008046	.0119458	.0568658	6.129556
Stddev	.0000045	.000089	1.05025	.0003291	.0001230	.0004029	.118418
%RSD	2.012095	1670.432	2.601205	40.90475	1.029482	.7084551	1.931920
#1	.0002273	-.000096	40.58847	.0010922	.0119829	.0571929	6.214942
#2	.0002192	-.000003	39.23508	.0008761	.0120459	.0569886	6.179355
#3	.0002267	.000083	41.30293	.0004456	.0118085	.0564158	5.994371
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.810310	4.251283	.0068317	.0016649	366.4644	-.000066	.1682877
Stddev	.044430	.088921	.0003671	.0002298	3.2550	.001503	.0033862
%RSD	2.454279	2.091624	5.373410	13.80469	.8882256	2284.980	2.012154
#1	1.824610	4.273157	.0067939	.0019259	369.1902	-.001789	.1716448
#2	1.760491	4.153467	.0072163	.0015760	367.3426	.000978	.1683453
#3	1.845830	4.327227	.0064851	.0014927	362.8603	.000613	.1648731
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.626798	.0475697	.0004915	-.001423	-.000015	.9093759	.0111887
Stddev	.030573	.0006002	.0001327	.000515	.000595	.0146557	.0008567
%RSD	1.879321	1.261732	26.99932	36.20878	4062.477	1.611623	7.656851
#1	1.658771	.0479341	.0006121	-.001620	-.000654	.9262236	.0113256
#2	1.597850	.0468769	.0005131	-.001811	.000088	.9023332	.0119687
#3	1.623772	.0478980	.0003494	-.000838	.000522	.8995710	.0102718

Sample Name: Q1420-04 Acquired: 3/3/2025 20:05:33 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	.5336281	-.009384	.1766188
Stddev	.0066554	.000558	.0039886
%RSD	1.247197	5.942133	2.258305
#1	.5377835	-.009268	.1777882
#2	.5371490	-.009990	.1721762
#3	.5259519	-.008893	.1798919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3558.277	78078.70	15315.53	2358.461	4689.806
Stddev	7.779	1168.25	370.35	32.133	6.873
%RSD	.2186270	1.496253	2.418146	1.362460	.1465497
#1	3552.028	77018.58	15218.52	2328.810	4681.871
#2	3555.815	77886.32	15724.72	2353.968	4693.830
#3	3566.990	79331.21	15003.33	2392.604	4693.719

Sample Name: Q1420-08 Acquired: 3/3/2025 20:09:58 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	-.006296	-.004476	.0047844	-.013434	-.001241	.0234870	.4272235
Stddev	.002436	.000315	.0012955	.001785	.001374	.0020281	.0022653
%RSD	38.70073	7.047616	27.07779	13.28760	110.6612	8.635102	.5302302
#1	-.006821	-.004801	.0046308	-.015480	-.001649	.0239399	.4289365
#2	-.003639	-.004171	.0061499	-.012627	.000290	.0212707	.4246551
#3	-.008427	-.004457	.0035726	-.012195	-.002365	.0252504	.4280788
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	.0003001	71.43527	.0004648	.0042201	.0159277	.0188911
Stddev	.000026	.0000208	.26021	.0001034	.0003153	.0003895	.0019425
%RSD	37.76478	6.912717	.3642610	22.25744	7.472322	2.445682	10.28235
#1	-.000081	.0003092	71.72799	.0005648	.0042590	.0160035	.0181779
#2	-.000038	.0003148	71.23019	.0003582	.0038871	.0155058	.0174062
#3	-.000084	.0002764	71.34763	.0004713	.0045142	.0162737	.0210894
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9977638	6.516169	.0039993	.0025454	382.5752	-.001177	.0853722
Stddev	.0026713	.062380	.0004627	.0004274	6.8403	.001228	.0019064
%RSD	.2677250	.9573174	11.56882	16.78962	1.787969	104.3336	2.233005
#1	1.000395	6.572476	.0044700	.0020839	379.0887	-.002287	.0849303
#2	.995054	6.449112	.0039826	.0029276	378.1806	.000142	.0837255
#3	.997843	6.526918	.0035451	.0026246	390.4563	-.001386	.0874607
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.645184	.0260233	.0008251	-.002617	-.001731	.8468992	.0211674
Stddev	.025738	.0003128	.0003136	.000108	.000352	.0187588	.0023354
%RSD	1.564438	1.201914	38.00419	4.109336	20.31565	2.215001	11.03299
#1	1.627222	.0256638	.0008894	-.002711	-.002072	.8354490	.0200646
#2	1.633659	.0261735	.0004844	-.002500	-.001752	.8367007	.0195877
#3	1.674670	.0262327	.0011016	-.002639	-.001369	.8685480	.0238500

Sample Name: Q1420-08 Acquired: 3/3/2025 20:09:58 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	.6661617	-.016905	.2222971
Stddev	.0038397	.000158	.0011476
%RSD	.5763949	.9372368	.5162590

#1	.6617404	-.016835	.2232105
#2	.6686603	-.016793	.2210089
#3	.6680842	-.017086	.2226719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.985	76808.17	15798.20	2323.352	4648.737
Stddev	16.797	1489.95	63.05	33.549	27.070
%RSD	.4751725	1.939834	.3990943	1.443984	.5823176

#1	3540.116	76793.83	15726.43	2330.139	4652.050
#2	3548.618	78305.24	15823.49	2352.989	4673.998
#3	3516.220	75325.45	15844.67	2286.929	4620.163

Sample Name: Q1442-01 Acquired: 3/3/2025 20:14:22 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	-.006723	-.002632	-.000115	-.010604	.0015679	.0400165	.2861040
Stddev	.003356	.000822	.000783	.001069	.0004823	.0062857	.0096249
%RSD	49.91855	31.24583	681.7249	10.08401	30.76016	15.70763	3.364111
#1	-.005900	-.002598	-.000990	-.009428	.0015794	.0461801	.2928219
#2	-.003855	-.001827	.000520	-.010865	.0010800	.0402539	.2904126
#3	-.010414	-.003471	.000126	-.011518	.0020444	.0336156	.2750776
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000122	.0000231	11.41671	.0016032	-.000056	.0008100	.2971757
Stddev	.000009	.0000177	.35780	.0003898	.000113	.0002798	.0078797
%RSD	7.391419	76.92761	3.133987	24.31452	201.9711	34.54547	2.651539
#1	-.000119	.0000410	11.70503	.0012300	-.000160	.0011312	.2989156
#2	-.000114	.0000227	11.52882	.0015719	-.000073	.0006801	.3040401
#3	-.000131	.0000055	11.01628	.0020078	.000065	.0006188	.2885715
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143081	.2907632	.0043856	.0025696	310.4218	-.000022	1.822281
Stddev	.0005755	.0086179	.0001386	.0003526	2.6936	.001430	.031135
%RSD	4.022208	2.963884	3.161335	13.72131	.8677293	6407.638	1.708591
#1	.0142767	.2994538	.0045379	.0029672	307.7083	-.001638	1.791790
#2	.0148987	.2822199	.0043523	.0022949	313.0951	.000490	1.854023
#3	.0137490	.2906159	.0042667	.0024469	310.4621	.001081	1.821031
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8340814	.1379105	.0023409	-.000247	-.000138	.1857401	.1674151
Stddev	.0444210	.0040710	.0001504	.000418	.000946	.0059305	.0026709
%RSD	5.325735	2.951882	6.424254	169.0853	686.1711	3.192887	1.595377
#1	.7828581	.1409980	.0023270	-.000723	.000953	.1796788	.1643398
#2	.8573793	.1394366	.0024978	.000065	-.000644	.1915304	.1687507
#3	.8620068	.1332971	.0021980	-.000084	-.000723	.1860111	.1691547

Sample Name: Q1442-01 Acquired: 3/3/2025 20:14:22 Type: Unk
 Method: NON EPA-6010-200.7(v2758) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.091311	-.008400	.0123129
Stddev	.022812	.000451	.0004033
%RSD	.7379500	5.372594	3.275259
#1	3.065942	-.007884	.0126292
#2	3.110135	-.008722	.0124508
#3	3.097857	-.008594	.0118588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3721.269	82561.52	16264.70	2486.412	4981.060
Stddev	27.822	1165.59	401.68	30.590	36.456
%RSD	.7476365	1.411779	2.469623	1.230270	.7319023
#1	3750.043	83831.16	15936.30	2512.780	5019.943
#2	3694.509	81539.92	16145.25	2452.874	4947.649
#3	3719.253	82313.48	16712.56	2493.583	4975.586

Sample Name: Q1442-02 Acquired: 3/3/2025 20:18:47 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	.0073105	-.002869	-.000777	-.009247	-.000110	.0196151	.4408127
Stddev	.0028165	.001220	.001599	.003112	.001335	.0017641	.0061888
%RSD	38.52683	42.54029	205.6558	33.65378	1210.943	8.993359	1.403943
#1	.0103752	-.003675	-.000648	-.005696	-.001235	.0181668	.4388651
#2	.0067208	-.001465	-.002437	-.011497	-.000460	.0215797	.4477409
#3	.0048355	-.003467	.000753	-.010549	.001365	.0190988	.4358319
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0012971	15.57480	.0000442	.0017680	.0079119	.1993767
Stddev	.000035	.0000221	.23491	.0003178	.0001392	.0002383	.0122753
%RSD	159.5489	1.705135	1.508246	719.7345	7.874499	3.011969	6.156853
#1	-.000059	.0012751	15.44904	.0004107	.0018905	.0081146	.2114650
#2	-.000016	.0012967	15.84581	-.000126	.0016166	.0079719	.1997425
#3	.000010	.0013194	15.42955	-.000152	.0017970	.0076494	.1869225
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1356569	2.923208	.0102222	.0025630	301.3629	-.000783	1.547937
Stddev	.0028668	.059549	.0004555	.0004663	14.3083	.002652	.088387
%RSD	2.113242	2.037101	4.455603	18.19214	4.747848	338.8728	5.709995
#1	.1338731	2.877240	.0098075	.0028237	298.9392	.001244	1.544970
#2	.1389637	2.990478	.0107096	.0020247	316.7282	.000193	1.637771
#3	.1341338	2.901907	.0101494	.0028406	288.4213	-.003784	1.461071
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.751607	.3306802	.0003283	-.000520	-.000472	3.582085	.0416776
Stddev	.331997	.0080821	.0001532	.000380	.000370	.150657	.0016942
%RSD	4.282945	2.444087	46.66419	72.98839	78.35228	4.205837	4.064960
#1	7.783840	.3268173	.0004822	-.000399	-.000338	3.590393	.0431866
#2	8.066312	.3399689	.0003269	-.000216	-.000188	3.728415	.0398450
#3	7.404669	.3252544	.0001758	-.000946	-.000890	3.427446	.0420014

Sample Name: Q1442-02 Acquired: 3/3/2025 20:18:47 Type: Unk
Method: NON EPA-6010-200.7(v2758) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.118036	-.004398	.1656312
Stddev	.037823	.000726	.0024443
%RSD	1.785746	16.50404	1.475726
#1	2.131215	-.004252	.1647420
#2	2.147505	-.003756	.1683956
#3	2.075386	-.005185	.1637561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4103.554	85891.18	16679.34	2648.227	5461.849
Stddev	75.759	3745.07	253.05	110.336	99.863
%RSD	1.846182	4.360252	1.517131	4.166422	1.828380
#1	4078.133	85855.90	16888.27	2649.254	5436.001
#2	4043.775	82163.86	16397.97	2537.381	5377.451
#3	4188.755	89653.76	16751.78	2758.047	5572.095

Sample Name: Q1443-01 Acquired: 3/3/2025 20:23:09 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	-.004062	-.002233	.0019335	-.009043	-.000049	.0135924	.4308548
Stddev	.000504	.000220	.0008687	.004685	.000541	.0035144	.0024009
%RSD	12.40799	9.859851	44.92754	51.81126	1092.217	25.85542	.5572339
#1	-.004562	-.002129	.0011561	-.010852	-.000640	.0168082	.4282936
#2	-.003554	-.002085	.0028711	-.003723	.000071	.0141278	.4312165
#3	-.004068	-.002486	.0017732	-.012554	.000421	.0098410	.4330543
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000099	.0003105	1.012211	.0004071	.0003569	.0103446	.0648539
Stddev	.000031	.0000418	.004093	.0003573	.0000536	.0001045	.0053831
%RSD	31.52773	13.44739	.4043565	87.78959	15.02658	1.009843	8.300263
#1	-.000072	.0002819	1.013110	-.000002	.0002951	.0104523	.0586680
#2	-.000091	.0002912	1.007743	.000563	.0003840	.0103378	.0674194
#3	-.000133	.0003584	1.015780	.000660	.0003916	.0102437	.0684743
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111162	.1508132	.0070964	.0025067	265.7115	-.000646	.5793207
Stddev	.0001284	.0209897	.0001684	.0003913	1.0637	.000349	.0179300
%RSD	1.155421	13.91766	2.372868	15.60886	.4003036	54.03329	3.095013
#1	.0110581	.1711852	.0071059	.0021796	266.8887	-.000971	.5868132
#2	.0110271	.1292561	.0072599	.0029401	264.8196	-.000691	.5588597
#3	.0112634	.1519983	.0069235	.0024003	265.4261	-.000277	.5922892
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5889307	.1442490	.0003134	.0000744	-.000047	.0399886	.0458171
Stddev	.0093140	.0009514	.0002600	.0007068	.000532	.0047387	.0007514
%RSD	1.581506	.6595545	82.97018	950.4480	1123.362	11.85020	1.639991
#1	.5850135	.1436110	.0006114	.0008850	-.000646	.0396942	.0462503
#2	.5822151	.1437935	.0001960	-.000413	.000370	.0354040	.0462515
#3	.5995635	.1453425	.0001328	-.000249	.000134	.0448677	.0449494

Sample Name: Q1443-01 Acquired: 3/3/2025 20:23:09 Type: Unk
Method: NON EPA-6010-200.7(v2758) 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	.7243130	-.006021	.0081551
Stddev	.0013415	.000331	.0000546
%RSD	.1852094	5.491574	.6690694
#1	.7257623	-.006401	.0081134
#2	.7231148	-.005795	.0081350
#3	.7240619	-.005867	.0082168

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4068.500	88753.57	16582.36	2703.634	5463.478
Stddev	14.108	2080.09	91.77	61.238	18.292
%RSD	.3467539	2.343670	.5534027	2.265031	.3348022
#1	4052.390	87569.87	16586.69	2676.996	5442.917
#2	4078.649	91155.37	16488.50	2773.680	5469.571
#3	4074.460	87535.46	16671.88	2660.226	5477.945

Sample Name: Q1447-02 Acquired: 3/3/2025 20:27:16 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.002380	-.004524	.0745000	.0022468	.0004108	.0297077	.4746657
Stddev	.000926	.001519	.0021854	.0030995	.0013224	.0067401	.0048754
%RSD	38.93175	33.57067	2.933414	137.9546	321.9349	22.68805	1.027125
#1	-.003382	-.005945	.0770233	.0043121	.0005888	.0220725	.4731842
#2	-.002201	-.002924	.0732666	-.001317	-.000992	.0322190	.4707029
#3	-.001555	-.004702	.0732102	.003745	.001635	.0348316	.4801100
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001513	.0014060	22.87374	.0005333	.0006459	.0116077	.0466596
Stddev	.0000257	.0000482	.28544	.0001940	.0001652	.0001912	.0014398
%RSD	17.00406	3.428098	1.247905	36.37845	25.57322	1.647557	3.085865
#1	.0001246	.0013583	22.76090	.0006995	.0006238	.0115564	.0478214
#2	.0001534	.0014547	22.66197	.0005803	.0004928	.0114473	.0450488
#3	.0001759	.0014052	23.19835	.0003201	.0008210	.0118193	.0471088
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6774501	4.142086	.0060916	-.000356	262.7762	-.000615	.2734494
Stddev	.0084142	.069535	.0001523	.000066	2.3043	.000195	.0051870
%RSD	1.242044	1.678751	2.500601	18.54556	.8768972	31.74085	1.896892
#1	.6736712	4.145763	.0061653	-.000363	264.3908	-.000392	.2794250
#2	.6715879	4.070785	.0059164	-.000418	263.8005	-.000752	.2708144
#3	.6870913	4.209710	.0061930	-.000287	260.1374	-.000702	.2701088
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.785581	.1136312	.0002643	-.000512	-.000528	1.543666	.0141317
Stddev	.053747	.0023619	.0000605	.000097	.000204	.038810	.0016776
%RSD	3.010067	2.078603	22.88159	18.98523	38.53610	2.514155	11.87130
#1	1.840870	.1130314	.0002069	-.000511	-.000761	1.586065	.0136540
#2	1.782351	.1116270	.0003275	-.000609	-.000440	1.535035	.0127448
#3	1.733522	.1162353	.0002586	-.000414	-.000384	1.509898	.0159964

Sample Name: Q1447-02 Acquired: 3/3/2025 20:27:16 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.9730137	-.009023	.1108491
Stddev	.0050428	.000649	.0011383
%RSD	.5182630	7.197056	1.026902
#1	.9770020	-.008911	.1103127
#2	.9673454	-.008436	.1100782
#3	.9746938	-.009720	.1121566

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4136.607	88067.64	17424.29	2673.255	5483.477
Stddev	13.329	1447.25	260.07	39.075	18.707
%RSD	.3222311	1.643336	1.492547	1.461712	.3411534
#1	4121.353	86491.42	17598.64	2630.709	5463.003
#2	4146.009	88374.96	17548.87	2681.519	5499.678
#3	4142.459	89336.54	17125.37	2707.538	5487.750

Sample Name: PB166879TB Acquired: 3/3/2025 20:55:29 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.000730	-.003578	-.001329	.0004354	-.000054	.0041642
Stddev	.001210	.001373	.000704	.0016991	.000178	.0017498
%RSD	165.6546	38.38100	52.95608	390.2568	329.2362	42.02014
#1	-.000856	-.003704	-.000688	.0013485	.000076	.0056701
#2	-.001873	-.004883	-.001217	.0014826	.000019	.0045778
#3	.000537	-.002145	-.002082	-.001525	-.000257	.0022446
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000177	-.000100	-.000081	-.002240	.0010151	-.000041
Stddev	.000181	.000009	.000032	.001193	.0002650	.000200
%RSD	102.4288	9.086799	39.44255	53.25511	26.10577	489.8207
#1	-.000002	-.000101	-.000086	-.003393	.0009476	-.000186
#2	-.000364	-.000109	-.000111	-.002315	.0007904	-.000123
#3	-.000166	-.000091	-.000047	-.001011	.0013073	.000187
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005397	.0028240	.0022378	.0041044	.0022655	-.000315
Stddev	.0003904	.0024611	.0001656	.0021964	.0001927	.000181
%RSD	72.34932	87.14835	7.399493	53.51177	8.505058	57.67116
#1	.0000917	.0053656	.0021445	.0065503	.0024825	-.000177
#2	.0007197	.0026543	.0021400	.0034623	.0021143	-.000520
#3	.0008076	.0004522	.0024290	.0023007	.0021998	-.000247
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 291.4568	-.001149	-.000873	-.055504	.0007227	.0002942
Stddev	7.7434	.001098	.000219	.023029	.0005869	.0001159
%RSD	2.656777	95.57868	25.08544	41.49036	81.19830	39.39017
#1	295.2782	-.000197	-.000807	-.055330	.0000878	.0001674
#2	282.5456	-.000899	-.000695	-.032563	.0012452	.0003207
#3	296.5466	-.002351	-.001118	-.078620	.0008353	.0003945

Sample Name: PB166879TB Acquired: 3/3/2025 20:55:29 Type: Unk
 Method: NON EPA-6010-200.7(v2750) 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	.0000059	.0003378	.0039019	.0012065	F .0187325	-.007435
Stddev	.0006920	.0006822	.0125310	.0023795	.0000535	.000750
%RSD	11802.72	201.9394	321.1528	197.2188	.2853624	10.09374
#1	.0004345	-.000424	-.003704	-.000317	.0187298	-.007030
#2	.0003756	.000544	.018365	.003949	.0187872	-.008301
#3	-.000793	.000893	-.002956	-.000012	.0186804	-.006974

Elem	Sr4077
Units	ppm
Avg	-.000057
Stddev	.000035
%RSD	62.27848
#1	-.000076
#2	-.000016
#3	-.000078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4078.210	87128.26	17019.05	2686.353	5427.365
Stddev	20.923	614.77	175.58	6.037	28.589
%RSD	.5130554	.7055884	1.031643	.2247394	.5267516
#1	4055.701	87133.45	16979.43	2682.920	5398.466
#2	4097.066	87740.42	16866.67	2693.324	5455.633
#3	4081.863	86510.91	17211.05	2682.815	5427.996

Sample Name: CCV02 Acquired: 3/3/2025 21:12:05 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	5.328114	5.294954	5.299967	5.362505	5.341836	10.29425	10.31117
Stddev	.026674	.039160	.016420	.028271	.031219	.04890	.19790
%RSD	.5006239	.7395738	.3098178	.5271964	.5844234	.4750369	1.919261
#1	5.304892	5.255528	5.286400	5.333053	5.310599	10.32914	10.52092
#2	5.322203	5.333842	5.295279	5.365039	5.341874	10.31525	10.12777
#3	5.357248	5.295493	5.318221	5.389424	5.373036	10.23835	10.28483
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2544448	2.635701	25.95148	1.047486	2.627349	1.327711	5.291206
Stddev	.0034085	.006576	.17479	.028173	.006533	.003676	.124364
%RSD	1.339577	.2494951	.6735321	2.689582	.2486533	.2768396	2.350388
#1	.2583733	2.630354	26.15331	1.047727	2.623026	1.324767	5.276940
#2	.2522738	2.633705	25.84985	1.019193	2.624157	1.326535	5.174590
#3	.2526873	2.643043	25.85129	1.075538	2.634864	1.331830	5.422087
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.590549	25.67126	2.653578	1.304942	26.18944	2.592301	2.625168
Stddev	.017150	.21246	.005496	.033700	.62810	.010260	.067277
%RSD	.6620024	.8276359	.2071035	2.582488	2.398289	.3957971	2.562759
#1	2.609902	25.91656	2.650244	1.305551	25.88121	2.604046	2.626796
#2	2.577238	25.55237	2.650570	1.270941	25.77500	2.587776	2.557093
#3	2.584508	25.54485	2.659921	1.338333	26.91210	2.585081	2.691617
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.23861	5.199934	5.304692	5.281394	5.177618	5.267593	5.228840
Stddev	.72319	.067844	.018839	.011806	.021802	.124936	.010455
%RSD	2.756217	1.304709	.3551449	.2235470	.4210792	2.371778	.1999556
#1	25.92696	5.277856	5.286367	5.271104	5.201688	5.210689	5.218718
#2	25.72349	5.153973	5.303704	5.278794	5.171969	5.181239	5.239599
#3	27.06538	5.167974	5.324006	5.294284	5.159196	5.410851	5.228202

Sample Name: CCV02 Acquired: 3/3/2025 21:12:05 Type: Unk
 Method: NON EPA-6010-200.7(v2750) 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	5.237054	5.160365	5.245299
Stddev	.008809	.005679	.055800
%RSD	.1682014	.1100448	1.063814
#1	5.226883	5.166701	5.292329
#2	5.242126	5.155735	5.183642
#3	5.242154	5.158659	5.259928

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.296	75852.17	14528.84	2273.785	4637.978
Stddev	8.914	1921.26	166.34	53.809	7.200
%RSD	.2584249	2.532902	1.144868	2.366500	.1552453
#1	3457.432	75909.15	14336.77	2277.370	4645.124
#2	3450.687	77744.30	14624.89	2325.712	4638.087
#3	3439.768	73903.05	14624.85	2218.273	4630.724

Sample Name: CCB02 Acquired: 3/3/2025 21:16:16 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0011055	-.000375	-.000771	-.001304	-.001117	.0009376	.0004434
Stddev	.0004456	.001183	.000652	.001149	.000615	.0050824	.0010609
%RSD	40.30460	315.0376	84.48978	88.17170	55.04685	542.0680	239.2688
#1	.0005911	-.001375	-.000079	-.002398	-.000433	-.003211	.0016557
#2	.0013708	-.000681	-.001373	-.000106	-.001623	.006607	-.000315
#3	.0013546	.000930	-.000862	-.001406	-.001296	-.000583	-.000010
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0000345	.0058823	.0000623	.0002285	.0000178	.0006739
Stddev	.000031	.0000504	.0022270	.0003123	.0001325	.0002167	.0027418
%RSD	2257.151	145.9063	37.85853	500.8922	57.97323	1218.506	406.8318
#1	-.000036	.0000922	.0059496	-.000293	.0003287	.0002577	-.002432
#2	.000008	.0000118	.0036224	.000295	.0002786	-.000164	.001696
#3	.000023	-.000000	.0080748	.000185	.0000783	-.000041	.002758
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0010948	.0000565	-.000221	.0635672	-.000002	-.000423
Stddev	.000292	.0152507	.0002150	.000378	.0079119	.001391	.000280
%RSD	14027.07	1392.972	380.6084	171.2135	12.44652	64829.42	66.20473
#1	.000109	.0182686	.0003046	-.000297	.0555740	.001235	-.000597
#2	-.000334	-.010865	-.000063	-.000555	.0637323	-.001509	-.000570
#3	.000218	-.004119	-.000072	.000189	.0713952	.000267	-.000100
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009624	.0121376	.0003549	.0002472	.0003940	.0049773	-.002547
Stddev	.005470	.0004684	.0001016	.0006550	.0004561	.0050906	.000635
%RSD	56.84204	3.859448	28.63937	264.9932	115.7561	102.2762	24.93652
#1	-.015702	.0121063	.0002395	-.000200	.0000491	.0100718	-.002730
#2	-.005096	.0116855	.0004309	.000999	.0009111	.0049695	-.003070
#3	-.008073	.0126209	.0003944	-.000057	.0002218	-.000109	-.001840

Sample Name: CCB02 Acquired: 3/3/2025 21:16:16 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.004619	.0015480	.0001786
Stddev	.000617	.0004819	.0000733
%RSD	13.36761	31.13109	41.01678

#1	-.005246	.0013311	.0002549
#2	-.004601	.0021003	.0001720
#3	-.004011	.0012127	.0001089

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3545.814	78120.48	14822.83	2363.872	5144.077
Stddev	12.675	718.45	59.76	15.564	18.170
%RSD	.3574764	.9196699	.4031897	.6584039	.3532287

#1	3560.142	77293.51	14770.16	2345.951	5163.588
#2	3541.235	78591.15	14810.54	2374.007	5141.005
#3	3536.064	78476.76	14887.78	2371.656	5127.639

Sample Name: Q1457-01 Acquired: 3/3/2025 21:21:02 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0284465	.0038513	.5107820	-.023662	.0010039	91.54635
Stddev	.0038440	.0012211	.0019623	.001431	.0022777	.38301
%RSD	13.51320	31.70674	.3841762	6.047494	226.8761	.4183733
#1	.0240078	.0052613	.5089332	-.022013	.0036061	91.65188
#2	.0306604	.0031384	.5128409	-.024579	.0000336	91.86553
#3	.0306713	.0031542	.5105718	-.024394	-.000628	91.12165
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5816282	.0068157	-.001863	121.9404	.1942111	.1058165
Stddev	.0009314	.0000160	.000751	.3607	.0034021	.0003301
%RSD	.1601307	.2350500	40.31300	.2957885	1.751775	.3119445
#1	.5827036	.0068192	-.001436	122.1808	.1936190	.1061008
#2	.5811030	.0067983	-.001423	122.1148	.1911438	.1058941
#3	.5810780	.0068297	-.002730	121.5257	.1978704	.1054545
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5096672	208.7917	3.329734	50.68333	.1932492	.0069093
Stddev	.0013763	3.5904	.004863	.14471	.0006850	.0002260
%RSD	.2700357	1.719631	.1460602	.2855101	.3544834	3.271208
#1	.5112057	207.5583	3.332644	50.71631	.1939292	.0069655
#2	.5092429	205.9806	3.332438	50.80870	.1925592	.0066605
#3	.5085531	212.8363	3.324120	50.52498	.1932591	.0071019
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.93774	.3122725	.5374665	7.846831	.3092586	.0029395
Stddev	.18299	.0021415	.0099080	.127523	.0087586	.0001864
%RSD	1.532850	.6857903	1.843471	1.625150	2.832130	6.341487
#1	11.87699	.3130710	.5325383	7.823278	.3064074	.0029956
#2	11.79285	.3139000	.5309889	7.732727	.3022808	.0027314
#3	12.14337	.3098464	.5488723	7.984489	.3190875	.0030913

Sample Name: Q1457-01 Acquired: 3/3/2025 21:21:02 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.2721439	3.563100	F 12.47448	5.981663	4.120713	.1842714
Stddev	.0012310	.009749	.19070	.012133	.013037	.0011806
%RSD	.4523228	.2736028	1.528714	.2028437	.3163787	.6407031
#1	.2735497	3.563618	12.39273	5.994654	4.134664	.1838124
#2	.2712591	3.572580	12.33829	5.970624	4.108840	.1833891
#3	.2716230	3.553103	12.69243	5.979710	4.118634	.1856126

Elem	Sr4077
Units	ppm
Avg	.4303558
Stddev	.0006935
%RSD	.1611372
#1	.4306333
#2	.4308676
#3	.4295666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.341	82610.54	16338.06	2525.307	4431.871
Stddev	5.326	1188.41	69.78	33.634	5.445
%RSD	.1422100	1.438567	.4270767	1.331897	.1228538
#1	3742.607	83112.02	16326.11	2530.618	4429.404
#2	3751.479	83466.01	16275.03	2555.969	4438.113
#3	3741.937	81253.59	16413.04	2489.332	4428.096

Sample Name: Q1420-01 Acquired: 3/3/2025 21:25:07 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0667399	.0065974	.7591873	-.015489	.0012870	80.10180	1.369034
Stddev	.0018516	.0035822	.0052725	.001492	.0006943	.17043	.001200
%RSD	2.774386	54.29635	.6944917	9.629946	53.94857	.2127620	.0876246

#1	.0688081	.0106552	.7600689	-.013971	.0018912	79.96000	1.370316
#2	.0652362	.0052634	.7535296	-.016952	.0005285	80.29087	1.367940
#3	.0661754	.0038737	.7639635	-.015543	.0014411	80.05452	1.368845

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067480	-.004128	57.66857	.1501698	.0794100	.2417856	171.3663
Stddev	.0000162	.000235	.13842	.0003149	.0004397	.0007500	.3669
%RSD	.2407375	5.684283	.2400329	.2096747	.5536889	.3102087	.2141014

#1	.0067408	-.004346	57.52314	.1502627	.0796566	.2418983	171.7789
#2	.0067365	-.004158	57.79872	.1498190	.0789023	.2409856	171.0767
#3	.0067665	-.003880	57.68384	.1504278	.0796710	.2424729	171.2433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.021780	24.05858	.1431217	.0056146	3.007866	.2440017	.6033124
Stddev	.001314	.10470	.0009006	.0004823	.008292	.0010080	.0027447
%RSD	.0434856	.4351925	.6292764	8.590202	.2756613	.4131128	.4549306

#1	3.021735	23.94788	.1430109	.0059430	3.017436	.2451051	.6049999
#2	3.023115	24.15602	.1422816	.0050609	3.003333	.2431291	.6047920
#3	3.020488	24.07185	.1440726	.0058400	3.002829	.2437709	.6001454

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.057397	.2043192	.0019978	.0229966	1.406264	7.668347	5.418761
Stddev	.029352	.0022923	.0001305	.0012259	.002144	.021370	.022199
%RSD	.5803743	1.121921	6.529489	5.330887	.1524611	.2786816	.4096712

#1	5.089585	.2067745	.0020377	.0232322	1.406931	7.693023	5.410089
#2	5.050492	.2022353	.0018521	.0240876	1.403866	7.656079	5.402207
#3	5.032113	.2039477	.0021036	.0216700	1.407996	7.655938	5.443988

Sample Name: Q1420-01 Acquired: 3/3/2025 21:25:07 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.181942	.1476449	.1936178
Stddev	.006032	.0002939	.0001538
%RSD	.2764635	.1990445	.0794134
#1	2.178191	.1476157	.1934602
#2	2.178734	.1473668	.1936259
#3	2.188900	.1479524	.1937674

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.525	84860.94	16802.22	2561.128	4709.946
Stddev	16.821	149.24	60.79	7.523	21.346
%RSD	.4339127	.1758619	.3617708	.2937555	.4532043
#1	3873.588	84860.52	16863.55	2554.855	4707.727
#2	3894.621	84711.91	16741.99	2559.059	4732.314
#3	3861.367	85010.38	16801.12	2569.469	4689.796

Sample Name: Q1420-05 Acquired: 3/3/2025 21:29:12 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0327378	.0042807	.3266876	-.015236	.0014411	60.00111	.9658007
Stddev	.0023384	.0010521	.0023537	.002787	.0018207	.13559	.0058462
%RSD	7.142767	24.57792	.7204823	18.29068	126.3444	.2259827	.6053216
#1	.0339705	.0053803	.3265090	-.016654	.0007790	60.01410	.9609191
#2	.0342019	.0041782	.3244283	-.012026	.0035001	60.12974	.9722795
#3	.0300410	.0032836	.3291255	-.017029	.0000440	59.85949	.9642034
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059169	-.004080	100.2053	.1414509	.0815103	.1648671	162.9229
Stddev	.0000699	.000173	.4288	.0006972	.0003891	.0003866	.9223
%RSD	1.181392	4.236511	.4279296	.4929124	.4773094	.2345117	.5660667
#1	.0058958	-.003881	99.9155	.1407495	.0813236	.1649960	161.8744
#2	.0059949	-.004180	100.6979	.1421439	.0812497	.1644325	163.6083
#3	.0058600	-.004180	100.0026	.1414593	.0819575	.1651728	163.2860
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.509993	34.36047	.1468406	.0051778	2.430427	.2442009	.4442718
Stddev	.022079	.11147	.0004526	.0000248	.003531	.0006761	.0020765
%RSD	.6290331	.3243996	.3082390	.4791862	.1452663	.2768564	.4673933
#1	3.491951	34.27326	.1463211	.0051562	2.428402	.2439324	.4419587
#2	3.534613	34.48605	.1471495	.0052049	2.428376	.2449700	.4448816
#3	3.503414	34.32211	.1470513	.0051723	2.434504	.2437003	.4459751
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.801713	.2013502	.0019305	.0072979	1.843477	6.937923	6.102201
Stddev	.043233	.0013799	.0000524	.0016334	.008355	.014286	.016395
%RSD	.5541516	.6853031	2.712922	22.38238	.4532277	.2059120	.2686719
#1	7.764396	.2003557	.0019900	.0054553	1.840472	6.954419	6.121132
#2	7.791654	.2007693	.0018914	.0085681	1.852919	6.929556	6.092814
#3	7.849090	.2029255	.0019100	.0078702	1.837039	6.929795	6.092656

Sample Name: Q1420-05 Acquired: 3/3/2025 21:29:12 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.102715	.1265217	.3356455
Stddev	.006792	.0018353	.0011056
%RSD	.6159728	1.450548	.3293992
#1	1.095227	.1244033	.3348692
#2	1.104439	.1275326	.3369114
#3	1.108479	.1276293	.3351559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3744.930	82564.28	16557.10	2473.148	4574.847
Stddev	1.632	425.14	84.53	12.818	4.881
%RSD	.0435776	.5149147	.5105313	.5182729	.1066983
#1	3746.812	83046.35	16624.67	2486.733	4570.219
#2	3744.054	82242.98	16462.32	2461.269	4574.373
#3	3743.922	82403.49	16584.31	2471.443	4579.947

Sample Name: Q1457-01DUP Acquired: 3/3/2025 21:33:21 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.0254625	.0003852	.5129400	-.030230	-.000038	91.24031
Stddev	.0018553	.0001258	.0056097	.001399	.001212	.12934
%RSD	7.286476	32.65073	1.093642	4.627678	3156.311	.1417550
#1	.0242481	.0002933	.5176357	-.030036	-.001160	91.35750
#2	.0245413	.0003337	.5144563	-.031715	-.000203	91.26189
#3	.0275981	.0005286	.5067280	-.028938	.001248	91.10154
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5816353	.0065682	.0086923	121.9336	.1938588	.1057605
Stddev	.0007061	.0000245	.0007174	.4488	.0022201	.0011242
%RSD	.1214026	.3727457	8.253818	.3680843	1.145208	1.062983
#1	.5821457	.0065963	.0092818	122.3600	.1943415	.1069470
#2	.5808294	.0065575	.0089015	121.9753	.1914371	.1056233
#3	.5819308	.0065510	.0078934	121.4653	.1957978	.1047112
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5226102	157.8384	3.278418	50.56555	.1937458	-.002010
Stddev	.0055374	2.1330	.013032	.25161	.0021836	.000100
%RSD	1.059559	1.351412	.3975215	.4975874	1.127064	4.987903
#1	.5275192	157.0276	3.292095	50.76659	.1957843	-.002030
#2	.5237039	156.2297	3.277018	50.64666	.1940118	-.001901
#3	.5166076	160.2580	3.266143	50.28339	.1914414	-.002099
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.20592	.3112036	.5393537	7.907487	.1909505	.0031611
Stddev	.18843	.0015582	.0065211	.134140	.0057730	.0002406
%RSD	1.543791	.5006968	1.209056	1.696361	3.023290	7.610596
#1	12.08702	.3104227	.5364061	7.863191	.1878590	.0033156
#2	12.10756	.3129978	.5348268	7.801098	.1873816	.0032839
#3	12.42318	.3101903	.5468282	8.058173	.1976108	.0028839

Sample Name: Q1457-01DUP Acquired: 3/3/2025 21:33:21 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.2712187	3.553954	F 12.82354	5.871175	4.102449	.1613811
Stddev	.0034622	.007484	.18684	.078079	.055274	.0001816
%RSD	1.276541	.2105792	1.457014	1.329870	1.347332	.1125503
#1	.2751658	3.562140	12.75995	5.952190	4.158051	.1614515
#2	.2697950	3.552257	12.67679	5.864926	4.101788	.1611748
#3	.2686953	3.547464	13.03387	5.796408	4.047509	.1615170

Elem	Sr4077
Units	ppm
Avg	.4299424
Stddev	.0004577
%RSD	.1064674
#1	.4304691
#2	.4296409
#3	.4297171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.832	82588.31	16756.02	2466.465	4448.200
Stddev	28.268	770.92	128.95	26.397	44.412
%RSD	.7574744	.9334499	.7695641	1.070249	.9984363
#1	3708.031	82781.18	16645.21	2478.401	4405.423
#2	3724.388	83244.49	16725.30	2484.785	4445.091
#3	3763.076	81739.27	16897.56	2436.207	4494.084

Sample Name: Q1457-01LX5 Acquired: 3/3/2025 21:37:24 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.0049594	.0016332	.1099085	-.003670	-.000483	20.44669	.1307503
Stddev	.0019564	.0013228	.0017705	.000598	.000524	.22765	.0022419
%RSD	39.44761	80.99112	1.610900	16.29113	108.4839	1.113368	1.714661
#1	.0070730	.0027809	.1119422	-.003241	-.000791	20.19798	.1281942
#2	.0032120	.0019323	.1090725	-.004353	-.000781	20.49738	.1316735
#3	.0045933	.0001865	.1087107	-.003417	.000122	20.64473	.1323832
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015438	.0009173	27.85369	.0439546	.0220113	.1246127	34.86145
Stddev	.0000481	.0002962	.30031	.0012758	.0002067	.0004245	.77002
%RSD	3.119092	32.28636	1.078170	2.902595	.9388300	.3406473	2.208796
#1	.0014885	.0010213	27.51313	.0428537	.0219744	.1248483	34.43308
#2	.0015670	.0011474	27.96743	.0436574	.0222340	.1248672	34.40087
#3	.0015760	.0005832	28.08053	.0453529	.0218257	.1241227	35.75039
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7627663	11.55486	.0407636	-.000442	2.598358	.0708832	.1209450
Stddev	.0057137	.13712	.0001700	.000292	.066797	.0029384	.0013137
%RSD	.7490802	1.186710	.4169986	66.12311	2.570754	4.145425	1.086199
#1	.7562127	11.39657	.0409083	-.000753	2.555538	.0690590	.1197221
#2	.7653839	11.63742	.0408061	-.000174	2.564209	.0742729	.1207792
#3	.7667023	11.63058	.0405764	-.000398	2.675326	.0693177	.1223337
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.601801	.0428563	.0007790	.0554219	.8128609	2.752143	1.195074
Stddev	.039131	.0018055	.0002940	.0004812	.0070287	.049477	.007892
%RSD	2.442930	4.212979	37.74020	.8682033	.8646857	1.797762	.6604026
#1	1.604882	.0420734	.0006169	.0552549	.8055794	2.713447	1.202961
#2	1.561220	.0415744	.0011183	.0550466	.8133972	2.735090	1.195085
#3	1.639300	.0449212	.0006017	.0559644	.8196061	2.807891	1.187176

Sample Name: Q1457-01LX5 Acquired: 3/3/2025 21:37:24 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.8225291	.0350750	.0959675
Stddev	.0064878	.0002569	.0008887
%RSD	.7887600	.7323476	.9260565
#1	.8297828	.0352117	.0952364
#2	.8205238	.0347787	.0957094
#3	.8172808	.0352347	.0969567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3556.030	79685.76	15425.06	2374.701	4800.457
Stddev	7.665	1191.08	169.05	24.902	17.585
%RSD	.2155465	1.494724	1.095959	1.048637	.3663272
#1	3547.597	80698.56	15593.26	2395.665	4782.742
#2	3557.921	79985.18	15255.17	2381.263	4800.721
#3	3562.573	78373.53	15426.75	2347.175	4817.909

Sample Name: Q1457-01MS Acquired: 3/3/2025 21:41:38 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.7096796	1.836167	1.457767	1.554358	.2639595	103.7136
Stddev	.0106225	.031076	.019749	.016871	.0034909	.2451
%RSD	1.496795	1.692458	1.354743	1.085404	1.322505	.2363412
#1	.7171145	1.871246	1.475098	1.571330	.2669187	103.6577
#2	.7144108	1.825171	1.461936	1.554155	.2648502	103.9818
#3	.6975136	1.812083	1.436266	1.537590	.2601096	103.5013
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7582213	.1745982	.2039164	102.6507	.5530409	.3069998
Stddev	.0029739	.0005105	.0027935	.2836	.0011438	.0035092
%RSD	.3922165	.2923814	1.369909	.2763248	.2068206	1.143074
#1	.7600484	.1740111	.2060624	102.4836	.5536128	.3098462
#2	.7598257	.1749380	.2049290	102.9782	.5517239	.3080743
#3	.7547898	.1748454	.2007579	102.4903	.5537859	.3030790
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7361883	157.5582	3.468978	52.99458	.6957508	.0636793
Stddev	.0073012	.4142	.006645	.17528	.0093586	.0003163
%RSD	.9917645	.2628563	.1915593	.3307456	1.345113	.4967110
#1	.7417896	157.5973	3.466062	52.80196	.7026286	.0633923
#2	.7388444	157.1259	3.476582	53.14470	.6995302	.0640184
#3	.7279308	157.9514	3.464289	53.03707	.6850934	.0636271
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04793	.5732521	.7773480	17.74950	.5009549	.3318932
Stddev	.04978	.0045096	.0013198	.02942	.0015373	.0036588
%RSD	.3308345	.7866714	.1697820	.1657780	.3068673	1.102392
#1	15.06892	.5680485	.7766087	17.77389	.4998104	.3348979
#2	14.99109	.5760217	.7788718	17.75779	.5003520	.3329627
#3	15.08379	.5756862	.7765635	17.71682	.5027022	.3278188

Sample Name: Q1457-01MS Acquired: 3/3/2025 21:41:38 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.6855197	3.845617	F 15.31347	F 12.17430	3.361307	.3537020
Stddev	.0111354	.005239	.04842	.15213	.043650	.0008230
%RSD	1.624368	.1362347	.3162051	1.249566	1.298596	.2326904
#1	.6944379	3.847461	15.30761	12.29963	3.394588	.3529197
#2	.6890821	3.849684	15.26825	12.21824	3.377448	.3545605
#3	.6730390	3.839705	15.36456	12.00504	3.311886	.3536260

Elem	Sr4077
Units	ppm
Avg	.5091901
Stddev	.0014159
%RSD	.2780586
#1	.5094960
#2	.5104280
#3	.5076463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3833.799	84043.91	16545.98	2525.332	4459.057
Stddev	29.349	333.16	10.09	10.442	46.579
%RSD	.7655313	.3964079	.0610004	.4134786	1.044602
#1	3811.752	83948.64	16556.35	2514.837	4423.448
#2	3822.532	84414.33	16545.42	2535.720	4441.953
#3	3867.111	83768.77	16536.19	2525.438	4511.771

Sample Name: LR1 Acquired: 3/3/2025 21:45:38 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	-.011676	.0770190	.0373506	-.225838	.0021253	2197.734	.0190992
Stddev	.003167	.0063421	.0057666	.006225	.0045932	14.400	.0008645
%RSD	27.12792	8.234496	15.43922	2.756424	216.1225	.6551992	4.526323
#1	-.015249	.0712795	.0334564	-.225960	.0025322	2184.848	.0181020
#2	-.009214	.0759496	.0346201	-.219552	.0065014	2195.078	.0195584
#3	-.010565	.0838278	.0439754	-.232000	-.002658	2213.277	.0196373
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102733	.0671461	1785.429	.0112553	.0345639	.0210573	942.4406
Stddev	.0000517	.0032829	7.499	.0005609	.0005215	.0039585	13.2023
%RSD	.5028335	4.889122	.4199914	4.983811	1.508781	18.79862	1.400861
#1	.0103059	.0687898	1786.920	.0118295	.0348685	.0243183	928.8396
#2	.0102137	.0633661	1777.296	.0107086	.0348614	.0166530	955.2044
#3	.0103003	.0692825	1792.070	.0112279	.0339617	.0222007	943.2779
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.120983	1875.533	.0238769	-.052791	2131.576	.0167913	.1164647
Stddev	.001357	7.393	.0007676	.001351	21.569	.0021687	.0026770
%RSD	1.121790	.3941555	3.214774	2.558703	1.011858	12.91537	2.298582
#1	-.119455	1883.845	.0247447	-.052133	2107.136	.0178289	.1136179
#2	-.122048	1869.694	.0235991	-.051896	2147.943	.0142988	.1168446
#3	-.121445	1873.059	.0232869	-.054345	2139.650	.0182462	.1189314
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1399.850	.6515070	.0065849	.0029174	-.049261	.1553160	.0831727
Stddev	16.342	.0161744	.0006559	.0012353	.000606	.0051266	.0130623
%RSD	1.167386	2.482615	9.960355	42.34292	1.231180	3.300739	15.70499
#1	1383.515	.6370872	.0064902	.0015953	-.048697	.1609460	.0701021
#2	1399.838	.6689962	.0072830	.0031147	-.049183	.1509169	.0831893
#3	1416.198	.6484376	.0059816	.0040421	-.049902	.1540851	.0962266

Sample Name: LR1 Acquired: 3/3/2025 21:45:38 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	-.195607	.1067685	.0133371
Stddev	.010649	.0073944	.0001146
%RSD	5.443941	6.925623	.8595008
#1	-.206604	.1005276	.0132223
#2	-.194871	.1149352	.0133375
#3	-.185345	.1048425	.0134516

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.121	51862.40	11889.76	1555.289	2826.841
Stddev	19.345	539.71	63.55	19.753	22.354
%RSD	.8182550	1.040651	.5344942	1.270030	.7907893
#1	2371.272	52485.34	11943.95	1578.097	2839.434
#2	2378.873	51535.16	11905.52	1543.720	2840.059
#3	2342.220	51566.71	11819.81	1544.051	2801.031

Sample Name: LR2 Acquired: 3/3/2025 21:50:35 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.0110087	-.013296	243.5648	.0084325	-.005541	.1806289
Stddev	.0020265	.002101	1.5369	.0023620	.001699	.0072994
%RSD	18.40770	15.80486	.6309901	28.01032	30.66441	4.041094
#1	.0095077	-.015555	241.8109	.0058262	-.004523	.1885754
#2	.0102047	-.012933	244.2075	.0090397	-.004597	.1790887
#3	.0133139	-.011399	244.6760	.0104317	-.007502	.1742225
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.82581	-.002207	-.005133	.2800764	.0139929	-.001636
Stddev	1.12915	.000062	.000053	.0037870	.0005401	.000163
%RSD	1.243208	2.816227	1.022747	1.352120	3.859561	9.971241
#1	89.58424	-.002275	-.005192	.2830525	.0134495	-.001448
#2	91.79137	-.002192	-.005091	.2813628	.0145295	-.001734
#3	91.10182	-.002153	-.005116	.2758138	.0139996	-.001726
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	265.5203	-.007172	43.94746	-.019744	48.72409	.0016718
Stddev	1.9128	.003961	.29626	.011606	.26689	.0004641
%RSD	.7204137	55.23220	.6741131	58.78165	.5477540	27.76077
#1	263.3777	-.007820	44.02627	-.007221	48.41869	.0011473
#2	266.1271	-.002927	44.19635	-.021873	48.84107	.0020292
#3	267.0562	-.010770	43.61977	-.030137	48.91253	.0018389
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3867688	-.011255	F 25.72559	.4877634	.0013742	-.006377
Stddev	.0337359	.001783	.20769	.0368896	.0004363	.000300
%RSD	8.722501	15.83960	.8073215	7.563001	31.74960	4.700098
#1	.4199318	-.011454	25.51571	.5303217	.0011835	-.006696
#2	.3878868	-.012929	25.73006	.4649246	.0018735	-.006101
#3	.3524877	-.009381	25.93101	.4680439	.0010658	-.006336

Sample Name: LR2 Acquired: 3/3/2025 21:50:35 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	-.004480	-.042057	-.015414	-.174371	-.009592	.0046848
Stddev	.000596	.000369	.000815	.005779	.007070	.0003738
%RSD	13.30320	.8782101	5.290311	3.314247	73.71155	7.978874
#1	-.004877	-.042174	-.014508	-.181035	-.013161	.0048532
#2	-.004768	-.042353	-.016089	-.170734	-.001448	.0049447
#3	-.003795	-.041643	-.015646	-.171345	-.014167	.0042564

Elem	Sr4077
Units	ppm
Avg	.0015958
Stddev	.0000764
%RSD	4.787870
#1	.0015318
#2	.0015751
#3	.0016804

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.285	78950.51	15093.63	2274.450	4813.721
Stddev	14.803	449.40	94.24	13.336	20.597
%RSD	.4590991	.5692223	.6243462	.5863490	.4278835
#1	3241.064	79395.30	15023.73	2284.368	4836.869
#2	3218.719	78959.59	15056.36	2279.693	4806.876
#3	3213.072	78496.63	15200.80	2259.289	4797.418

Sample Name: Q1457-01MSD Acquired: 3/3/2025 21:55:14 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.7201332	1.877897	1.457073	1.596000	.2717231	103.8909
Stddev	.0063199	.017140	.003067	.004718	.0004729	.3831
%RSD	.8776064	.9127084	.2105169	.2955877	.1740210	.3687458
#1	.7174277	1.858417	1.458567	1.591048	.2712245	104.2255
#2	.7156163	1.884605	1.459108	1.596511	.2721651	103.4730
#3	.7273555	1.890668	1.453545	1.600442	.2717797	103.9743
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7713691	.1692872	.2040008	102.2775	.5409928	.3074383
Stddev	.0019893	.0007673	.0011170	.2243	.0087566	.0010414
%RSD	.2578961	.4532640	.5475651	.2193517	1.618624	.3387430
#1	.7736026	.1700596	.2028029	102.5365	.5469812	.3062498
#2	.7707173	.1685250	.2050139	102.1518	.5309429	.3078741
#3	.7697874	.1692771	.2041856	102.1441	.5450543	.3081911
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7424225	159.6001	3.471248	52.35764	.6990707	.0636686
Stddev	.0024662	1.9333	.011231	.07227	.0026428	.0002639
%RSD	.3321875	1.211339	.3235446	.1380389	.3780414	.4144378
#1	.7396135	160.9645	3.481936	52.39694	.6961435	.0637326
#2	.7442322	157.3878	3.472265	52.27423	.7012812	.0633786
#3	.7434219	160.4481	3.459543	52.40175	.6997874	.0638945
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.43380	.5761183	.7726821	18.18594	.5033203	.3360928
Stddev	.23243	.0014314	.0118106	.29856	.0063834	.0017179
%RSD	1.505996	.2484481	1.528517	1.641701	1.268269	.5111405
#1	15.54593	.5777178	.7754504	18.35699	.5089511	.3342822
#2	15.16656	.5749580	.7597333	17.84120	.4963856	.3362962
#3	15.58891	.5756792	.7828626	18.35964	.5046242	.3376999

Sample Name: Q1457-01MSD Acquired: 3/3/2025 21:55:14 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.6826574	3.869320	F 15.68199	F 12.23918	3.399635	.3576677
Stddev	.0024932	.012241	.22226	.06899	.018084	.0011822
%RSD	.3652263	.3163534	1.417266	.5636778	.5319428	.3305262
#1	.6800675	3.882673	15.81018	12.16078	3.378884	.3586057
#2	.6828634	3.858629	15.42535	12.26615	3.407985	.3580576
#3	.6850412	3.866658	15.81044	12.29061	3.412035	.3563398

Elem	Sr4077
Units	ppm
Avg	.5160978
Stddev	.0016213
%RSD	.3141550
#1	.5179375
#2	.5148775
#3	.5154783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.341	85548.01	17163.49	2530.063	4470.030
Stddev	13.841	1133.28	47.82	31.059	13.354
%RSD	.3621950	1.324734	.2786280	1.227604	.2987431
#1	3837.297	84805.42	17108.28	2514.171	4483.801
#2	3812.586	86852.45	17190.17	2565.853	4457.137
#3	3814.139	84986.16	17192.01	2510.166	4469.153

Sample Name: Q1457-01A Acquired: 3/3/2025 21:59:13 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.8303105	1.852498	1.011234	1.932887	.7488371	19.75094
Stddev	.0054900	.007869	.006536	.018739	.0048808	.12330
%RSD	.6612010	.4247860	.6463442	.9695085	.6517803	.6242650
#1	.8239847	1.847398	1.003996	1.915937	.7441000	19.88243
#2	.8331155	1.861561	1.016705	1.953011	.7538499	19.63792
#3	.8338314	1.848535	1.013001	1.929712	.7485614	19.73246
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5486734	.1826565	.1915961	219.1614	.4477088	.2080195
Stddev	.0035164	.0008119	.0013843	1.0762	.0001387	.0018927
%RSD	.6408931	.4444922	.7224926	.4910469	.0309778	.9098742
#1	.5526379	.1835201	.1901157	220.3628	.4476138	.2064008
#2	.5474509	.1819087	.1928584	218.2857	.4476446	.2101006
#3	.5459314	.1825405	.1918144	218.8356	.4478679	.2075573
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4223886	11.31732	.5163115	11.07686	.5119474	.0739026
Stddev	.0032438	.05980	.0020819	.04210	.0039239	.0001500
%RSD	.7679757	.5284238	.4032323	.3800310	.7664721	.2029602
#1	.4190258	11.28481	.5186251	11.11983	.5079765	.0738198
#2	.4254987	11.38633	.5157204	11.03570	.5158226	.0740757
#3	.4226414	11.28081	.5145891	11.07504	.5120431	.0738122
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.345036	.3279399	.8445105	16.48812	.3862118	.4679477
Stddev	.011887	.0007687	.0008255	.05951	.0024794	.0038859
%RSD	.1424457	.2344093	.0977473	.3609341	.6419913	.8304116
#1	8.342300	.3283502	.8452288	16.44862	.3887162	.4638827
#2	8.358053	.3270531	.8436088	16.55657	.3837581	.4716255
#3	8.334755	.3284165	.8446940	16.45917	.3861611	.4683349

Sample Name: Q1457-01A Acquired: 3/3/2025 21:59:13 Type: Unk
Method: NON EPA-6010-200.7(v2759) 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	.5915454	.6692981	F 38.16239	6.507628	4.881507	.1789878
Stddev	.0049337	.0049950	.10256	.049719	.041539	.0013430
%RSD	.8340381	.7463055	.2687386	.7640152	.8509559	.7503213
#1	.5873363	.6747996	38.09577	6.463155	4.840967	.1805043
#2	.5969747	.6650472	38.28049	6.561307	4.923979	.1779488
#3	.5903251	.6680476	38.11091	6.498423	4.879574	.1785103

Elem	Sr4077
Units	ppm
Avg	.5701425
Stddev	.0028648
%RSD	.5024771
#1	.5734484
#2	.5685934
#3	.5683857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3359.281	75554.15	15423.41	2215.574	4574.762
Stddev	20.539	125.91	112.25	13.858	23.401
%RSD	.6114240	.1666457	.7278164	.6254623	.5115170
#1	3381.485	75468.73	15299.12	2199.822	4598.869
#2	3340.960	75494.97	15517.41	2221.014	4552.138
#3	3355.397	75698.74	15453.70	2225.887	4573.280

Sample Name: CCV03 Acquired: 3/3/2025 22:02:49 Type: Unk
Method: NON EPA-6010-200.7(v2760) 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	5.144813	5.070683	5.083460	5.180330	5.178238	10.06434	10.14141
Stddev	.046743	.080063	.048943	.043477	.046551	.15342	.08451
%RSD	.9085429	1.578930	.9627846	.8392697	.8989803	1.524355	.8333104
#1	5.101197	4.986766	5.046300	5.153060	5.144267	10.20345	10.21302
#2	5.194155	5.146234	5.138915	5.230469	5.231300	10.08978	10.04820
#3	5.139088	5.079048	5.065165	5.157462	5.159147	9.89979	10.16303
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2489190	2.537608	25.11234	1.024514	2.543103	1.287967	5.189483
Stddev	.0029991	.023895	.40024	.011070	.023194	.010692	.047607
%RSD	1.204845	.9416207	1.593807	1.080539	.9120499	.8301756	.9173655
#1	.2523594	2.516075	25.50532	1.037284	2.521908	1.277824	5.226327
#2	.2475411	2.563315	25.12648	1.017631	2.567880	1.299135	5.206393
#3	.2468564	2.533435	24.70521	1.018626	2.539520	1.286944	5.135730
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.521923	24.88507	2.538927	1.280516	25.94170	2.551616	2.547627
Stddev	.040161	.34115	.025368	.008291	.32697	.041322	.018665
%RSD	1.592461	1.370882	.9991478	.6474958	1.260418	1.619462	.7326511
#1	2.558566	25.23707	2.519647	1.290076	26.22119	2.589389	2.568435
#2	2.528214	24.86222	2.567665	1.276193	26.02180	2.557978	2.542085
#3	2.478988	24.55593	2.529469	1.275281	25.58213	2.507482	2.532360
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.88309	5.006276	5.160065	5.080853	5.069112	5.210078	4.977339
Stddev	.32214	.044876	.043609	.043066	.078312	.051875	.058900
%RSD	1.244606	.8963971	.8451238	.8476122	1.544876	.9956666	1.183363
#1	26.07540	5.056794	5.122631	5.039311	5.138761	5.258629	4.914015
#2	26.06268	4.991008	5.207950	5.125296	5.084232	5.216185	5.030490
#3	25.51118	4.971026	5.149615	5.077952	4.984343	5.155420	4.987511

Sample Name: CCV03 Acquired: 3/3/2025 22:02:49 Type: Unk
Method: NON EPA-6010-200.7(v2760) 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	5.053456	5.003796	5.171807
Stddev	.049300	.083871	.064520
%RSD	.9755735	1.676141	1.247530

#1	5.000573	5.071914	5.211990
#2	5.098147	5.029355	5.206046
#3	5.061647	4.910120	5.097385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.828	76577.21	14783.77	2278.968	4738.441
Stddev	25.518	538.92	154.31	15.525	39.105
%RSD	.7282899	.7037556	1.043748	.6812344	.8252747

#1	3521.596	75957.86	14608.91	2263.398	4770.693
#2	3474.587	76834.59	14841.59	2279.057	4694.946
#3	3515.300	76939.18	14900.81	2294.448	4749.685

Sample Name: CCB03 Acquired: 3/3/2025 22:24:14 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.001140	.0000741	-.000989	-.002327	-.001357	.0003918	-.001415
Stddev	.000408	.0013415	.000514	.000749	.000097	.0011154	.001109
%RSD	35.73728	1810.632	51.96542	32.19806	7.117293	284.7306	78.37941
#1	-.000978	.0013791	-.001562	-.003139	-.001442	-.000720	-.002593
#2	-.001604	.0001444	-.000834	-.001664	-.001377	.000385	-.000392
#3	-.000839	-.001301	-.000570	-.002176	-.001252	.001510	-.001259
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000203	-.000019	.0039284	-.000075	.0000990	.0002575	-.001959
Stddev	.0000476	.000049	.0039968	.000053	.0000781	.0003819	.002770
%RSD	234.4703	259.2448	101.7406	71.23720	78.90614	148.3048	141.3529
#1	-.000035	.000037	-.000687	-.000122	.0000567	.0004155	-.003024
#2	.000050	-.000055	.006270	-.000085	.0001891	.0005351	.001185
#3	.000045	-.000039	.006201	-.000017	.0000511	-.000178	-.004039
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000176	.0025623	.0004367	-.000330	.0884672	-.001665	-.000194
Stddev	.000244	.0035695	.0000888	.000282	.0200691	.001398	.000311
%RSD	138.0993	139.3099	20.33651	85.31610	22.68531	83.93888	160.2368
#1	-.000455	.0025259	.0005341	-.000654	.0655037	-.000322	-.000336
#2	-.000002	-.000989	.0004157	-.000144	.0972516	-.001562	-.000408
#3	-.000073	.006150	.0003602	-.000192	.1026463	-.003112	.000162
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243976	.0022633	.0001426	.0003168	-.000075	-.000995	-.000384
Stddev	.0236278	.0000288	.0001691	.0002021	.000243	.002188	.001177
%RSD	96.84458	1.272523	118.5996	63.78864	324.6343	219.8894	306.7090
#1	.0072950	.0022476	.0003087	.0002298	-.000094	-.001148	.000531
#2	.0145398	.0022457	-.000029	.0001728	-.000308	.001266	-.001712
#3	.0513581	.0022965	.000149	.0005479	.000177	-.003103	.000030

Sample Name: CCB03 Acquired: 3/3/2025 22:24:14 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.001659	-.000440	-.000017
Stddev	.003708	.000730	.000009
%RSD	223.4698	166.0326	54.26338

#1	.001901	-.000463	-.000012
#2	-.005500	.000302	-.000011
#3	-.001380	-.001157	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3643.388	80412.32	15502.27	2392.258	5316.930
Stddev	17.454	178.72	116.27	8.982	22.322
%RSD	.4790500	.2222545	.7500506	.3754583	.4198315

#1	3629.433	80505.20	15409.00	2390.465	5296.335
#2	3637.773	80525.49	15465.27	2402.001	5313.805
#3	3662.958	80206.29	15632.55	2384.308	5340.650

Sample Name: Q1439-01 Acquired: 3/3/2025 22:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.000629	-.003551	-.000856	.0001949	.0006195	.0109113
Stddev	.004441	.001619	.000743	.0015921	.0006671	.0079833
%RSD	706.3036	45.59823	86.75769	816.8216	107.6788	73.16584
#1	-.000180	-.001908	.000000	.0016312	.0006042	.0146703
#2	.003571	-.005145	-.001323	.0004706	-.000040	.0017423
#3	-.005277	-.003599	-.001245	-.001517	.001294	.0163213
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1609062	-.000152	.0000286	118.9451	.0038654	.0001018
Stddev	.0024936	.000027	.0000677	1.4606	.0004267	.0002970
%RSD	1.549726	17.66337	236.8291	1.227989	11.03789	291.8127
#1	.1637375	-.000151	.0000230	120.5326	.0033978	.0000384
#2	.1599448	-.000180	-.000036	117.6581	.0039649	-.000158
#3	.1590365	-.000126	.000099	118.6445	.0042335	.000425
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022156	.7937897	.3657380	23.10619	.0168063	-.000437
Stddev	.0000959	.0106688	.0050141	.32714	.0007506	.000279
%RSD	4.328693	1.344033	1.370951	1.415812	4.466328	63.94511
#1	.0021169	.8047962	.3711569	23.45683	.0168676	-.000370
#2	.0023085	.7930788	.3612628	22.80917	.0160269	-.000197
#3	.0022215	.7834942	.3647943	23.05256	.0175244	-.000743
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	222.2406	.0063931	.0852438	18.51199	.2742054	.0091903
Stddev	1.4380	.0006648	.0005218	.13334	.0031536	.0001966
%RSD	.6470385	10.39920	.6121212	.7202722	1.150067	2.139518
#1	222.7418	.0066133	.0858356	18.66001	.2775078	.0093576
#2	220.6191	.0069198	.0850456	18.40130	.2712255	.0092396
#3	223.3610	.0056460	.0848501	18.47465	.2738830	.0089737

Sample Name: Q1439-01 Acquired: 3/3/2025 22:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-0.003126	-0.002934	F 12.67976	.1453378	F 28.45874	-0.015191
Stddev	.000574	.001284	.09507	.0031191	.68010	.000404
%RSD	18.35674	43.77779	.7497818	2.146096	2.389763	2.660921
#1	-0.002879	-0.003921	12.78468	.1464878	28.29050	-0.015654
#2	-0.002718	-0.001482	12.59933	.1418070	27.87855	-0.015010
#3	-0.003782	-0.003397	12.65528	.1477186	29.20716	-0.014909

Elem	Sr4077
Units	ppm
Avg	1.229080
Stddev	.030610
%RSD	2.490471
#1	1.254494
#2	1.237647
#3	1.195099

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.856	74330.30	14964.23	2199.316	4576.516
Stddev	64.808	309.11	149.17	10.984	86.338
%RSD	1.910691	.4158580	.9968698	.4994117	1.886553
#1	3405.601	73981.88	14802.41	2187.652	4600.003
#2	3448.689	74571.62	15096.26	2200.835	4648.681
#3	3321.278	74437.39	14994.03	2209.461	4480.865

Sample Name: Q1439-02 Acquired: 3/3/2025 22:33:02 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.002052	-.005296	.0002433	-.002232	.0011409	.0127015
Stddev	.000413	.002171	.0010449	.003983	.0008287	.0021213
%RSD	20.11734	41.00376	429.5011	178.4239	72.64268	16.70126
#1	-.002146	-.003645	.0005555	-.005606	.0015015	.0114705
#2	-.002409	-.007756	.0010964	.002161	.0017282	.0114831
#3	-.001600	-.004487	-.000922	-.003252	.0001929	.0151510
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1670860	-.000144	.0000520	120.2631	.0112330	.0001255
Stddev	.0010057	.000026	.0000297	.6059	.0003967	.0002812
%RSD	.6018801	18.12633	57.06543	.5038476	3.531961	224.0082
#1	.1675358	-.000135	.0000501	120.2592	.0116337	.0004052
#2	.1659339	-.000174	.0000826	119.6591	.0112250	.0001285
#3	.1677881	-.000124	.0000233	120.8710	.0108403	-.000157
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032727	.8768273	.3708025	23.33146	.0183682	-.000565
Stddev	.0005949	.0031329	.0026502	.11366	.0002114	.000238
%RSD	18.17685	.3572936	.7147300	.4871366	1.150825	42.13201
#1	.0026444	.8793613	.3701317	23.30508	.0182330	-.000745
#2	.0038273	.8733245	.3685521	23.23330	.0182598	-.000295
#3	.0033464	.8777960	.3737237	23.45598	.0186118	-.000656
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	224.1794	.0067464	.0844961	18.67477	.2761558	.0091357
Stddev	5.9840	.0001321	.0008687	.16049	.0020162	.0003230
%RSD	2.669309	1.957365	1.028129	.8594160	.7300799	3.535143
#1	224.5260	.0066649	.0846932	18.75536	.2750854	.0089725
#2	218.0296	.0068988	.0835458	18.48995	.2749006	.0089270
#3	229.9826	.0066756	.0852493	18.77899	.2784815	.0095077

Sample Name: Q1439-02 Acquired: 3/3/2025 22:33:02 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.002875	-.002585	F 12.69983	.1545537	F 29.27465	-.015540
Stddev	.000930	.000982	.12889	.0010024	.30645	.001490
%RSD	32.32902	37.99576	1.014884	.6485589	1.046821	9.590805
#1	-.003812	-.001458	12.73301	.1555665	28.92278	-.016395
#2	-.001953	-.003262	12.55759	.1545324	29.48301	-.013819
#3	-.002860	-.003034	12.80888	.1535621	29.41816	-.016406

Elem	Sr4077
Units	ppm
Avg	1.257241
Stddev	.013076
%RSD	1.040039
#1	1.242634
#2	1.261234
#3	1.267855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.323	76704.32	15327.52	2238.915	4604.059
Stddev	22.763	711.13	63.52	21.114	35.995
%RSD	.6660916	.9271105	.4144434	.9430517	.7818178
#1	3443.446	76586.20	15326.50	2241.965	4645.463
#2	3401.746	77467.12	15391.54	2258.339	4580.205
#3	3406.777	76059.64	15264.51	2216.442	4586.508

Sample Name: Q1440-01 Acquired: 3/3/2025 22:37:33 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0519646	-.001914	.3291139	-.019861	.0005282	132.2807	.7941449
Stddev	.0013421	.002999	.0066566	.003018	.0012081	.4819	.0034876
%RSD	2.582793	156.6775	2.022590	15.19311	228.7330	.3643292	.4391602
#1	.0515593	-.003604	.3366036	-.020768	-.000664	132.6245	.7961957
#2	.0534627	-.003687	.3268657	-.016494	.000496	132.4879	.7961210
#3	.0508718	.001549	.3238726	-.022322	.001752	131.7299	.7901181
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095995	-.002541	68.42646	.2305085	.1327298	.4792976	239.8715
Stddev	.0000883	.000348	.35077	.0017969	.0022893	.0063177	2.9740
%RSD	.9199996	13.68466	.5126164	.7795159	1.724820	1.318112	1.239828
#1	.0096576	-.002532	68.56251	.2325244	.1348443	.4847216	243.2448
#2	.0094979	-.002198	68.68881	.2299259	.1330467	.4808103	238.7420
#3	.0096431	-.002893	68.02805	.2290753	.1302986	.4723609	237.6277
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.438516	51.18685	.2491419	.0071595	9.639167	.4035826	.5419977
Stddev	.028220	.27333	.0039202	.0005522	.128360	.0011090	.0034730
%RSD	.5188905	.5339829	1.573496	7.712824	1.331651	.2747968	.6407831
#1	5.451773	51.15669	.2523429	.0077568	9.787383	.4047177	.5455848
#2	5.457666	51.47402	.2503133	.0070541	9.564588	.4035284	.5386513
#3	5.406108	50.92986	.2447695	.0066676	9.565529	.4025016	.5417569
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.55555	.3311473	.0070549	.0084951	5.525835	5.171931	7.603566
Stddev	.26594	.0064677	.0002240	.0005364	.029178	.053031	.128755
%RSD	1.359922	1.953113	3.174396	6.313688	.5280241	1.025359	1.693356
#1	19.86130	.3384546	.0072791	.0087434	5.546679	5.233049	7.723130
#2	19.37790	.3261582	.0070544	.0078796	5.538336	5.144652	7.620310
#3	19.42746	.3288292	.0068312	.0088623	5.492490	5.138093	7.467258

Sample Name: Q1440-01 Acquired: 3/3/2025 22:37:33 Type: Unk
 Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.070526	.2268279	.2157935
Stddev	.098506	.0016944	.0013743
%RSD	1.942723	.7469948	.6368378
#1	5.161333	.2286260	.2169756
#2	5.084444	.2252610	.2161193
#3	4.965801	.2265965	.2142856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4218.699	91864.06	19267.42	2746.235	4670.847
Stddev	47.748	741.95	88.20	23.142	69.576
%RSD	1.131822	.8076638	.4577861	.8426734	1.489583
#1	4178.208	91014.47	19326.77	2722.355	4609.649
#2	4206.536	92193.27	19166.06	2768.561	4656.370
#3	4271.352	92384.45	19309.41	2747.788	4746.523

Sample Name: Q1441-01 Acquired: 3/3/2025 22:41:37 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0688597	-.022438	.1441752	-.040092	-.000286	212.2663
Stddev	.0010799	.002696	.0031071	.003159	.000372	1.8366
%RSD	1.568204	12.01636	2.155050	7.880158	130.1903	.8652175
#1	.0681791	-.022512	.1467503	-.038759	-.000091	213.3037
#2	.0701048	-.025096	.1450511	-.043700	-.000052	210.1457
#3	.0682951	-.019705	.1407242	-.037818	-.000714	213.3493
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6244620	.0128095	.0152264	59.55996	.2036046	.2829142
Stddev	.0023395	.0000890	.0021651	.27530	.0021766	.0058854
%RSD	.3746483	.6946249	14.21963	.4622173	1.069052	2.080279
#1	.6258513	.0128637	.0176437	59.66780	.2039623	.2897059
#2	.6217609	.0127068	.0145703	59.24707	.2012712	.2793119
#3	.6257738	.0128581	.0134652	59.76501	.2055802	.2797248
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6212290	429.6728	5.017174	51.49283	.2954380	.0080640
Stddev	.0090689	2.1119	.028724	.27262	.0055105	.0003808
%RSD	1.459825	.4915119	.5725111	.5294411	1.865186	4.722277
#1	.6316840	430.1488	5.034157	51.55186	.3017974	.0080004
#2	.6165152	427.3635	4.984010	51.19553	.2920759	.0084727
#3	.6154878	431.5060	5.033355	51.73111	.2924406	.0077190
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.825297	.7652912	.4730843	8.202281	1.409086	.0051155
Stddev	.054301	.0051742	.0063115	.049190	.006964	.0001689
%RSD	.6939124	.6761120	1.334117	.5997173	.4942192	3.301303
#1	7.842965	.7679061	.4744002	8.226772	1.410697	.0053105
#2	7.764363	.7593314	.4662187	8.145653	1.401458	.0050144
#3	7.868564	.7686361	.4786342	8.234419	1.415104	.0050216

Sample Name: Q1441-01 Acquired: 3/3/2025 22:41:37 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.005896	F 12.29225	4.091610	8.129816	2.669832	.2830881
Stddev	.000548	.05502	.041451	.146233	.065026	.0017116
%RSD	9.292924	.4475836	1.013071	1.798725	2.435586	.6046228
#1	-.005628	12.32009	4.108628	8.297184	2.744895	.2838164
#2	-.005534	12.22887	4.044359	8.065498	2.633907	.2811328
#3	-.006526	12.32778	4.121844	8.026767	2.630694	.2843152

Elem	Sr4077
Units	ppm
Avg	.2327790
Stddev	.0008506
%RSD	.3654204
#1	.2332650
#2	.2317968
#3	.2332753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4914.053	108166.4	22284.85	3270.255	4552.699
Stddev	51.801	935.5	100.76	32.819	74.378
%RSD	1.054148	.8648869	.4521349	1.003566	1.633719
#1	4854.241	108196.5	22273.80	3267.083	4466.822
#2	4943.490	109086.5	22390.67	3304.545	4594.640
#3	4944.429	107216.2	22190.07	3239.137	4596.635

Sample Name: Q1447-02DUP Acquired: 3/3/2025 22:45:57 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.004118	-.006198	.1002152	.0045326	.0017744	.0422540	.6230256
Stddev	.001845	.001105	.0022676	.0009776	.0005330	.0012774	.0054334
%RSD	44.81266	17.82340	2.262713	21.56730	30.03740	3.023216	.8720915
#1	-.003010	-.005488	.1007513	.0046275	.0023654	.0429882	.6211544
#2	-.003095	-.005634	.1021667	.0035111	.0016277	.0407790	.6291473
#3	-.006248	-.007471	.0977276	.0054593	.0013301	.0429948	.6187752
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001437	.0018413	28.73821	.0007939	.0010466	.0153993	.0760872
Stddev	.0000397	.0000397	.20583	.0001803	.0001896	.0000666	.0024861
%RSD	27.66726	2.157958	.7162282	22.70522	18.11605	.4326525	3.267389
#1	.0000980	.0018853	28.65550	.0010002	.0009491	.0153251	.0742811
#2	.0001622	.0018081	28.97253	.0007152	.0012651	.0154539	.0789226
#3	.0001708	.0018306	28.58660	.0006664	.0009256	.0154189	.0750578
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8683290	5.194615	.0079131	-.000249	345.3731	-.000470	.3549751
Stddev	.0070705	.028736	.0001750	.000090	4.5335	.000409	.0037715
%RSD	.8142675	.5531865	2.211969	36.24771	1.312636	86.95289	1.062467
#1	.8650079	5.205357	.0080434	-.000163	340.5173	-.000604	.3506480
#2	.8764487	5.216433	.0077142	-.000343	349.4946	-.000011	.3567126
#3	.8635305	5.162056	.0079818	-.000240	346.1075	-.000795	.3575647
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.377086	.1423015	.0003102	.0018450	-.000341	2.001607	.0201288
Stddev	.037037	.0008786	.0000187	.0009292	.000273	.028686	.0030025
%RSD	1.558097	.6174200	6.020458	50.36163	80.15195	1.433164	14.91643
#1	2.334341	.1418309	.0002889	.0021507	-.000094	1.971696	.0211472
#2	2.397263	.1433152	.0003237	.0025827	-.000293	2.004239	.0167496
#3	2.399654	.1417585	.0003179	.0008015	-.000634	2.028887	.0224897

Sample Name: Q1447-02DUP Acquired: 3/3/2025 22:45:57 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.305546	-.009497	.1439127
Stddev	.009093	.000991	.0010642
%RSD	.6965212	10.43578	.7394642
#1	1.304280	-.010289	.1433164
#2	1.315206	-.008386	.1451413
#3	1.297152	-.009817	.1432804

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.085	77465.44	15649.00	2332.596	4638.641
Stddev	14.926	679.57	104.86	15.320	23.573
%RSD	.4277863	.8772604	.6700552	.6567868	.5081795
#1	3484.487	78214.10	15627.04	2350.193	4639.508
#2	3476.999	77294.74	15556.86	2325.366	4614.647
#3	3505.769	76887.50	15763.10	2322.229	4661.769

Sample Name: Q1447-02LX5 Acquired: 3/3/2025 22:50:21 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.001012	-.001553	.0215491	-.000307	.0003652	.0102246	.1303193
Stddev	.001937	.000328	.0005684	.001024	.0009704	.0024379	.0018890
%RSD	191.3895	21.09848	2.637651	333.4500	265.7356	23.84396	1.449510
#1	-.003098	-.001383	.0214320	-.000122	-.000284	.0076396	.1282221
#2	-.000671	-.001930	.0210484	.000612	.001481	.0124825	.1308484
#3	.000732	-.001345	.0221670	-.001411	-.000102	.0105516	.1318873
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000447	.0004401	6.279834	-.000031	.0004023	.0036616	.0156158
Stddev	.0000094	.0000130	.086321	.000467	.0000489	.0001854	.0026766
%RSD	21.03271	2.942570	1.374583	1492.435	12.14513	5.062958	17.14027
#1	.0000356	.0004288	6.181216	-.000391	.0004063	.0038637	.0152937
#2	.0000544	.0004542	6.316600	.000496	.0004490	.0036217	.0131148
#3	.0000441	.0004372	6.341685	-.000199	.0003516	.0034994	.0184389
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1915289	1.133872	.0016146	-.000315	72.12762	-.001126	.0790213
Stddev	.0023235	.033544	.0001435	.000152	.49689	.001155	.0004018
%RSD	1.213123	2.958334	8.886628	48.10111	.6889017	102.6479	.5084392
#1	.1891701	1.095404	.0014607	-.000142	71.80115	.000016	.0788303
#2	.1916012	1.149197	.0016382	-.000379	72.69946	-.001098	.0794829
#3	.1938154	1.157017	.0017448	-.000424	71.88224	-.002294	.0787507
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5522779	.0360845	.0000633	.0004290	.0000893	.4205361	.0031702
Stddev	.0119389	.0011954	.0001290	.0011684	.0006898	.0070912	.0040357
%RSD	2.161752	3.312736	204.0392	272.3364	772.4243	1.686226	127.3010
#1	.5385103	.0351775	.0001530	.0005474	.0007910	.4130988	.0002762
#2	.5585470	.0356369	-.000085	-.000794	-.000588	.4212884	.0014541
#3	.5597762	.0374391	.000121	.001534	.000065	.4272211	.0077803

Sample Name: Q1447-02LX5 Acquired: 3/3/2025 22:50:21 Type: Unk
 Method: NON EPA-6010-200.7(v2750) 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	.3097024	.0025607	.0307746
Stddev	.0032345	.0010245	.0004180
%RSD	1.044391	40.00963	1.358373
#1	.3134166	.0016170	.0302938
#2	.3075058	.0036504	.0309780
#3	.3081847	.0024148	.0310520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3651.313	79373.12	15432.67	2383.274	5022.012
Stddev	36.621	601.61	171.39	27.217	50.298
%RSD	1.002964	.7579500	1.110557	1.141985	1.001560
#1	3622.629	79548.24	15630.56	2383.448	4981.167
#2	3692.563	78703.38	15331.33	2355.970	5078.193
#3	3638.745	79867.73	15336.14	2410.403	5006.676

Sample Name: Q1447-02MS Acquired: 3/3/2025 22:54:40 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.9522713	2.118556	1.198020	2.282791	.9362037	2.213077	.8183859
Stddev	.0201083	.033136	.020786	.041532	.0201587	.013571	.0046501
%RSD	2.111612	1.564093	1.735026	1.819350	2.153236	.6132233	.5681992
#1	.9342002	2.083411	1.177907	2.246228	.9150717	2.208669	.8165338
#2	.9486805	2.123029	1.196733	2.274199	.9383168	2.228305	.8236766
#3	.9739330	2.149229	1.219419	2.327948	.9552226	2.202259	.8149473
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2138365	.2303455	28.79219	.4663833	.2328282	.3526676	3.871855
Stddev	.0007135	.0038025	.15637	.0007644	.0034689	.0064918	.031620
%RSD	.3336742	1.650795	.5431142	.1638930	1.489903	1.840755	.8166537
#1	.2130155	.2268376	28.72461	.4672119	.2297097	.3464842	3.877135
#2	.2143073	.2298126	28.97098	.4662323	.2322104	.3520896	3.900502
#3	.2141866	.2343864	28.68097	.4657057	.2365645	.3594290	3.837928
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.047500	7.121775	.5806081	.0854480	341.4965	.3380169	.5795143
Stddev	.005162	.050751	.0102750	.0000737	1.0013	.0037709	.0012069
%RSD	.4928215	.7126115	1.769689	.0862892	.2932178	1.115607	.2082600
#1	1.045356	7.086800	.5708111	.0853911	341.9233	.3358961	.5804390
#2	1.053388	7.179984	.5797109	.0854216	340.3525	.3423707	.5799550
#3	1.043754	7.098543	.5913022	.0855313	342.2138	.3357839	.5781490
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83946	.4299295	.4877698	.8097694	.2211925	2.970383	6.973373
Stddev	.07316	.0017881	.0086891	.0114117	.0013933	.011207	.111495
%RSD	.4930104	.4159010	1.781390	1.409256	.6298869	.3772748	1.598873
#1	14.88602	.4281158	.4793630	.7987741	.2201483	2.971687	6.869465
#2	14.87723	.4316908	.4872304	.8089779	.2227745	2.980881	6.959497
#3	14.75514	.4299819	.4967161	.8215563	.2206546	2.958582	7.091157

Sample Name: Q1447-02MS Acquired: 3/3/2025 22:54:40 Type: Unk
 Method: NON EPA-6010-200.7(v2750) 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	1.212369	.2171496	.3597369
Stddev	.014992	.0022581	.0019896
%RSD	1.236612	1.039870	.5530783
#1	1.197160	.2150186	.3583879
#2	1.212812	.2195163	.3620219
#3	1.227135	.2169140	.3588010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.513	76687.53	15719.28	2292.491	4661.478
Stddev	56.009	72.71	54.50	9.743	70.976
%RSD	1.595020	.0948168	.3467096	.4250149	1.522610
#1	3564.207	76716.43	15778.16	2284.533	4727.655
#2	3517.641	76604.81	15670.60	2289.583	4670.258
#3	3452.692	76741.35	15709.09	2303.358	4586.520

Sample Name: Q1447-02MSD Acquired: 3/3/2025 22:58:48 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.8944160	1.996975	1.126127	2.140594	.8761601	2.087879	.7578698
Stddev	.0043560	.035296	.006046	.010569	.0023139	.034111	.0104913
%RSD	.4870178	1.767467	.5369273	.4937234	.2641011	1.633754	1.384310
#1	.8981233	2.036782	1.132986	2.151617	.8787499	2.127112	.7697812
#2	.8955062	1.984649	1.123825	2.130547	.8754346	2.071280	.7538264
#3	.8896185	1.969496	1.121569	2.139618	.8742959	2.065244	.7500019
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2069328	.2153381	26.93678	.4348111	.2174724	.3339050	3.369532
Stddev	.0029531	.0010550	.36502	.0167260	.0009679	.0007200	.103044
%RSD	1.427090	.4899262	1.355102	3.846722	.4450873	.2156349	3.058117
#1	.2101408	.2165131	27.35027	.4515565	.2183167	.3346712	3.476112
#2	.2043277	.2150289	26.80078	.4181046	.2176845	.3338014	3.270431
#3	.2063298	.2144722	26.65928	.4347723	.2164160	.3332424	3.362052
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9840091	6.703807	.5462980	.0793062	307.2186	.3157768	.5369668
Stddev	.0085671	.079936	.0023326	.0026686	8.2711	.0036198	.0196662
%RSD	.8706283	1.192398	.4269849	3.364967	2.692256	1.146329	3.662451
#1	.9936897	6.787369	.5489874	.0819963	313.8920	.3199566	.5557353
#2	.9809321	6.628073	.5450817	.0766596	297.9649	.3137084	.5165116
#3	.9774055	6.695979	.5448249	.0792628	309.7989	.3136655	.5386535
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.38201	.4177591	.4538932	.7599692	.2070692	2.674323	6.554589
Stddev	.47277	.0080122	.0012670	.0050078	.0026845	.078413	.047615
%RSD	3.532895	1.917901	.2791354	.6589491	1.296416	2.932073	.7264451
#1	13.89642	.4247090	.4552395	.7650543	.2101566	2.753298	6.606613
#2	12.96653	.4089955	.4537158	.7598109	.2052861	2.596484	6.543982
#3	13.28309	.4195727	.4527243	.7550424	.2057647	2.673188	6.513170

Sample Name: Q1447-02MSD Acquired: 3/3/2025 22:58:48 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.150022	.2060470	.3352670
Stddev	.020153	.0028041	.0047479
%RSD	1.752407	1.360914	1.416152

#1	1.171217	.2092429	.3406836
#2	1.147743	.2048996	.3332923
#3	1.131105	.2039987	.3318252

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.775	77264.58	15109.75	2298.777	4649.991
Stddev	9.628	2485.71	169.00	73.237	18.090
%RSD	.2743955	3.217146	1.118508	3.185931	.3890236

#1	3499.434	74858.70	14915.90	2228.473	4633.427
#2	3508.223	79823.10	15226.13	2374.632	4647.253
#3	3518.666	77111.94	15187.23	2293.226	4669.294

Sample Name: Q1447-02A Acquired: 3/3/2025 23:02:57 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.8768261	1.959559	1.107352	2.103335	.8620896	2.040021	.7563616
Stddev	.0042534	.023615	.008897	.015363	.0084957	.024024	.0075832
%RSD	.4850903	1.205143	.8034553	.7304010	.9854803	1.177630	1.002587
#1	.8800881	1.985648	1.117564	2.120997	.8718878	2.012774	.7476857
#2	.8720154	1.953388	1.103213	2.095934	.8567733	2.049136	.7596741
#3	.8783750	1.939642	1.101277	2.093073	.8576076	2.058155	.7617250
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1972117	.2113603	26.50553	.4227140	.2141135	.3284876	3.382193
Stddev	.0015763	.0014915	.27169	.0020377	.0016615	.0020785	.008647
%RSD	.7993096	.7056453	1.025049	.4820508	.7760043	.6327515	.2556566
#1	.1954363	.2130419	26.19472	.4236530	.2160195	.3307798	3.385063
#2	.1984469	.2108414	26.62396	.4241129	.2133501	.3279574	3.389041
#3	.1977520	.2101976	26.69790	.4203761	.2129709	.3267255	3.372477
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9705121	6.544734	.5364303	.0767072	305.2346	.3118654	.5221337
Stddev	.0093555	.045922	.0043722	.0007133	1.1206	.0021903	.0028901
%RSD	.9639769	.7016615	.8150475	.9298337	.3671268	.7023161	.5535119
#1	.9604350	6.498533	.5412666	.0767697	306.3900	.3100313	.5254700
#2	.9721793	6.590372	.5352663	.0773872	304.1524	.3112743	.5205326
#3	.9789219	6.545296	.5327579	.0759648	305.1615	.3142905	.5203986
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.34910	.3966965	.4468076	.7464968	.2053535	2.669049	6.381952
Stddev	.00666	.0037094	.0034201	.0073691	.0021219	.013097	.055615
%RSD	.0499027	.9350796	.7654648	.9871558	1.033275	.4906952	.8714390
#1	13.34836	.3926355	.4506708	.7542236	.2030946	2.667962	6.443389
#2	13.35609	.3975476	.4455861	.7457199	.2056611	2.682655	6.367425
#3	13.34283	.3999064	.4441659	.7395469	.2073047	2.656529	6.335043

Sample Name: Q1447-02A Acquired: 3/3/2025 23:02:57 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.119050	.2004740	.3326633
Stddev	.007812	.0015956	.0032024
%RSD	.6980975	.7959214	.9626598
#1	1.127113	.1986388	.3290612
#2	1.118523	.2012496	.3337407
#3	1.111516	.2015335	.3351881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.653	79324.53	15852.79	2355.867	4739.691
Stddev	24.935	474.94	107.93	11.160	34.232
%RSD	.6987297	.5987301	.6808134	.4737125	.7222410
#1	3539.992	79011.99	15977.38	2344.497	4700.273
#2	3580.603	79090.53	15793.01	2356.299	4756.850
#3	3585.364	79871.06	15787.97	2366.805	4761.949

Sample Name: CCV04 Acquired: 3/3/2025 23:07:05 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	4.995263	4.908740	4.951522	5.012632	5.012283	9.716419	9.863081
Stddev	.029011	.044221	.015085	.031331	.032343	.113888	.142281
%RSD	.5807724	.9008576	.3046555	.6250431	.6452772	1.172121	1.442560
#1	5.026920	4.925695	4.968215	5.045609	5.047748	9.808084	9.890676
#2	4.969946	4.858551	4.938865	4.983258	4.984413	9.752249	9.989543
#3	4.988924	4.941974	4.947487	5.009027	5.004690	9.588925	9.709024
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2441884	2.481948	24.13048	.9850529	2.489636	1.254888	4.971853
Stddev	.0040437	.007226	.28929	.0308058	.010857	.006270	.133058
%RSD	1.655971	.2911548	1.198855	3.127325	.4361050	.4996582	2.676217
#1	.2440978	2.490256	24.33625	.9661186	2.501787	1.261558	4.890579
#2	.2482766	2.478463	24.25547	1.020599	2.480888	1.249114	5.125407
#3	.2401908	2.477123	23.79970	.968441	2.486233	1.253992	4.899573
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.434409	24.17156	2.469327	1.228662	25.09324	2.473450	2.460131
Stddev	.032640	.29141	.009708	.037875	.48695	.033393	.073430
%RSD	1.340791	1.205583	.3931546	3.082617	1.940566	1.350062	2.984808
#1	2.453318	24.30108	2.480314	1.203467	24.83898	2.494461	2.413208
#2	2.453191	24.37576	2.461905	1.272218	25.65469	2.490945	2.544753
#3	2.396720	23.83784	2.465764	1.210301	24.78606	2.434945	2.422432
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.73261	4.794871	5.018860	4.964692	4.895730	4.933977	4.861852
Stddev	.47993	.074756	.028096	.020624	.063718	.099971	.029402
%RSD	1.940491	1.559091	.5598125	.4154216	1.301502	2.026169	.6047493
#1	24.48152	4.778441	5.049145	4.987756	4.944018	4.860202	4.894929
#2	25.28600	4.876476	4.993642	4.948022	4.919662	5.047754	4.838688
#3	24.43030	4.729697	5.013793	4.958299	4.823511	4.893974	4.851940

Sample Name: CCV04 Acquired: 3/3/2025 23:07:05 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	4.928679	4.811530	4.989229
Stddev	.029094	.056254	.070768
%RSD	.5903048	1.169143	1.418412
#1	4.951898	4.864923	4.960025
#2	4.896043	4.816870	5.069926
#3	4.938096	4.752796	4.937738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.919	80432.45	15347.43	2390.856	4915.821
Stddev	15.949	1995.60	185.77	52.260	15.378
%RSD	.4375564	2.481082	1.210448	2.185811	.3128227
#1	3628.323	81693.78	15282.92	2421.326	4899.343
#2	3660.130	78131.70	15202.52	2330.513	4929.790
#3	3646.303	81471.87	15556.87	2420.729	4918.330

Sample Name: CCB04 Acquired: 3/3/2025 23:11:15 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.000512	-.000656	-.000703	-.002482	-.001205	.0027557	-.001785
Stddev	.003021	.000824	.000887	.001283	.000404	.0036071	.000899
%RSD	589.9122	125.5403	126.1864	51.69512	33.47775	130.8971	50.36130
#1	-.002808	-.001256	-.001691	-.003706	-.000753	.0033430	-.000781
#2	-.001639	.000283	.000024	-.002592	-.001528	-.001109	-.002058
#3	.002910	-.000996	-.000441	-.001147	-.001335	.006033	-.002516
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000148	.0128954	-.000149	.0001078	-.000096	.0005905
Stddev	.000029	.0000162	.0034533	.000276	.0000468	.000278	.0038943
%RSD	1162.233	109.5992	26.77916	185.0228	43.45152	289.3429	659.4453
#1	-.000034	.0000334	.0098763	.000131	.0001575	.000138	.0042904
#2	.000021	.0000066	.0166608	-.000421	.0000646	-.000023	.0009539
#3	.000006	.0000043	.0121492	-.000158	.0001011	-.000403	-.003473
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000203	-.005134	-.000143	-.000198	.1775047	.0005532	-.000612
Stddev	.000247	.009892	.000083	.000111	.0141628	.0010915	.000455
%RSD	121.6383	192.6663	58.00617	56.19433	7.978854	197.2816	74.33995
#1	-.000311	-.016523	-.000223	-.000118	.1612712	-.000120	-.000160
#2	.000079	-.000186	-.000057	-.000151	.1873366	-.000033	-.000606
#3	-.000377	.001307	-.000150	-.000325	.1839063	.001813	-.001069
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1787477	.0075670	.0003302	-.000194	.0005890	-.001278	-.000525
Stddev	.0180969	.0009811	.0001056	.000461	.0004818	.007197	.002651
%RSD	10.12430	12.96525	31.96460	237.5845	81.80255	563.0948	504.6261
#1	.1607973	.0070615	.0004261	-.000702	.0000408	-.009421	-.001919
#2	.1784580	.0086977	.0003474	-.000077	.0007810	.001353	.002532
#3	.1969877	.0069417	.0002171	.000197	.0009452	.004234	-.002189

Sample Name: CCB04 Acquired: 3/3/2025 23:11:15 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0000043	.0022593	.0000538
Stddev	.0014133	.0006079	.0000141
%RSD	33173.76	26.90582	26.26148
#1	-.001169	.0026232	.0000500
#2	.001573	.0015575	.0000694
#3	-.000391	.0025971	.0000420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3744.864	83683.95	15042.15	2490.432	5449.365
Stddev	21.912	751.68	200.66	17.462	32.789
%RSD	.5851225	.8982321	1.334004	.7011687	.6017016
#1	3753.243	84496.94	14820.38	2509.036	5466.886
#2	3761.351	83540.69	15094.91	2487.865	5469.672
#3	3719.999	83014.21	15211.17	2474.396	5411.538

Sample Name: Q1439-02DUP Acquired: 3/3/2025 23:15:36 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.002070	-.005143	-.001997	-.000844	.0000844	.0059209
Stddev	.003698	.001198	.000978	.001779	.0016750	.0065361
%RSD	178.6488	23.29945	48.98172	210.8307	1983.696	110.3916
#1	-.001643	-.006452	-.001739	-.002863	.0019060	.0039363
#2	-.005963	-.004100	-.003078	.000492	-.001389	.0132192
#3	.001396	-.004877	-.001173	-.000160	-.000263	.0006070
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1555890	-.000142	.0000310	112.8260	.0055860	-.000134
Stddev	.0010029	.000061	.0000716	.4743	.0004682	.000135
%RSD	.6445673	43.26877	231.1578	.4203729	8.380859	100.2769
#1	.1546310	-.000081	.0001042	112.3270	.0058756	-.000200
#2	.1566314	-.000140	.0000274	112.8801	.0058366	.000021
#3	.1555045	-.000204	-.000039	113.2709	.0050459	-.000223
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037329	.8162641	.3564353	21.93382	.0184349	-.000610
Stddev	.0003693	.0138928	.0009858	.10804	.0000567	.000319
%RSD	9.893557	1.701995	.2765733	.4925504	.3077630	52.29211
#1	.0039062	.8259217	.3555821	21.89447	.0184859	-.000959
#2	.0033088	.8225285	.3575145	21.85098	.0184449	-.000539
#3	.0039838	.8003422	.3562093	22.05602	.0183738	-.000333
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	212.8069	.0043622	.0796563	17.59940	.2625646	.0089030
Stddev	3.7285	.0024751	.0019869	.37734	.0007763	.0002577
%RSD	1.752065	56.73985	2.494406	2.144047	.2956775	2.894536
#1	216.8210	.0015273	.0805343	17.84242	.2616684	.0091932
#2	212.1477	.0060939	.0810531	17.79108	.2630315	.0087009
#3	209.4519	.0054655	.0773816	17.16469	.2629939	.0088150

Sample Name: Q1439-02DUP Acquired: 3/3/2025 23:15:36 Type: Unk
 Method: NON EPA-6010-200.7(v2750) 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	-0.003065	-0.002754	F 12.00292	.1469702	F 27.62087	-.014806
Stddev	.001174	.000420	.24568	.0012468	.09767	.000863
%RSD	38.28274	15.25929	2.046854	.8483032	.3535977	5.827677
#1	-0.003804	-0.002275	12.18985	.1455307	27.50834	-.013835
#2	-0.003680	-0.003059	12.09427	.1476713	27.68362	-.015483
#3	-0.001712	-0.002927	11.72465	.1477086	27.67064	-.015101

Elem	Sr4077
Units	ppm
Avg	1.187273
Stddev	.010025
%RSD	.8443666
#1	1.176135
#2	1.195572
#3	1.190112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3509.321	77606.19	15590.32	2304.213	4715.241
Stddev	.977	1495.34	87.01	45.806	4.951
%RSD	.0278399	1.926837	.5580993	1.987911	.1049981
#1	3508.205	76396.38	15635.01	2262.740	4719.881
#2	3510.020	77144.18	15645.90	2296.523	4715.813
#3	3509.740	79278.02	15490.05	2353.378	4710.029

Sample Name: Q1439-02LX5 Acquired: 3/3/2025 23:20:06 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.000612	.0003748	-.000140	-.000686	-.000803	-.001152	.0356187
Stddev	.001188	.0009593	.001598	.004343	.001213	.006357	.0011746
%RSD	194.1067	255.9399	1144.398	633.3677	151.0839	551.6903	3.297646
#1	.000532	-.000242	-.001413	-.005691	-.002088	-.008448	.0367987
#2	-.001840	-.000114	.001654	.001546	-.000642	.001795	.0344496
#3	-.000528	.001480	-.000660	.002088	.000322	.003196	.0356078
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0000152	26.45804	.0022596	.0000725	.0009891	.1868947
Stddev	.000043	.0000300	.57241	.0002889	.0000488	.0003022	.0076644
%RSD	88.42213	197.7995	2.163476	12.78462	67.37516	30.54860	4.100914
#1	-.000097	.0000357	26.68891	.0025921	.0000167	.0006453	.1927224
#2	-.000036	.0000290	25.80625	.0020706	.0001075	.0012126	.1782127
#3	-.000013	-.000019	26.87897	.0021161	.0000933	.0011095	.1897489
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832992	5.163440	.0041629	-.000561	46.13296	.0019041	.0180638
Stddev	.0016565	.087608	.0002708	.000116	.72352	.0007870	.0006279
%RSD	1.988605	1.696693	6.505236	20.62455	1.568332	41.33236	3.475763
#1	.0838627	5.194828	.0038740	-.000528	46.78527	.0027842	.0183925
#2	.0814344	5.064462	.0044110	-.000465	45.35476	.0012681	.0173399
#3	.0846003	5.231030	.0042036	-.000689	46.25885	.0016600	.0184591
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.801450	.0700055	.0021751	-.001668	-.000456	2.614979	.0332966
Stddev	.068734	.0001298	.0001910	.000558	.000685	.041769	.0008514
%RSD	1.808103	.1854001	8.781738	33.46041	150.1980	1.597311	2.557114
#1	3.817086	.0701515	.0020631	-.001764	-.000781	2.648964	.0336499
#2	3.726245	.0699617	.0020666	-.002173	-.000919	2.568348	.0323254
#3	3.861020	.0699033	.0023957	-.001069	.000331	2.627626	.0339146

Sample Name: Q1439-02LX5 Acquired: 3/3/2025 23:20:06 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	6.177850	.0016778	.2732239
Stddev	.052058	.0004873	.0063187
%RSD	.8426630	29.04542	2.312648
#1	6.123629	.0012157	.2755712
#2	6.182485	.0021869	.2660675
#3	6.227436	.0016307	.2780331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.950	81317.26	15343.26	2474.227	5181.744
Stddev	21.003	1159.51	261.96	36.107	35.762
%RSD	.5603876	1.425904	1.707311	1.459308	.6901600
#1	3771.076	80149.03	15209.49	2443.220	5220.171
#2	3742.713	82467.84	15645.10	2513.868	5175.625
#3	3730.061	81334.90	15175.20	2465.593	5149.436

Sample Name: Q1439-02MS Acquired: 3/3/2025 23:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.8127514	1.797306	.9362062	1.897243	1.348344	1.838198
Stddev	.0128613	.003765	.0163044	.031717	.022364	.026025
%RSD	1.582438	.2094737	1.741540	1.671754	1.658598	1.415810

#1	.7987528	1.793016	.9189583	1.861592	1.323133	1.838619
#2	.8240451	1.798837	.9513658	1.922330	1.365790	1.811964
#3	.8154562	1.800064	.9382945	1.907807	1.356110	1.864010

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3379017	.1823150	.1915628	110.3462	.3911544	.1950852
Stddev	.0039044	.0012439	.0033757	1.2257	.0100849	.0031676
%RSD	1.155489	.6822843	1.762198	1.110763	2.578237	1.623699

#1	.3401423	.1833366	.1877717	110.9614	.3818718	.1916687
#2	.3333933	.1809298	.1942431	108.9348	.4018850	.1979245
#3	.3401694	.1826786	.1926737	111.1425	.3897065	.1956624

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2949016	3.829657	.5317829	22.96811	.5029020	.0605779
Stddev	.0050067	.096845	.0068151	.29244	.0085502	.0015161
%RSD	1.697763	2.528810	1.281555	1.273248	1.700166	2.502717

#1	.2891699	3.737598	.5334373	23.16085	.4935839	.0591073
#2	.2984219	3.930666	.5242929	22.63162	.5103869	.0621357
#3	.2971130	3.820706	.5376185	23.11187	.5047351	.0604907

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	212.5326	.2885993	.2748497	27.84811	.5026318	.7023084
Stddev	5.4599	.0033636	.0075740	.68003	.0052055	.0110400
%RSD	2.568989	1.165497	2.755676	2.441932	1.035657	1.571967

#1	206.8475	.2917662	.2670488	27.16319	.5062996	.6900400
#2	217.7354	.2850685	.2821743	28.52315	.4966738	.7114424
#3	213.0150	.2889631	.2753261	27.85798	.5049220	.7054426

Sample Name: Q1439-02MS Acquired: 3/3/2025 23:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.149245	.3122321	F 13.12328	6.101077	F 27.51254	.1787459
Stddev	.017156	.0025024	.32329	.093114	.41163	.0014928
%RSD	1.492782	.8014622	2.463512	1.526187	1.496160	.8351418
#1	1.130321	.3131771	12.80348	5.994822	27.04234	.1798572
#2	1.163779	.3093948	13.44996	6.168442	27.80786	.1770492
#3	1.153634	.3141245	13.11640	6.139966	27.68741	.1793314

Elem	Sr4077
Units	ppm
Avg	1.350482
Stddev	.027511
%RSD	2.037104
#1	1.353351
#2	1.321649
#3	1.376445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.147	77922.52	15858.40	2345.941	4669.438
Stddev	43.390	1507.33	240.95	43.433	60.399
%RSD	1.242498	1.934399	1.519408	1.851416	1.293506
#1	3541.440	79406.98	15668.81	2391.867	4736.730
#2	3459.732	76393.31	16129.55	2305.528	4619.921
#3	3475.270	77967.26	15776.83	2340.427	4651.663

Sample Name: Q1439-02MSD Acquired: 3/3/2025 23:28:37 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.8142249	1.782764	.9282373	1.894358	1.346817	1.875808
Stddev	.0072881	.021004	.0082032	.013193	.006455	.024211
%RSD	.8951022	1.178163	.8837366	.6964243	.4792724	1.290680
#1	.8063765	1.765982	.9193281	1.879195	1.339541	1.861014
#2	.8155187	1.775992	.9299057	1.900669	1.349056	1.903748
#3	.8207795	1.806319	.9354780	1.903209	1.351855	1.862662
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3337335	.1843033	.1904253	111.5143	.3975817	.1943912
Stddev	.0065185	.0026549	.0013070	2.1956	.0105327	.0009638
%RSD	1.953207	1.440518	.6863853	1.968937	2.649201	.4957985
#1	.3286318	.1818087	.1889996	109.6718	.4005868	.1932854
#2	.3410771	.1870937	.1907093	113.9438	.3858730	.1948355
#3	.3314917	.1840074	.1915670	110.9274	.4062853	.1950526
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2925686	3.827506	.5318504	23.37073	.4992557	.0610393
Stddev	.0023637	.059744	.0112378	.50595	.0033140	.0015622
%RSD	.8079119	1.560915	2.112963	2.164886	.6637897	2.559333
#1	.2900361	3.829587	.5222904	22.90247	.4959513	.0618178
#2	.2929535	3.766748	.5442293	23.90741	.4992365	.0592409
#3	.2947163	3.886182	.5290316	23.30230	.5025793	.0620593
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	212.4093	.2894225	.2785886	27.70417	.5099860	.7000223
Stddev	4.7453	.0040239	.0057776	.55644	.0092534	.0043248
%RSD	2.234043	1.390334	2.073898	2.008517	1.814444	.6178156
#1	214.2283	.2865791	.2801525	27.90563	.5002424	.6951095
#2	207.0236	.2940267	.2721900	27.07506	.5186554	.7017024
#3	215.9761	.2876616	.2834234	28.13183	.5110602	.7032550

Sample Name: Q1439-02MSD Acquired: 3/3/2025 23:28:37 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.143666	.3142438	F 13.29397	6.036051	F 27.27557	.1801160
Stddev	.008578	.0071305	.23692	.039104	.19367	.0024673
%RSD	.7500725	2.269090	1.782175	.6478397	.7100532	1.369824
#1	1.134628	.3080057	13.36326	5.992326	27.07039	.1784388
#2	1.144674	.3220167	13.03013	6.048153	27.30112	.1829490
#3	1.151695	.3127089	13.48852	6.067673	27.45519	.1789602

Elem	Sr4077
Units	ppm
Avg	1.336983
Stddev	.009137
%RSD	.6834231
#1	1.328073
#2	1.346332
#3	1.336543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.898	76827.74	15554.84	2259.176	4699.113
Stddev	22.944	1608.22	290.07	38.699	30.670
%RSD	.6544391	2.093278	1.864802	1.712972	.6526768
#1	3532.200	76496.57	15823.18	2243.823	4733.254
#2	3495.497	78575.77	15247.08	2303.196	4690.192
#3	3489.996	75410.89	15594.27	2230.509	4673.892

Sample Name: Q1439-02A Acquired: 3/3/2025 23:32:52 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.257671	2.791737	1.438563	2.941717	.7872943	2.934072
Stddev	.007357	.019358	.002214	.013105	.0014342	.051992
%RSD	.5849979	.6934121	.1539303	.4454824	.1821676	1.772023
#1	1.249532	2.778352	1.436008	2.927105	.7880483	2.875171
#2	1.263851	2.782926	1.439914	2.945613	.7856403	2.973585
#3	1.259631	2.813934	1.439768	2.952431	.7881941	2.953459
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4244217	.2935210	.2956101	109.6016	.6207566	.3029878
Stddev	.0062079	.0038626	.0015319	1.6276	.0023140	.0009585
%RSD	1.462680	1.315965	.5182113	1.485057	.3727665	.3163386
#1	.4174520	.2890925	.2938454	107.7410	.6181212	.3019873
#2	.4293576	.2952755	.2963883	110.7622	.6224557	.3030783
#3	.4264556	.2961950	.2965967	110.3015	.6216929	.3038978
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4476181	5.282715	.6252590	24.06172	.7602897	.0446362
Stddev	.0018522	.044378	.0078328	.34444	.0034667	.0001484
%RSD	.4137819	.8400573	1.252733	1.431465	.4559690	.3325103
#1	.4456327	5.259467	.6166576	23.66805	.7565158	.0446115
#2	.4479221	5.333887	.6319813	24.30755	.7610210	.0447954
#3	.4492994	5.254792	.6271382	24.20958	.7633325	.0445017
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	207.1935	.4497311	.3890322	32.25705	.6634877	.4163041
Stddev	2.2298	.0064077	.0039690	.19977	.0106504	.0019400
%RSD	1.076202	1.424780	1.020228	.6193218	1.605209	.4659954
#1	207.5627	.4423593	.3848258	32.09839	.6512608	.4142296
#2	209.2157	.4528680	.3927110	32.48140	.6684581	.4166093
#3	204.8022	.4539659	.3895599	32.19136	.6707443	.4180734

Sample Name: Q1439-02A Acquired: 3/3/2025 23:32:52 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.6694945	.1821523	F 12.31521	9.157906	F 26.49804	.2865991
Stddev	.0015733	.0030276	.09104	.028671	.15162	.0044086
%RSD	.2350008	1.662101	.7392242	.3130714	.5721823	1.538247
#1	.6679183	.1788767	12.22498	9.126676	26.32847	.2820508
#2	.6710649	.1848480	12.40703	9.164007	26.54511	.2908532
#3	.6695004	.1827321	12.31363	9.183035	26.62054	.2868933

Elem	Sr4077
Units	ppm
Avg	1.399364
Stddev	.020655
%RSD	1.476006
#1	1.379987
#2	1.397010
#3	1.421095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.455	77214.35	15254.08	2265.208	4754.603
Stddev	5.814	483.51	231.43	14.472	13.389
%RSD	.1643603	.6261886	1.517162	.6388808	.2815994
#1	3542.123	77731.14	15520.78	2280.528	4769.267
#2	3539.300	76772.99	15106.10	2251.768	4751.512
#3	3530.943	77138.90	15135.37	2263.327	4743.029

Sample Name: PB166904BL Acquired: 3/3/2025 23:42:22 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0008254	-.000129	-.000062	-.002598	-.000163	.0016758	-.000770
Stddev	.0008153	.001126	.000840	.001433	.000814	.0020373	.001852
%RSD	98.77680	875.9187	1359.432	55.15856	499.3888	121.5713	240.6102
#1	.0003154	-.001181	-.000371	-.000957	-.000871	.0035741	.001294
#2	.0017658	.001059	.000889	-.003236	-.000344	.0019297	-.002287
#3	.0003951	-.000263	-.000704	-.003602	.000726	-.000477	-.001315
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000085	-.000005	.0048726	-.000100	.0001081	.0003949	-.002982
Stddev	.0000080	.000027	.0043188	.000122	.0000932	.0003073	.001750
%RSD	95.19156	506.9632	88.63475	121.6260	86.21529	77.81309	58.68045
#1	.0000177	-.000029	.0000482	-.000078	.0001860	.0005539	-.001155
#2	.0000041	-.000011	.0083786	.000009	.0001334	.0005902	-.004643
#3	.0000035	.000024	.0061911	-.000232	.0000049	.0000407	-.003147
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002043	-.001218	-.000128	-.000278	.1608280	-.000897	-.000671
Stddev	.0002933	.018882	.000405	.000276	.0152638	.001015	.000229
%RSD	143.5514	1549.774	316.5573	99.42852	9.490736	113.1276	34.09520
#1	-.000053	.019984	.000290	-.000574	.1450051	-.000415	-.000933
#2	.000142	-.016219	-.000520	-.000233	.1620158	-.002063	-.000576
#3	.000524	-.007421	-.000154	-.000027	.1754632	-.000213	-.000506
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0808074	.0016549	.0002265	.0000331	-.000454	-.007016	.0015299
Stddev	.0113969	.0001080	.0000959	.0006665	.000237	.002908	.0028583
%RSD	14.10378	6.527431	42.32294	2015.308	52.25888	41.45051	186.8222
#1	.0686476	.0015616	.0002423	.0007880	-.000312	-.007800	-.001770
#2	.0912455	.0016298	.0001238	-.000474	-.000727	-.003796	.003136
#3	.0825292	.0017732	.0003136	-.000215	-.000322	-.009451	.003224

Sample Name: PB166904BL Acquired: 3/3/2025 23:42:22 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.000167	.0048502	.0000143
Stddev	.001095	.0004266	.0000175
%RSD	654.1228	8.794837	122.4478
#1	.000201	.0043617	-.000001
#2	.000696	.0051493	.000011
#3	-.001399	.0050397	.000033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3864.830	86565.60	16044.34	2553.461	5655.935
Stddev	7.618	1304.57	267.41	25.086	17.536
%RSD	.1971070	1.507029	1.666715	.9824485	.3100386
#1	3858.216	88044.60	15755.61	2582.392	5641.295
#2	3863.115	86073.77	16093.93	2540.253	5651.139
#3	3873.159	85578.45	16283.49	2537.739	5675.369

Sample Name: PB166904BS Acquired: 3/3/2025 23:46:41 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.7632387	1.807012	.9028418	1.787927	.7848068	1.860958
Stddev	.0108995	.038190	.0157128	.030206	.0129524	.020135
%RSD	1.428060	2.113453	1.740371	1.689428	1.650391	1.081990
#1	.7509130	1.763741	.8847629	1.753055	.7701721	1.879316
#2	.7716054	1.836011	.9132072	1.805971	.7947951	1.864135
#3	.7671978	1.821285	.9105551	1.804754	.7894530	1.839423
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1840783	.1768667	.1784249	.9329516	.3885760	.1869482
Stddev	.0006424	.0007366	.0029003	.0007715	.0020987	.0036294
%RSD	.3489712	.4164717	1.625512	.0826991	.5400943	1.941406
#1	.1847608	.1777051	.1751010	.9334716	.3878201	.1827669
#2	.1834854	.1763233	.1804411	.9320651	.3869599	.1892850
#3	.1839886	.1765717	.1797326	.9333181	.3909479	.1887926
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2953680	2.897224	.1928286	1.856053	.4645251	.0679633
Stddev	.0047258	.022402	.0016491	.010063	.0088238	.0004070
%RSD	1.599955	.7732066	.8552171	.5421851	1.899535	.5987926
#1	.2899215	2.873781	.1947318	1.865657	.4544497	.0680158
#2	.2983820	2.899476	.1919310	1.845586	.4708763	.0675326
#3	.2978004	2.918414	.1918229	1.856915	.4682493	.0683414
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.794390	.2871990	.1860805	9.105745	.2484997	.4213218
Stddev	.005699	.0036956	.0005138	.007033	.0009725	.0072969
%RSD	.2039378	1.286768	.2761064	.0772379	.3913632	1.731911
#1	2.788959	.2911258	.1861199	9.097629	.2493361	.4128993
#2	2.793886	.2837890	.1855481	9.110048	.2474325	.4257344
#3	2.800323	.2866824	.1865734	9.109559	.2487305	.4253317

Sample Name: PB166904BS Acquired: 3/3/2025 23:46:41 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.6603122	.1929108	.7857571	4.974770	F -.004420	.1808311
Stddev	.0114042	.0011108	.0063307	.099131	.000466	.0018998
%RSD	1.727089	.5758094	.8056765	1.992665	10.54034	1.050582
#1	.6471476	.1941906	.7838751	4.861202	-.004958	.1815893
#2	.6666218	.1923456	.7805809	5.043942	-.004142	.1822347
#3	.6671673	.1921963	.7928154	5.019168	-.004160	.1786693

Elem	Sr4077
Units	ppm
Avg	.1898651
Stddev	.0014004
%RSD	.7375722
#1	.1912213
#2	.1899495
#3	.1884244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3784.531	85650.58	16107.91	2501.865	5487.865
Stddev	50.959	385.37	64.88	5.475	75.456
%RSD	1.346513	.4499317	.4027748	.2188227	1.374970
#1	3843.351	85846.29	16033.53	2507.503	5574.757
#2	3756.532	85898.82	16152.86	2501.521	5438.845
#3	3753.710	85206.63	16137.34	2496.570	5449.993

Sample Name: PB166926BL Acquired: 3/3/2025 23:55:38 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0016012	-.000434	-.000513	.0000063	-.000782	.0018998	-.001841
Stddev	.0012158	.000815	.001025	.0013696	.000485	.0024331	.000359
%RSD	75.92798	187.5455	199.9964	21908.86	62.02539	128.0714	19.47994
#1	.0006166	-.001341	-.000121	.0015230	-.000234	.0028320	-.001556
#2	.0029601	-.000198	-.001676	-.001140	-.001158	.0037290	-.002244
#3	.0012269	.000236	.000259	-.000364	-.000954	-.000862	-.001724
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000443	-.000016	.0025975	.0001413	.0001700	-.000292	-.000049
Stddev	.0000240	.000079	.0079166	.0002333	.0003069	.000061	.002287
%RSD	54.08905	506.5208	304.7791	165.1729	180.5164	21.04965	4699.271
#1	.0000546	.000055	-.005278	.0004089	.0001552	-.000254	.001726
#2	.0000169	-.000100	.010554	.0000344	.0004841	-.000259	.000757
#3	.0000614	-.000002	.002517	-.000019	-.000129	-.000362	-.002629
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003246	.0104085	-.000070	-.000214	.0697940	-.000623	-.000567
Stddev	.0000786	.0022583	.000049	.000431	.0172908	.000478	.000230
%RSD	24.20825	21.69672	69.21513	201.7157	24.77411	76.73490	40.53315
#1	.0002465	.0079620	-.000063	-.000676	.0573057	-.000748	-.000702
#2	.0004037	.0124134	-.000026	-.000141	.0625472	-.000095	-.000302
#3	.0003237	.0108501	-.000122	.000176	.0895291	-.001026	-.000697
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0363904	.0013831	.0001041	-.000180	-.000031	-.002068	-.000243
Stddev	.0396127	.0005923	.0001083	.000859	.000102	.001784	.000602
%RSD	108.8548	42.82314	104.0166	476.2055	329.4004	86.24554	247.9685
#1	.0011174	.0015203	.0001406	-.001167	-.000144	-.000055	-.000654
#2	.0792465	.0007342	.0001895	.000398	.000054	-.002698	-.000524
#3	.0288073	.0018947	-.000018	.000228	-.000003	-.003451	.000449

Sample Name: PB166926BL Acquired: 3/3/2025 23:55:38 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.003856	.0002766	-.000008
Stddev	.000395	.0010087	.000036
%RSD	10.23467	364.6606	464.5190
#1	-.004305	.0011415	.000017
#2	-.003564	-.000831	-.000049
#3	-.003699	.000520	.000009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3888.769	86244.69	15737.15	2594.246	5648.149
Stddev	9.224	383.85	96.47	8.777	15.227
%RSD	.2371926	.4450692	.6130198	.3383410	.2696000
#1	3888.589	86203.07	15760.67	2593.023	5655.062
#2	3898.081	86647.65	15631.10	2603.570	5658.694
#3	3879.636	85883.35	15819.69	2586.144	5630.692

Sample Name: PB166926BS Acquired: 3/3/2025 23:59:57 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.8203644	1.963934	.9793112	1.912875	.8268968	2.004253
Stddev	.0054632	.017765	.0050744	.008724	.0046025	.043169
%RSD	.6659456	.9045401	.5181594	.4560760	.5566015	2.153847
#1	.8227463	1.983000	.9813029	1.920221	.8289328	2.050972
#2	.8141147	1.947848	.9735431	1.903232	.8216274	1.995944
#3	.8242323	1.960954	.9830876	1.915171	.8301302	1.965843
Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2009016	.1960308	.1944525	1.044728	.4314254	.2036550
Stddev	.0050688	.0036310	.0009384	.019427	.0036415	.0009142
%RSD	2.523040	1.852282	.4826072	1.859561	.8440648	.4488748
#1	.2058001	.1996938	.1953507	1.065813	.4336641	.2044759
#2	.2012265	.1959661	.1934785	1.040819	.4333885	.2026699
#3	.1956781	.1924326	.1945284	1.027553	.4272236	.2038193
Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3199994	3.166559	.2244806	2.007469	.5066289	.0750112
Stddev	.0009808	.045934	.0051096	.040612	.0027658	.0008424
%RSD	.3064969	1.450599	2.276191	2.023051	.5459295	1.123027
#1	.3210483	3.190850	.2301470	2.051161	.5095353	.0752635
#2	.3191051	3.195248	.2230710	2.000374	.5040292	.0756986
#3	.3198448	3.113580	.2202237	1.970872	.5063222	.0740715
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.143962	.3103274	.2086732	9.932392	.2739323	.4498041
Stddev	.034358	.0066771	.0016796	.082415	.0042222	.0010022
%RSD	1.092830	2.151616	.8049046	.8297549	1.541342	.2228172
#1	3.178538	.3179728	.2095684	10.01510	.2773832	.4504047
#2	3.143523	.3073668	.2097155	9.93180	.2751895	.4486470
#3	3.109826	.3056424	.2067356	9.85027	.2692243	.4503604

Sample Name: PB166926BS Acquired: 3/3/2025 23:59:57 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.7026614	.2058147	.8335462	5.502716	F .0352700	.1970119
Stddev	.0033368	.0041028	.0016560	.038103	.0002117	.0049163
%RSD	.4748776	1.993457	.1986689	.6924336	.6001237	2.495415
#1	.7054793	.2103930	.8318533	5.544045	.0355012	.2026656
#2	.6989768	.2045806	.8336228	5.468983	.0350858	.1946284
#3	.7035281	.2024706	.8351626	5.495121	.0352230	.1937418

Elem	Sr4077
Units	ppm
Avg	.2065900
Stddev	.0048046
%RSD	2.325677
#1	.2118594
#2	.2054584
#3	.2024522

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.391	85691.23	16076.35	2545.665	5544.036
Stddev	14.368	574.49	286.28	24.866	26.196
%RSD	.3753109	.6704132	1.780755	.9768128	.4725159
#1	3817.207	85409.47	15771.95	2529.800	5521.634
#2	3844.596	85312.03	16116.92	2532.872	5572.840
#3	3823.369	86352.20	16340.18	2574.323	5537.632

Sample Name: CCV05 Acquired: 3/4/2025 0:03:56 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	4.865930	4.864470	4.854889	4.886352	4.902044	9.554145	9.749561
Stddev	.024790	.025281	.022473	.023769	.017747	.144635	.126887
%RSD	.5094675	.5197098	.4629033	.4864350	.3620426	1.513849	1.301461
#1	4.845281	4.848179	4.842685	4.863426	4.884594	9.721129	9.894982
#2	4.893424	4.893594	4.880825	4.910882	4.920075	9.468067	9.692335
#3	4.859085	4.851638	4.841159	4.884746	4.901462	9.473239	9.661366
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2409681	2.431045	23.89378	.9731532	2.432327	1.226607	4.870200
Stddev	.0040800	.009811	.33295	.0337485	.010555	.004623	.158261
%RSD	1.693176	.4035830	1.393451	3.467952	.4339407	.3768746	3.249582
#1	.2455647	2.426578	24.27824	1.007454	2.426270	1.223370	5.033954
#2	.2395642	2.442295	23.70093	.972021	2.444515	1.231902	4.858572
#3	.2377754	2.424261	23.70218	.939985	2.426197	1.224551	4.718073
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.404122	23.95028	2.423035	1.211689	24.24042	2.427954	2.415967
Stddev	.037250	.33873	.009166	.041378	.75235	.034900	.084774
%RSD	1.549435	1.414287	.3782723	3.414867	3.103691	1.437419	3.508910
#1	2.447094	24.33976	2.416147	1.252795	25.00720	2.468080	2.505312
#2	2.381000	23.78660	2.433438	1.212226	24.21069	2.411120	2.405929
#3	2.384273	23.72447	2.419520	1.170045	23.50338	2.404662	2.336658
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.08608	4.764753	4.918537	4.867065	4.815763	4.817959	4.818434
Stddev	.65982	.079911	.019517	.023174	.069901	.134004	.031415
%RSD	2.739411	1.677135	.3968142	.4761401	1.451503	2.781347	.6519738
#1	24.76953	4.855151	4.904833	4.854840	4.896467	4.953680	4.801816
#2	24.03595	4.735584	4.940883	4.893792	4.776573	4.814456	4.854667
#3	23.45276	4.703524	4.909893	4.852564	4.774250	4.685741	4.798818

Sample Name: CCV05 Acquired: 3/4/2025 0:03:56 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	4.813334	4.713199	4.911078
Stddev	.037052	.070352	.030261
%RSD	.7697765	1.492653	.6161815

#1	4.782514	4.794205	4.945465
#2	4.854443	4.667415	4.888512
#3	4.803045	4.677977	4.899256

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.398	81540.71	15462.67	2440.909	5004.772
Stddev	7.930	2320.06	179.90	72.241	10.525
%RSD	.2134467	2.845281	1.163434	2.959585	.2102898

#1	3723.495	79245.69	15255.42	2363.907	5012.885
#2	3707.646	81491.43	15554.12	2451.629	4992.880
#3	3715.053	83885.03	15578.47	2507.191	5008.552

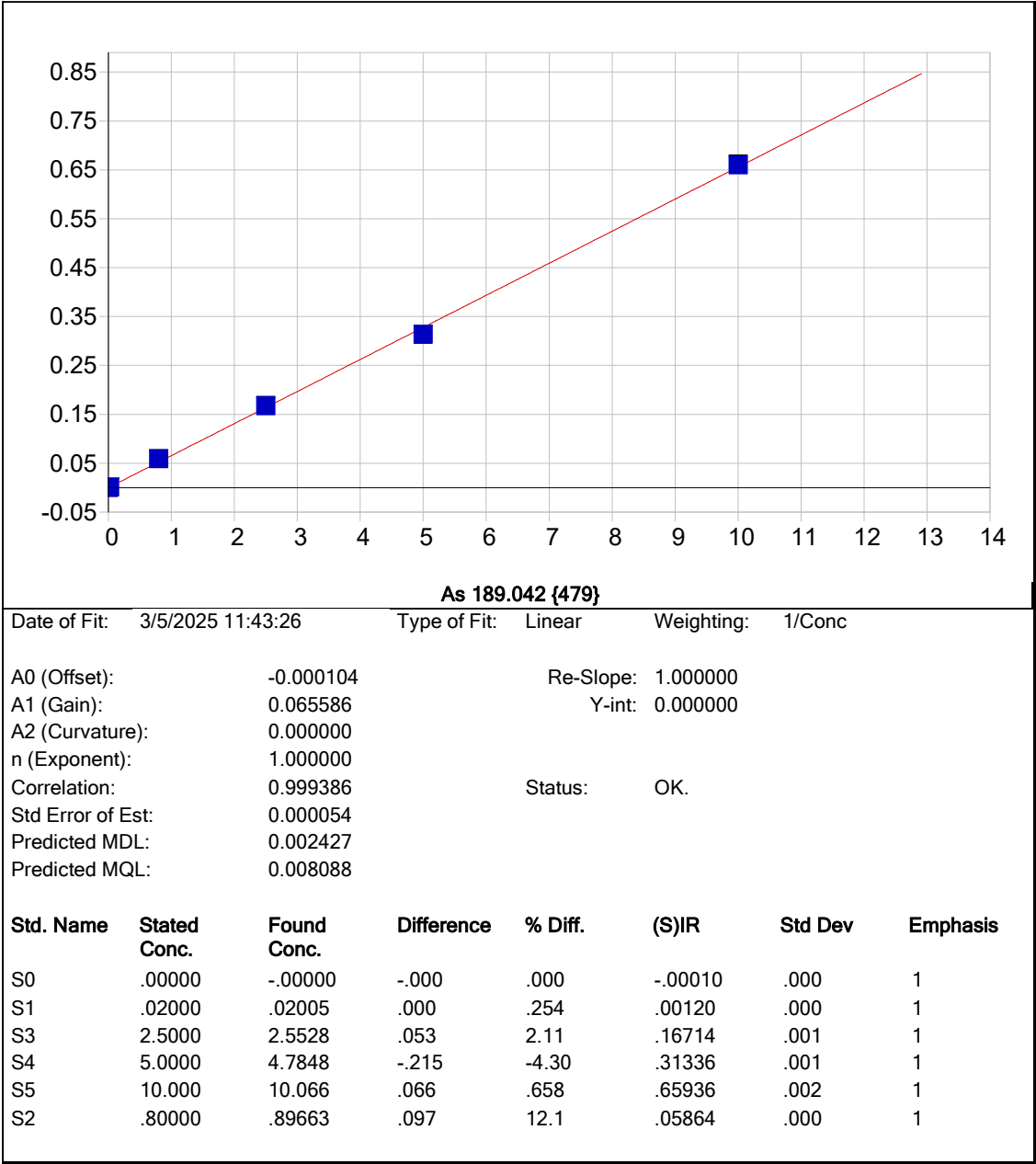
Sample Name: CCB05 Acquired: 3/4/2025 0:08:08 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

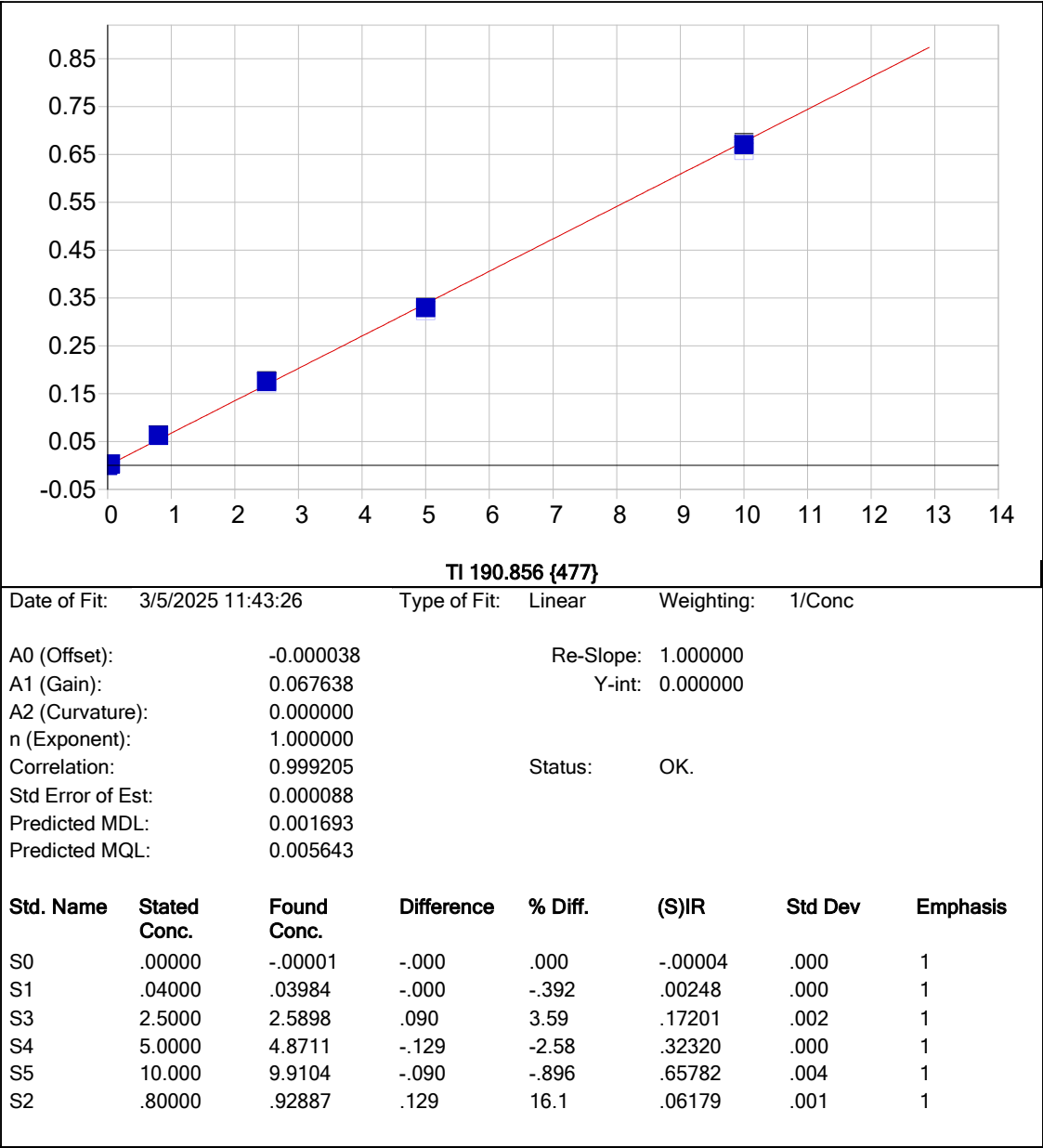
Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005307	.0010761	-.000766	.0008298	-.000689	.0004672	-.000247
Stddev	.0009459	.0000696	.000555	.0014935	.000853	.0021218	.000959
%RSD	178.2179	6.472664	72.40661	179.9868	123.6647	454.1329	388.3696
#1	-.000041	.0011282	-.000736	.0021331	-.001193	-.000620	-.000571
#2	.001623	.0009970	-.001335	.0011561	-.001171	-.000891	-.001002
#3	.000010	.0011031	-.000227	-.000800	.000295	.002912	.000832
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0000547	.0034637	-.000078	-.000036	.0003640	-.003125
Stddev	.000025	.0000541	.0029012	.000337	.000162	.0001223	.001195
%RSD	127.6739	98.87805	83.76066	430.3924	445.1129	33.59675	38.23082
#1	-.000048	.0000467	.0062736	-.000101	-.000194	.0004957	-.003653
#2	-.000010	.0000050	.0036385	-.000403	.000130	.0003423	-.003964
#3	-.000000	.0001123	.0004790	.000270	-.000045	.0002540	-.001757
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001447	.0000485	-.000322	-.000182	.0647490	-.001209	-.000594
Stddev	.0000854	.0026363	.000103	.000197	.0070136	.000398	.000155
%RSD	59.02282	5432.367	32.00629	108.6387	10.83191	32.96647	26.02307
#1	.0002060	-.002578	-.000212	.000035	.0573667	-.000781	-.000748
#2	.0001810	.002694	-.000338	-.000229	.0655566	-.001569	-.000597
#3	.0000472	.000030	-.000417	-.000351	.0713239	-.001276	-.000438
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885848	.0056408	.0003385	.0002490	.0007878	.0007222	.0000875
Stddev	.0038407	.0003551	.0000745	.0006118	.0003018	.0067789	.0002087
%RSD	4.335571	6.294779	22.01864	245.7530	38.30241	938.6960	238.5786
#1	.0848276	.0059598	.0003860	.0000028	.0008138	.0031226	.0003182
#2	.0925037	.0057044	.0003767	-.000201	.0004739	-.006930	.0000325
#3	.0884230	.0052582	.0002526	.000945	.0010758	.005974	-.000088

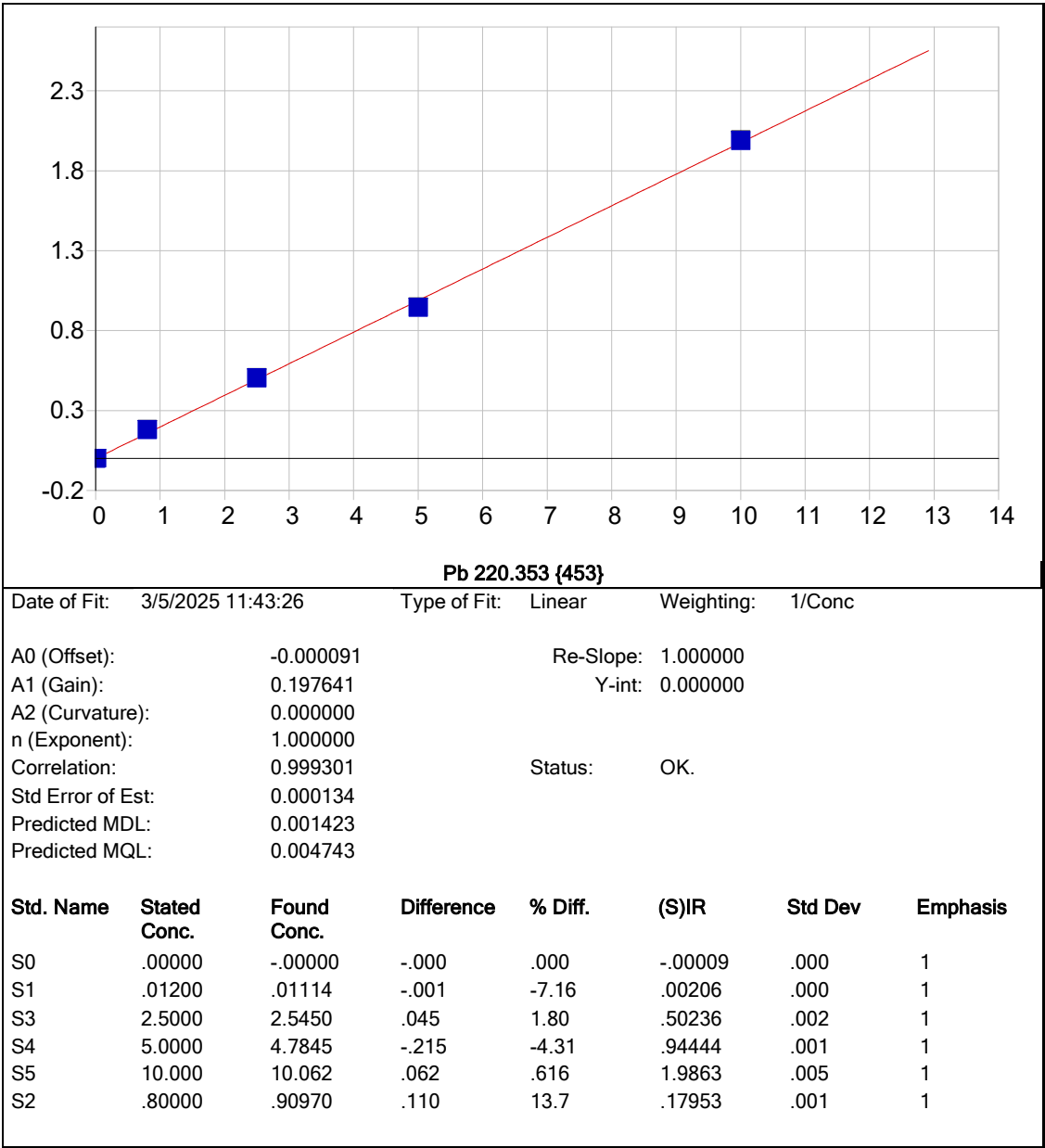
Sample Name: CCB05 Acquired: 3/4/2025 0:08:08 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

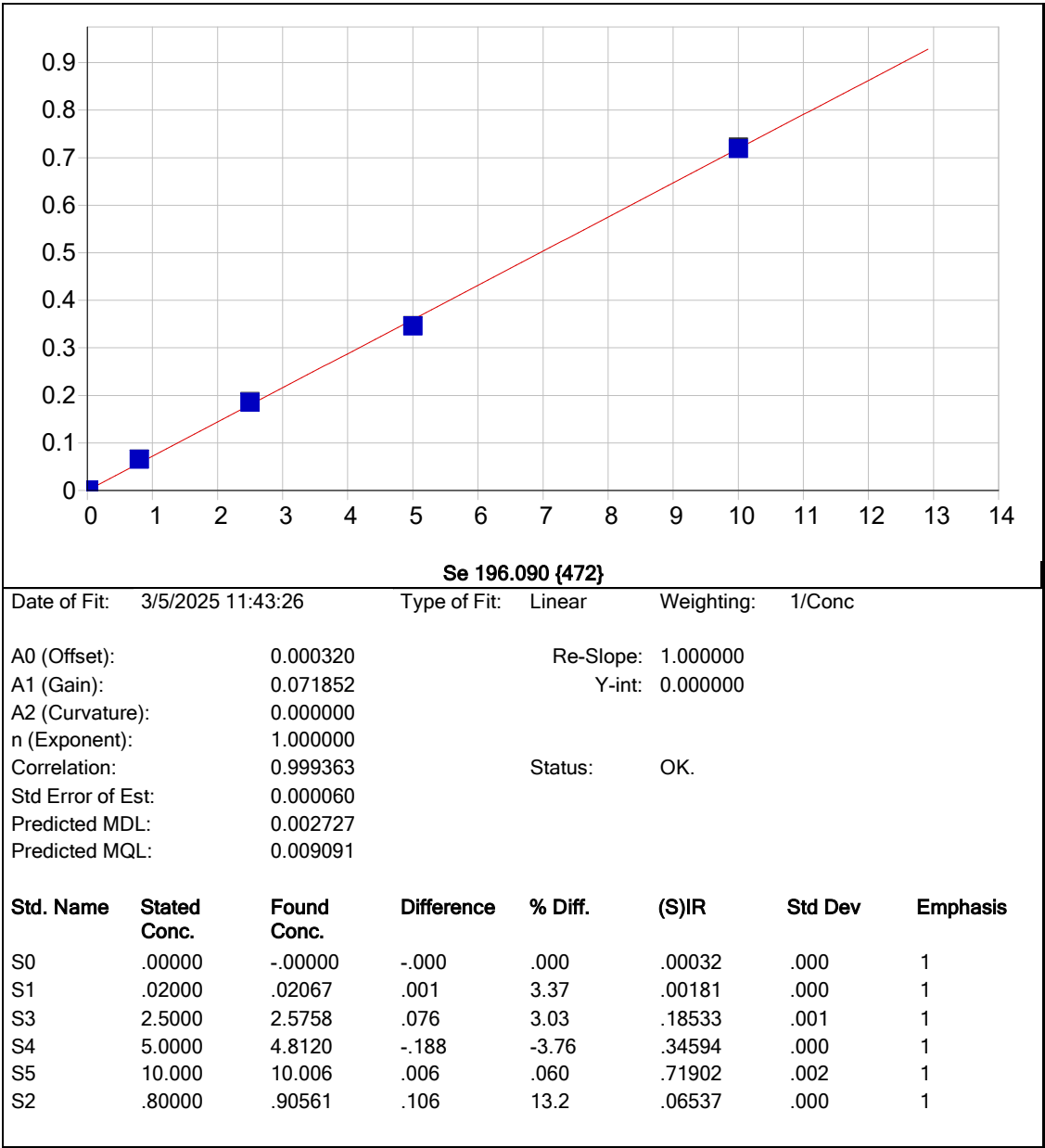
Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000078	-.002363	.0003186
Stddev	.002023	.000465	.0004436
%RSD	2579.866	19.68194	139.2186
#1	-.001480	-.002132	.0008305
#2	.002241	-.002059	.0000478
#3	-.000996	-.002899	.0000775

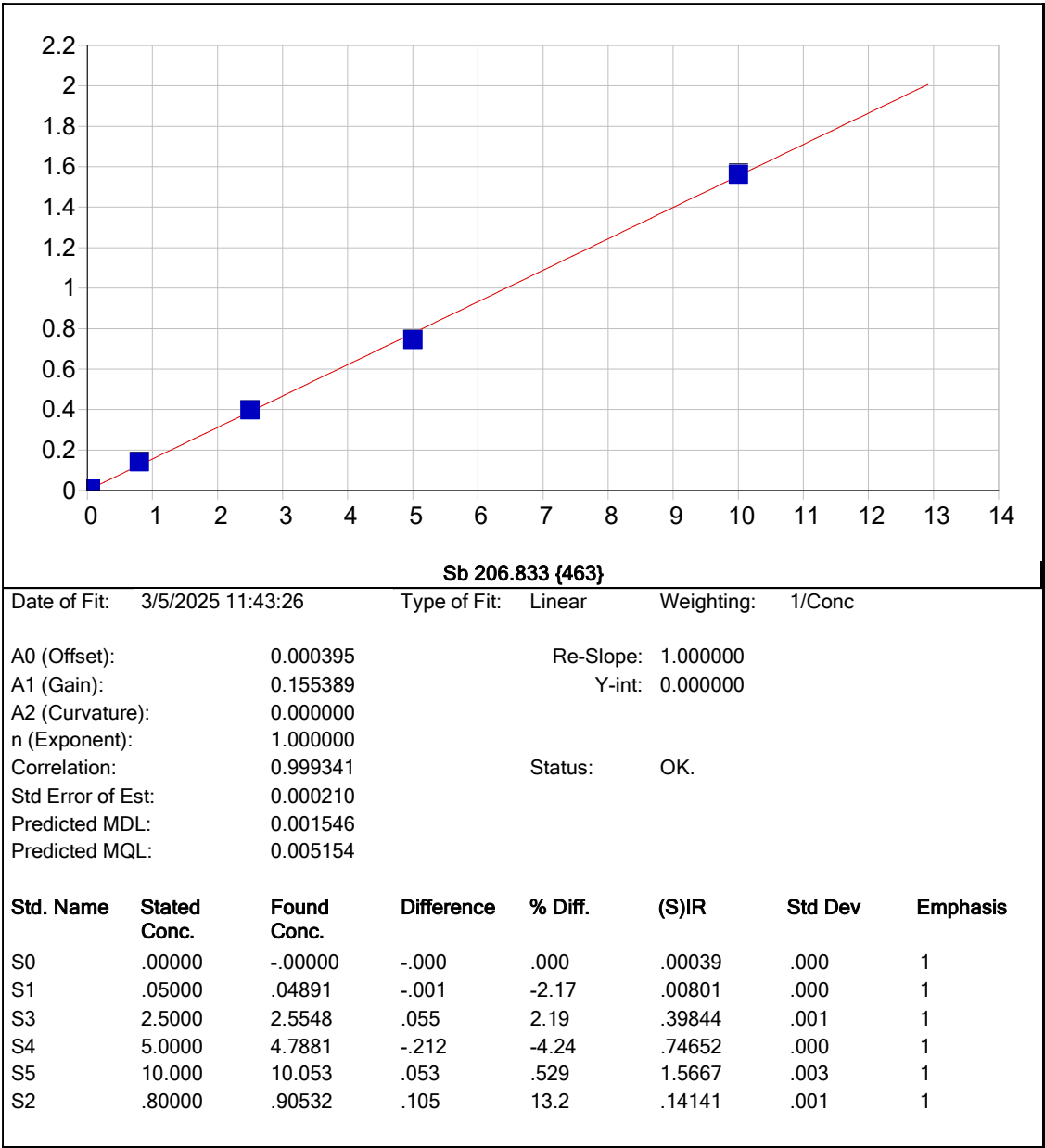
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3917.446	86622.49	15880.92	2554.144	5733.333
Stddev	16.098	1052.49	61.62	30.477	25.724
%RSD	.4109297	1.215031	.3880429	1.193246	.4486678
#1	3910.492	87349.03	15951.43	2576.311	5723.243
#2	3935.852	85415.51	15837.37	2519.389	5762.573
#3	3905.994	87102.92	15853.97	2566.732	5714.185

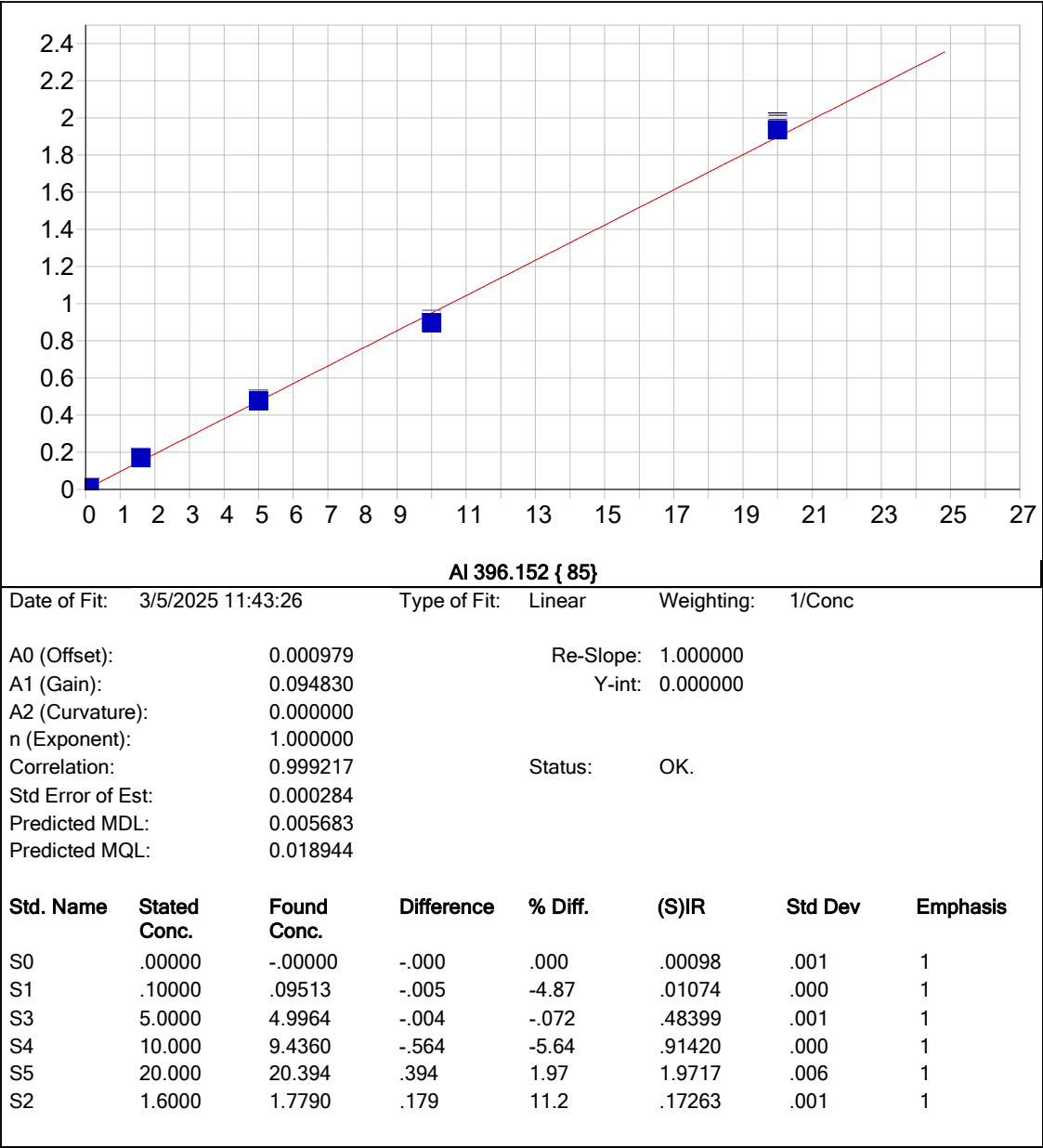


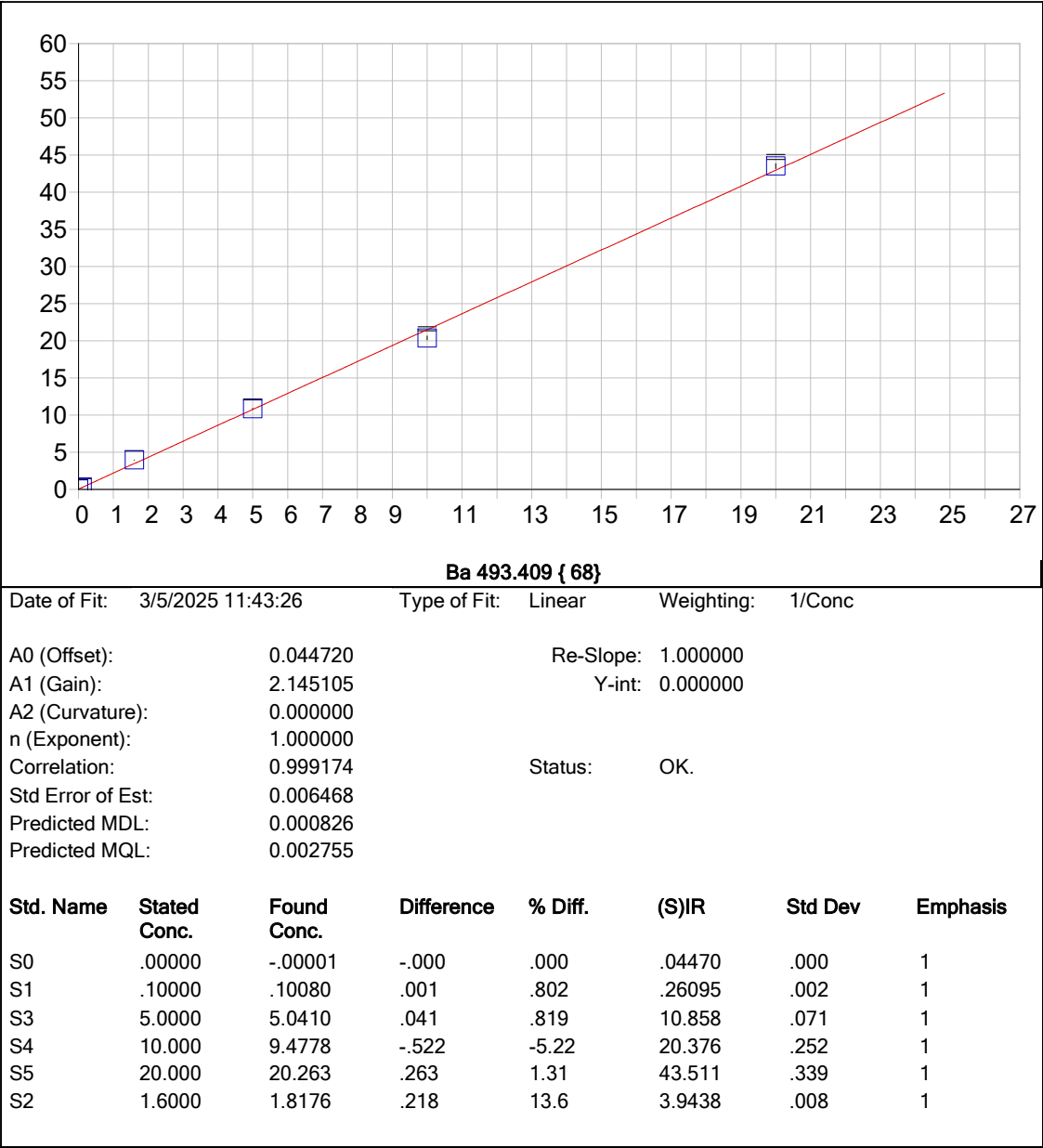


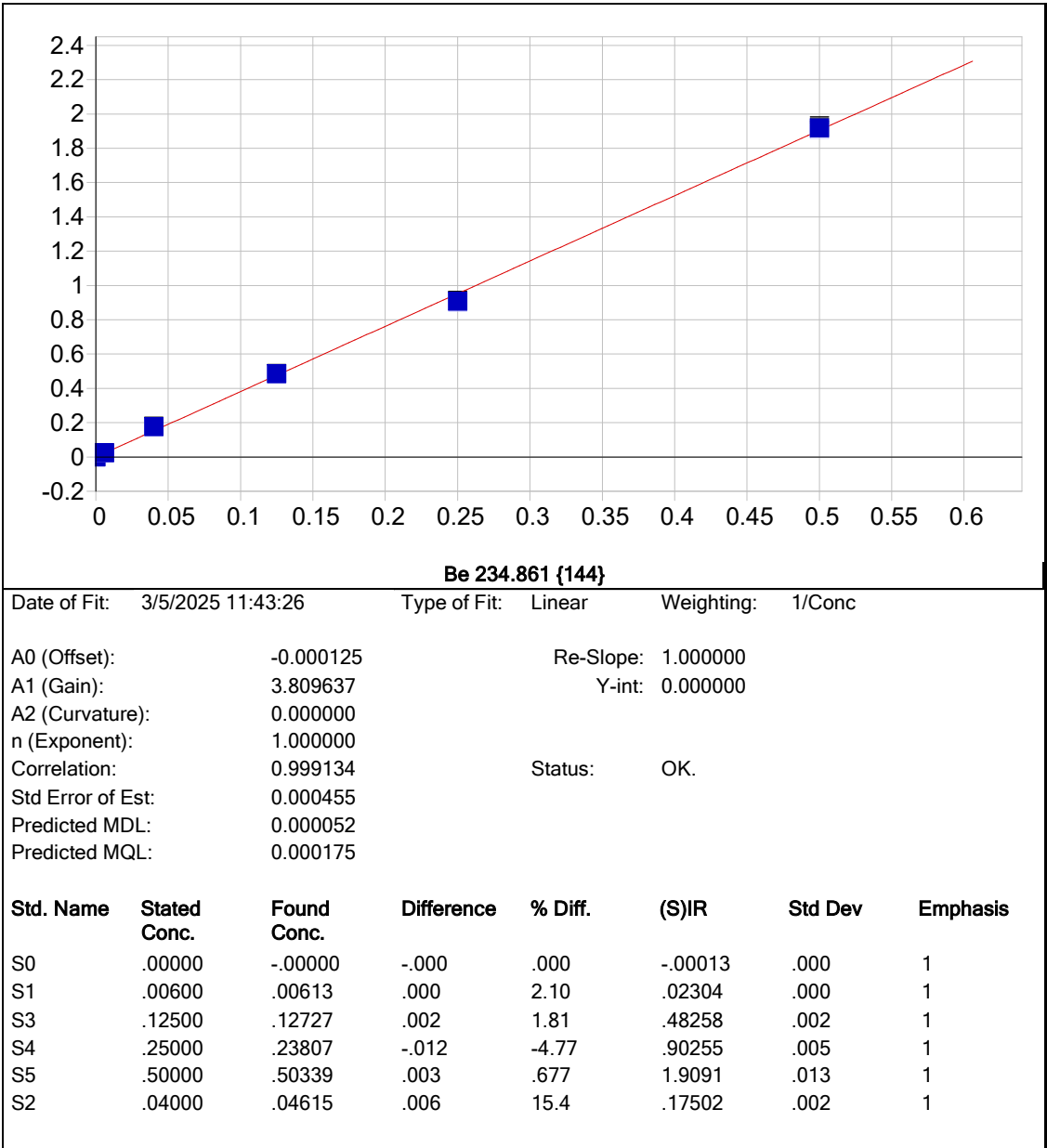


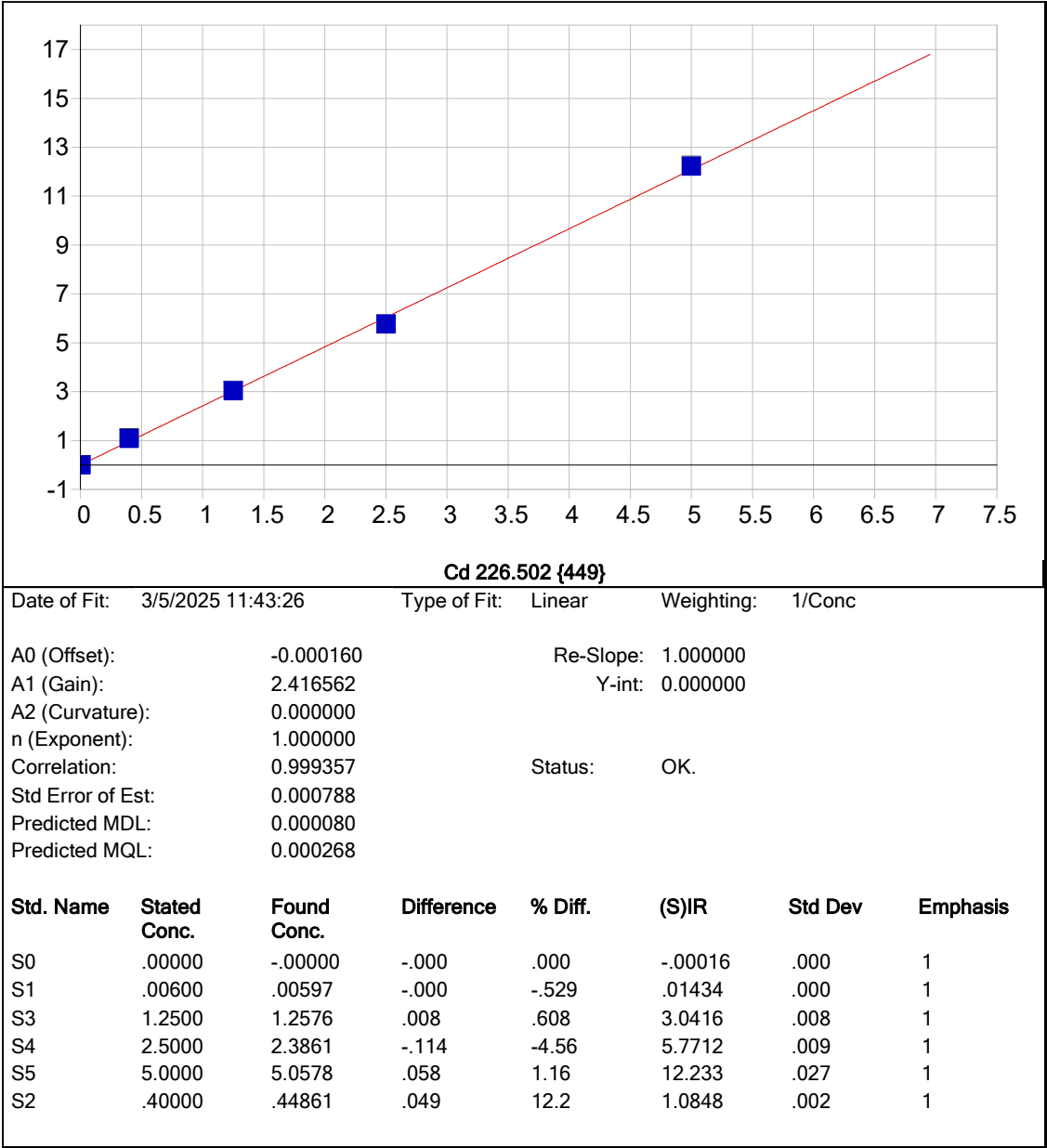


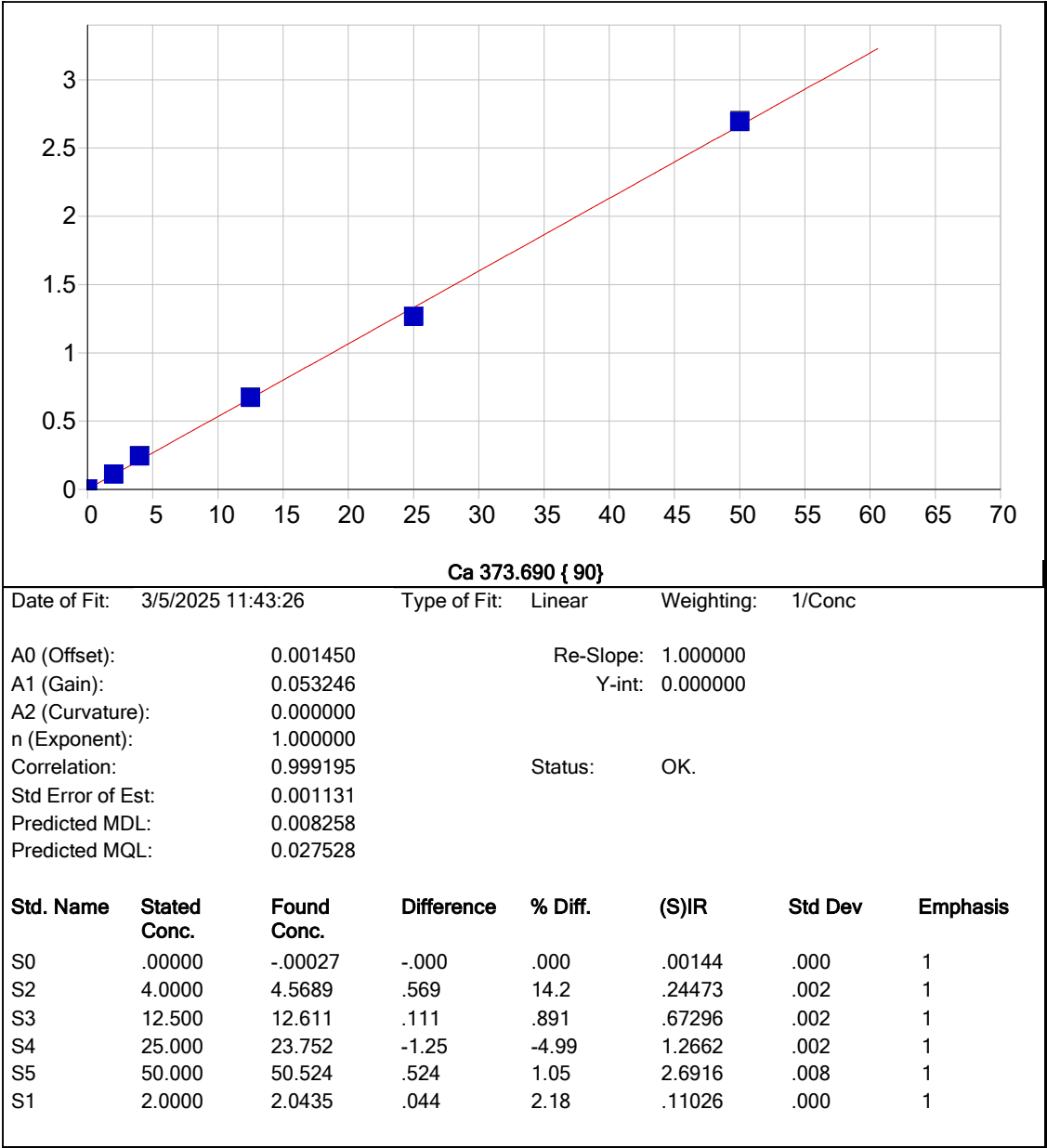


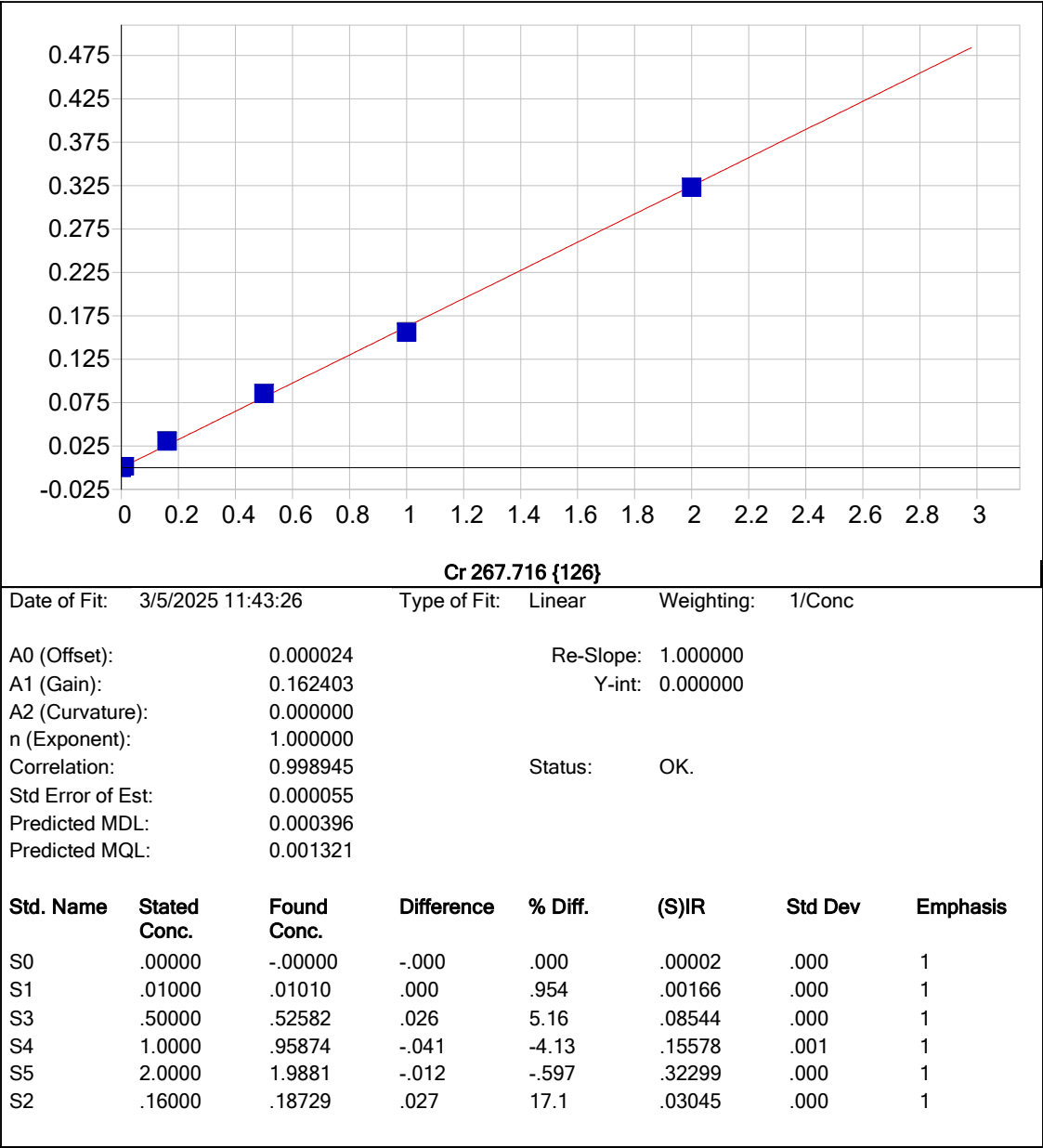


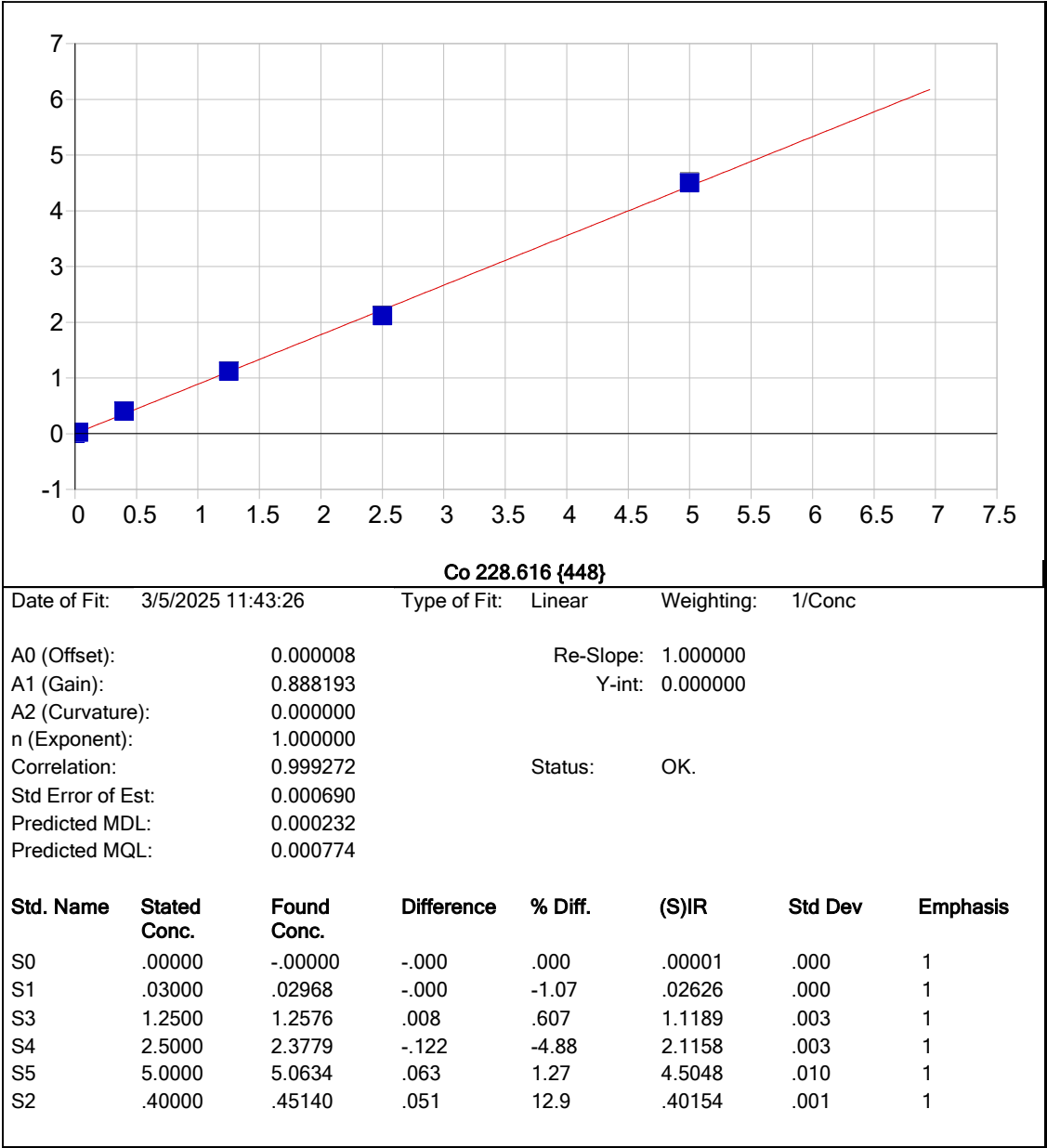


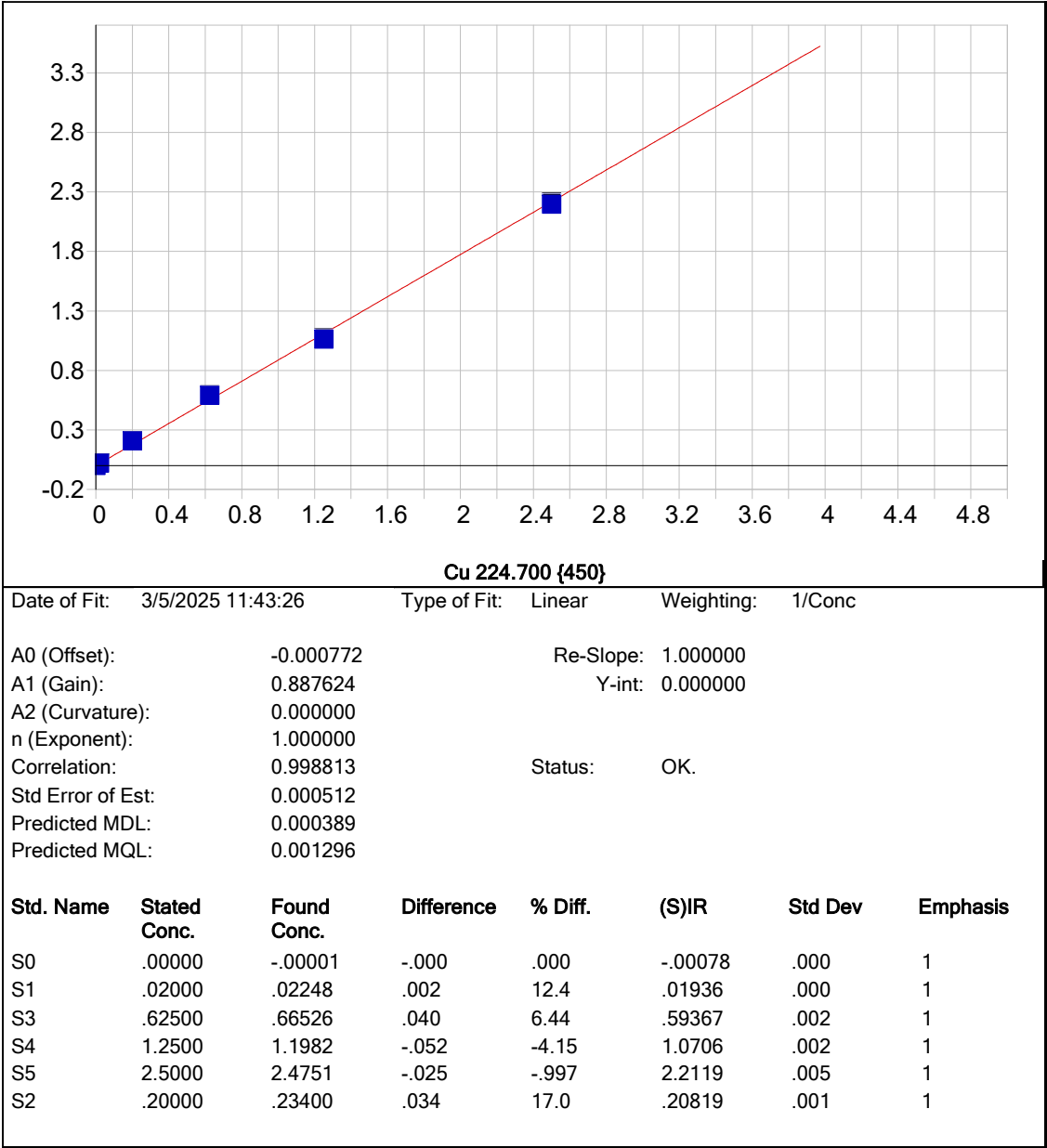


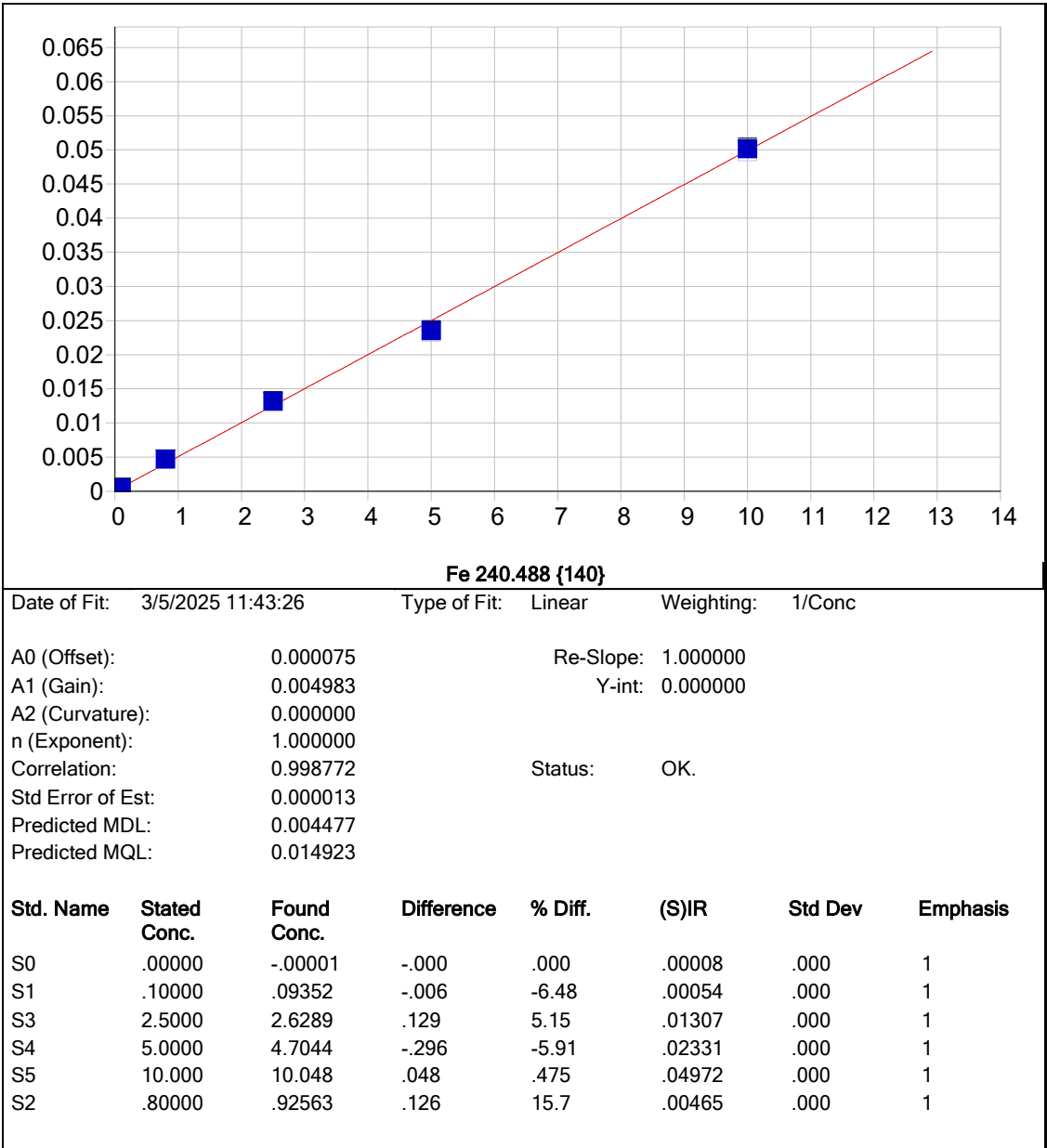


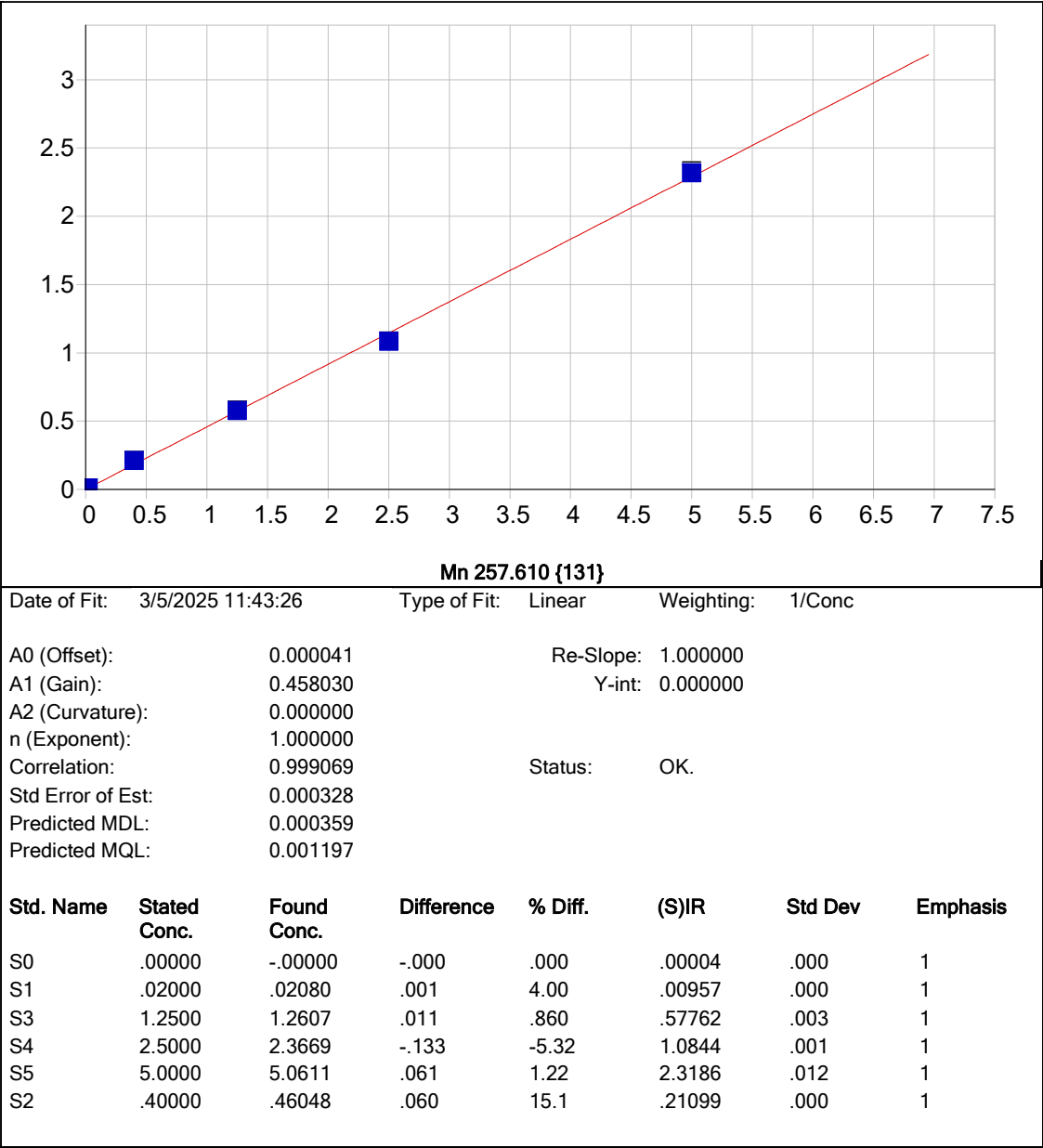


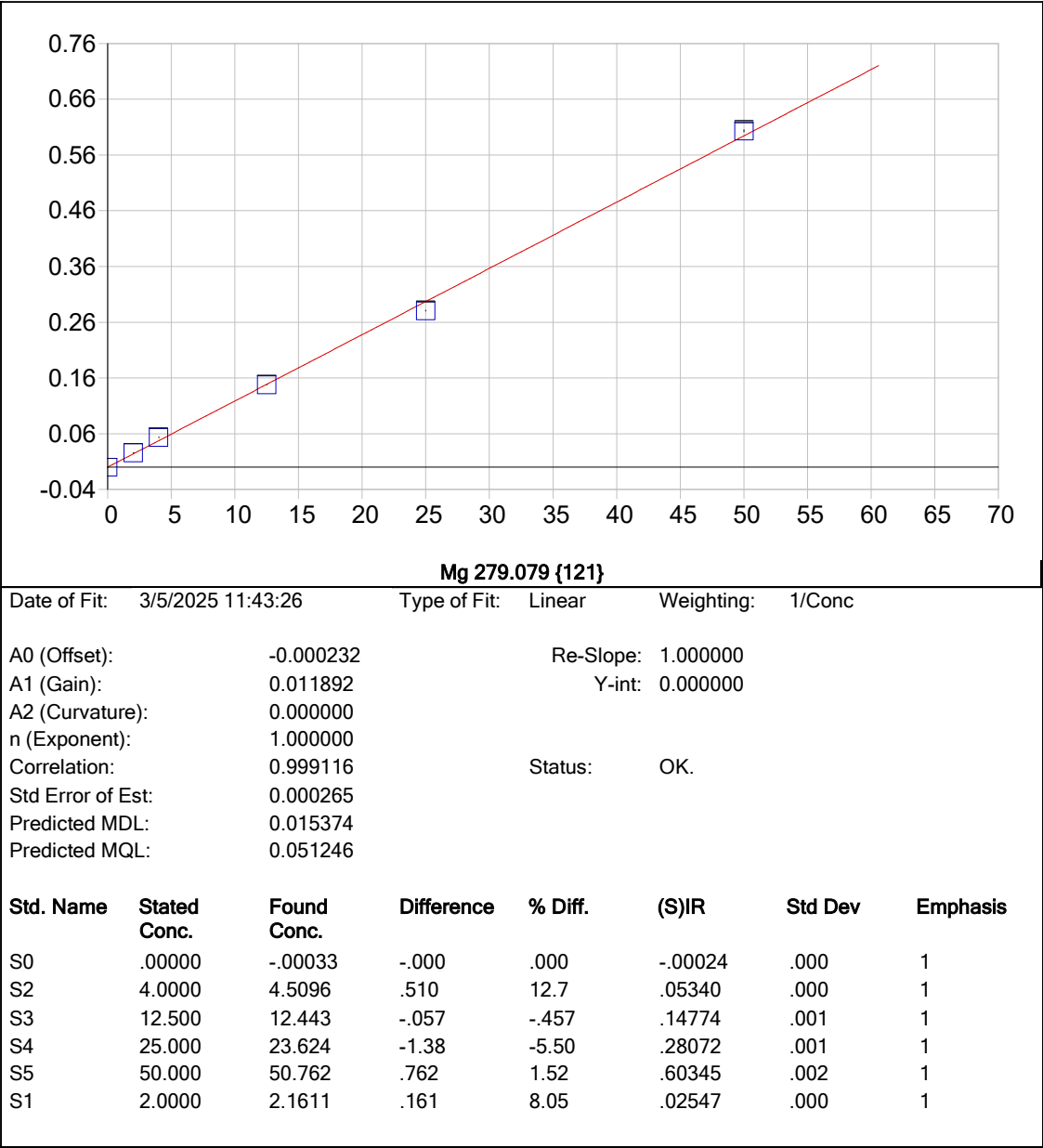


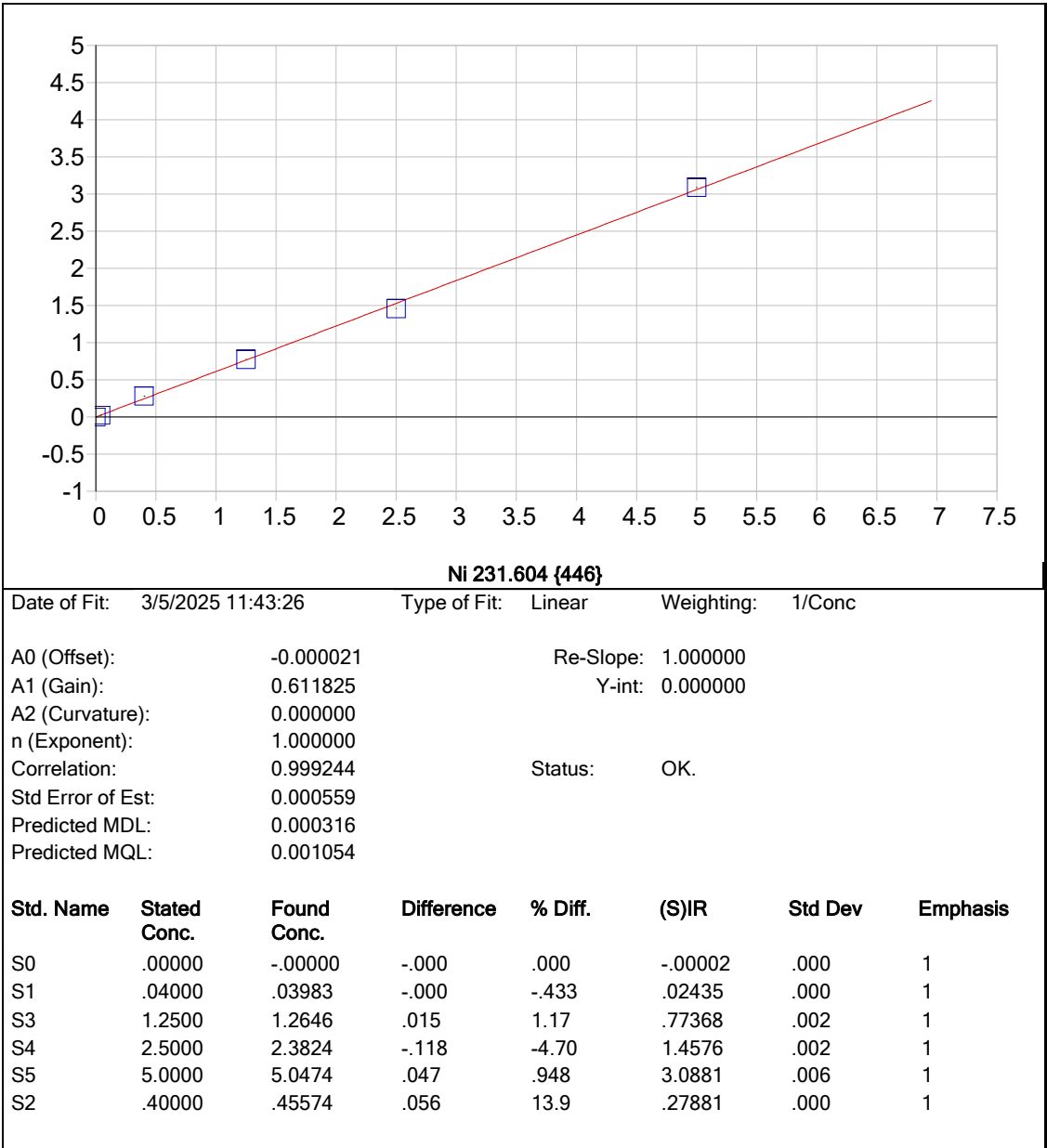


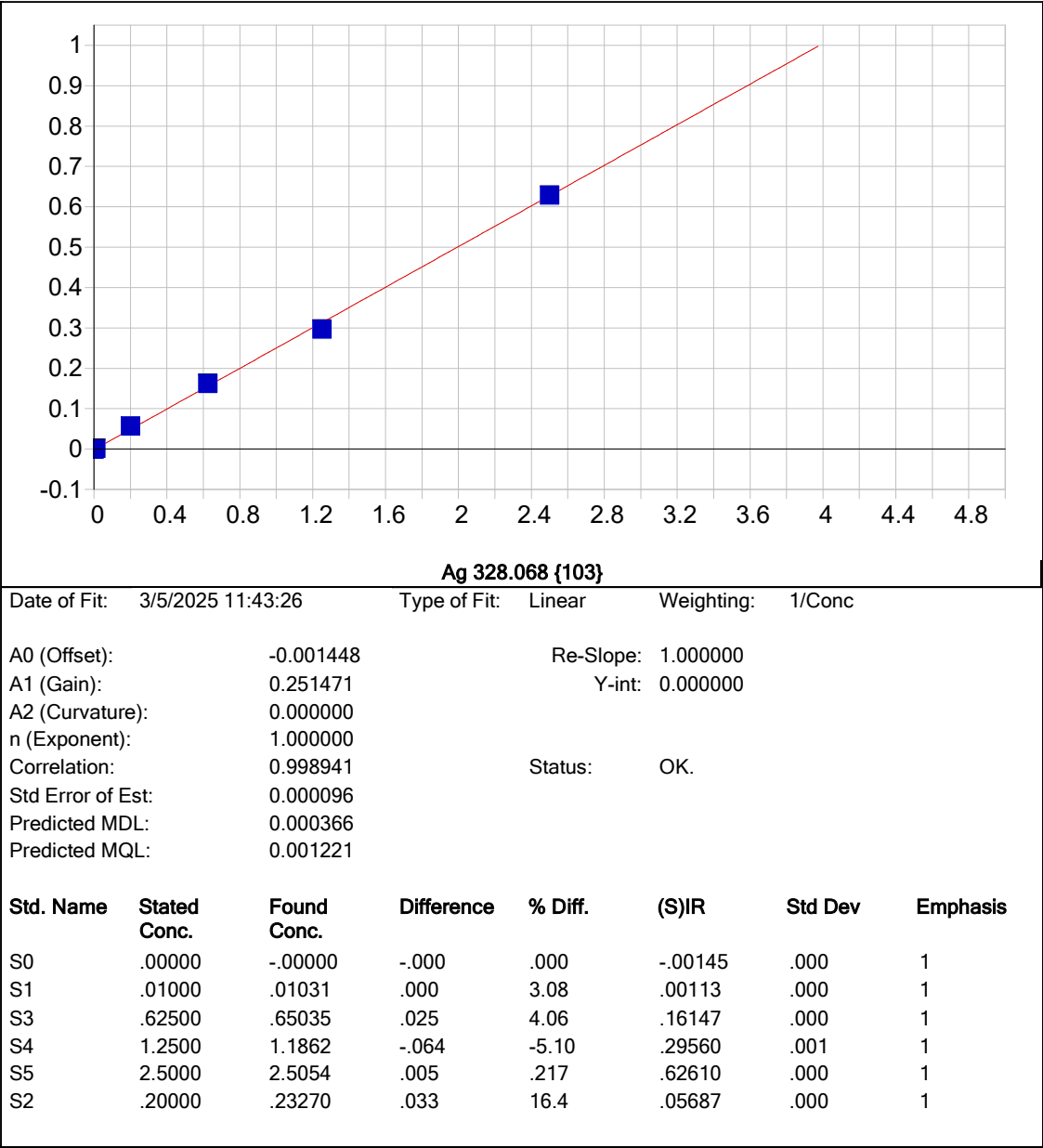


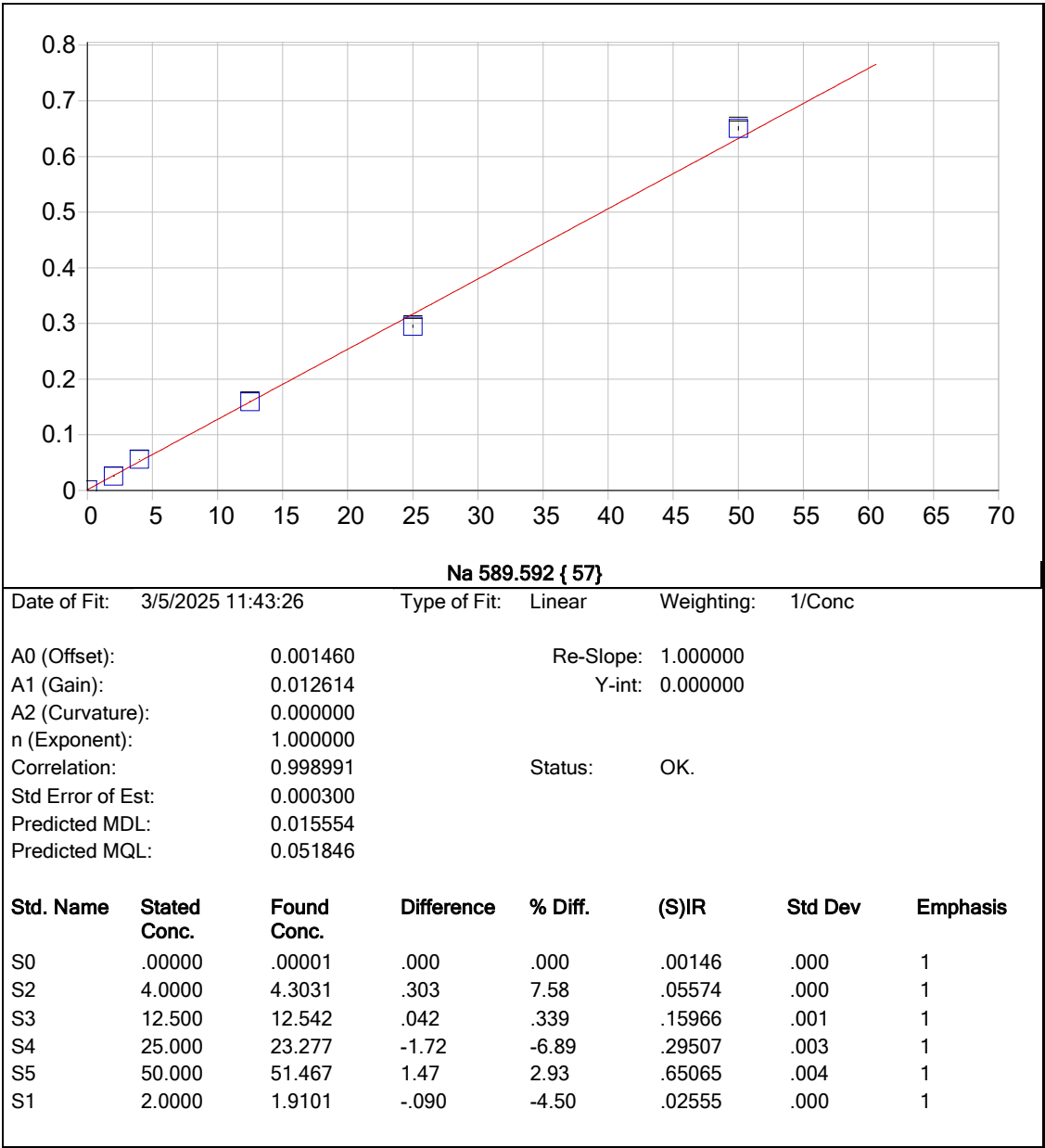


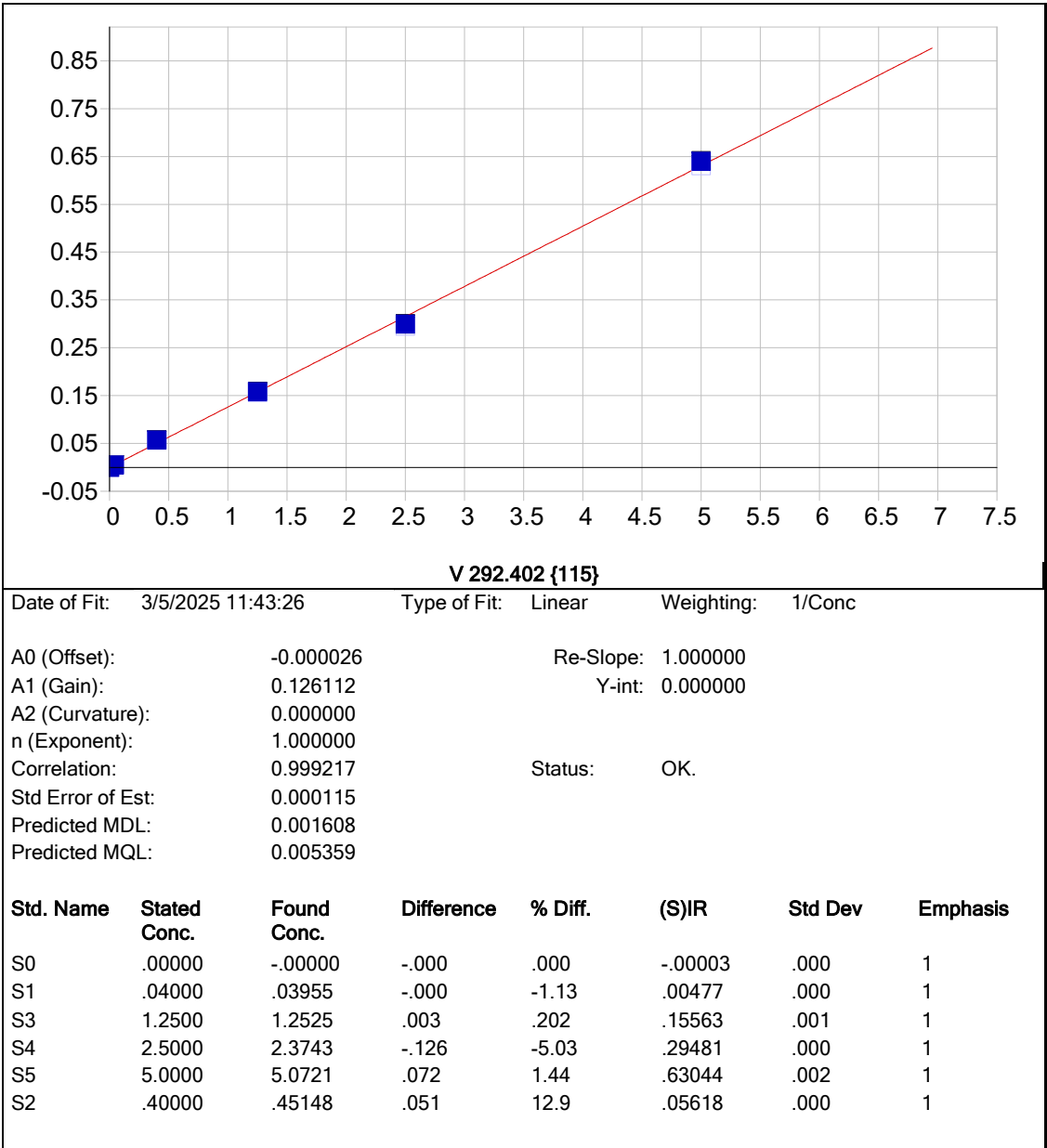


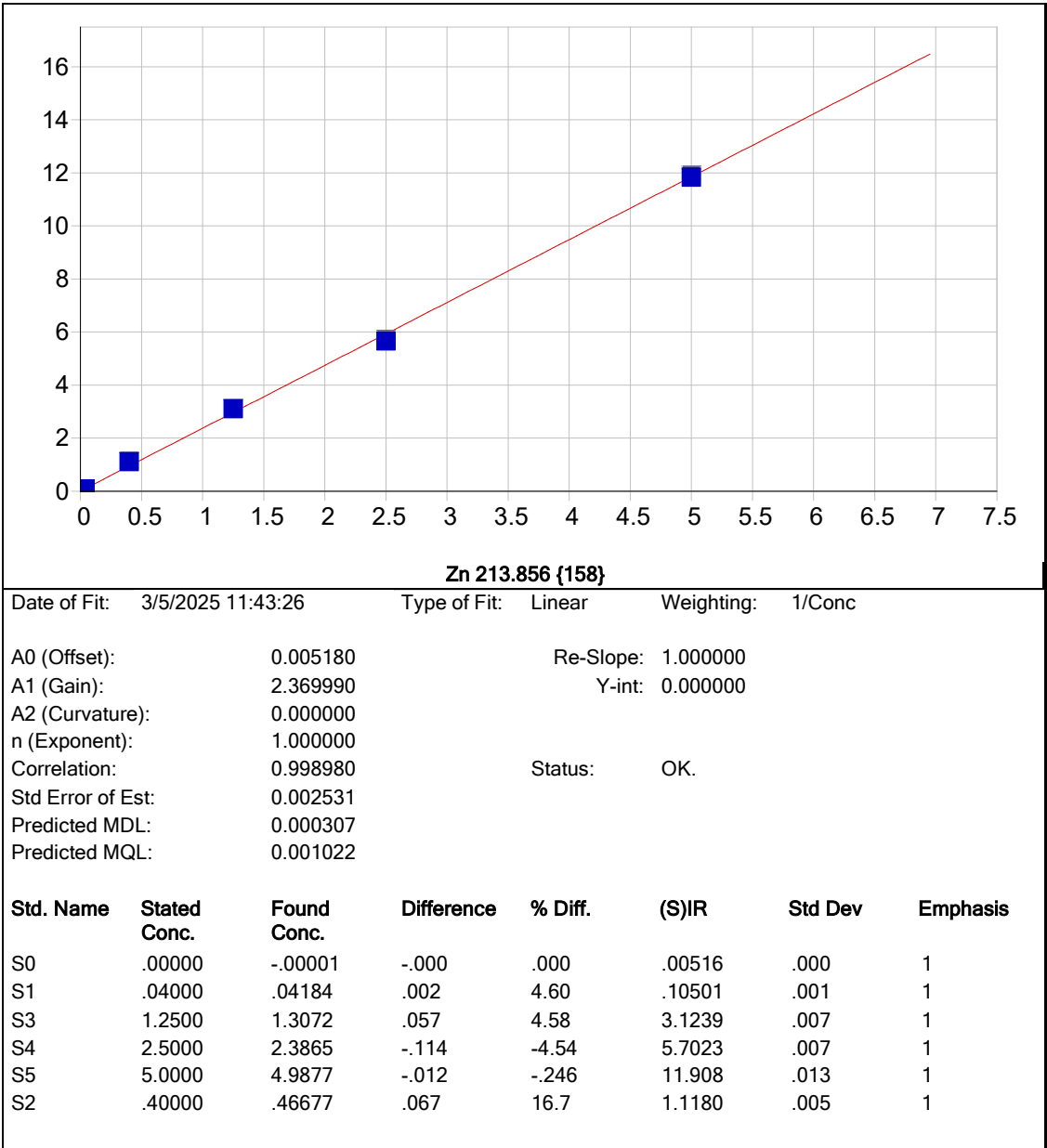


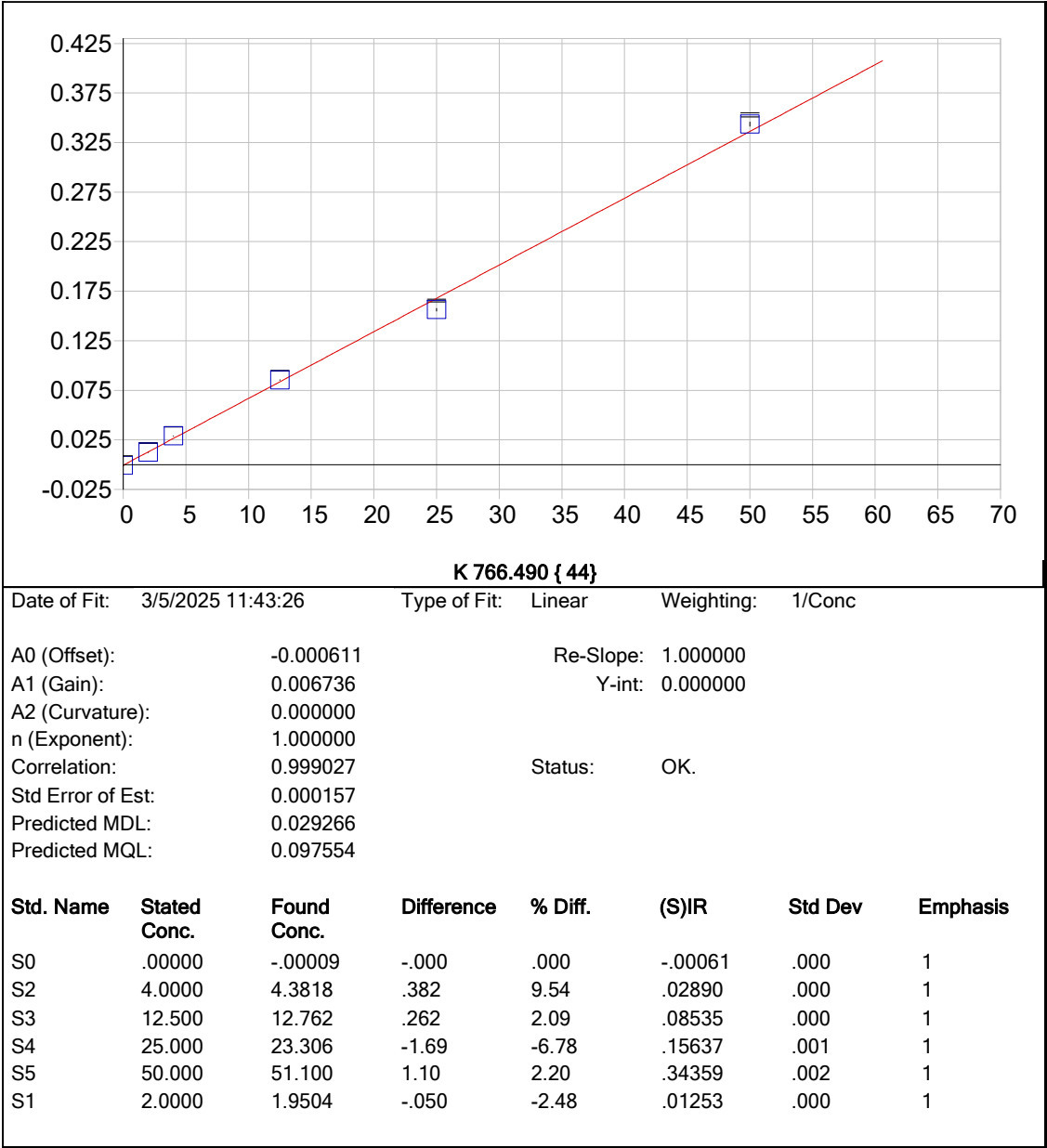


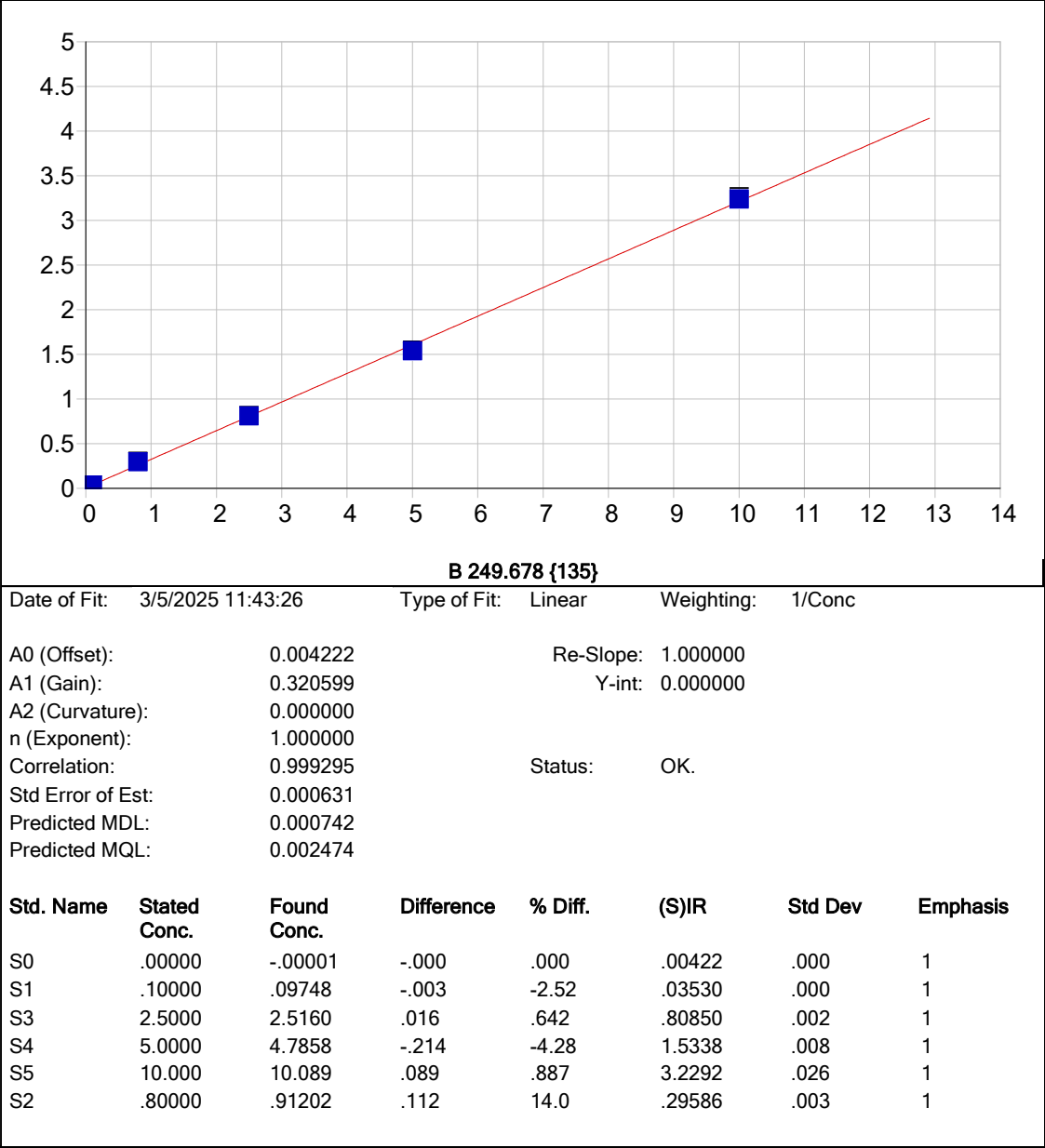


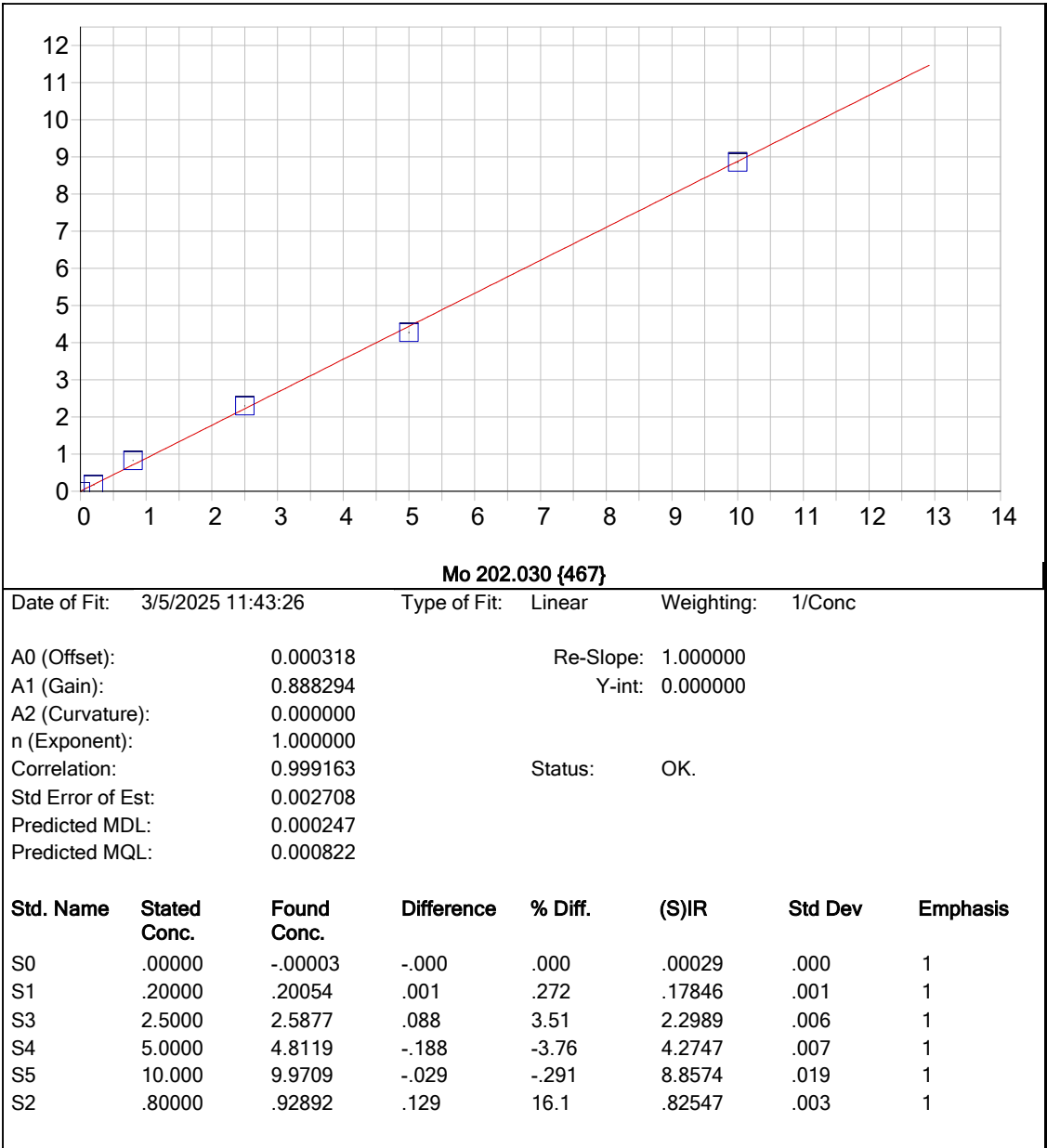


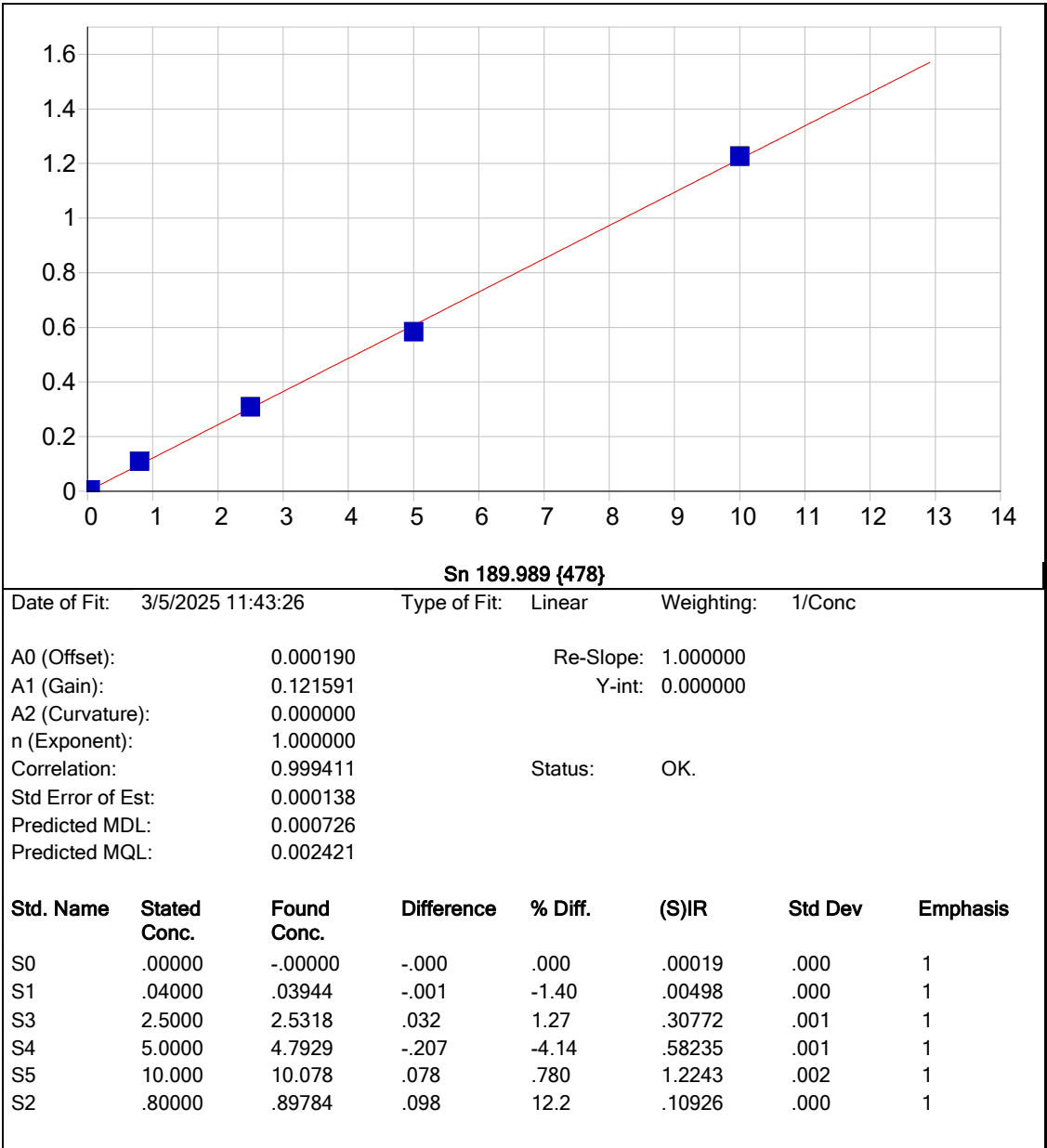


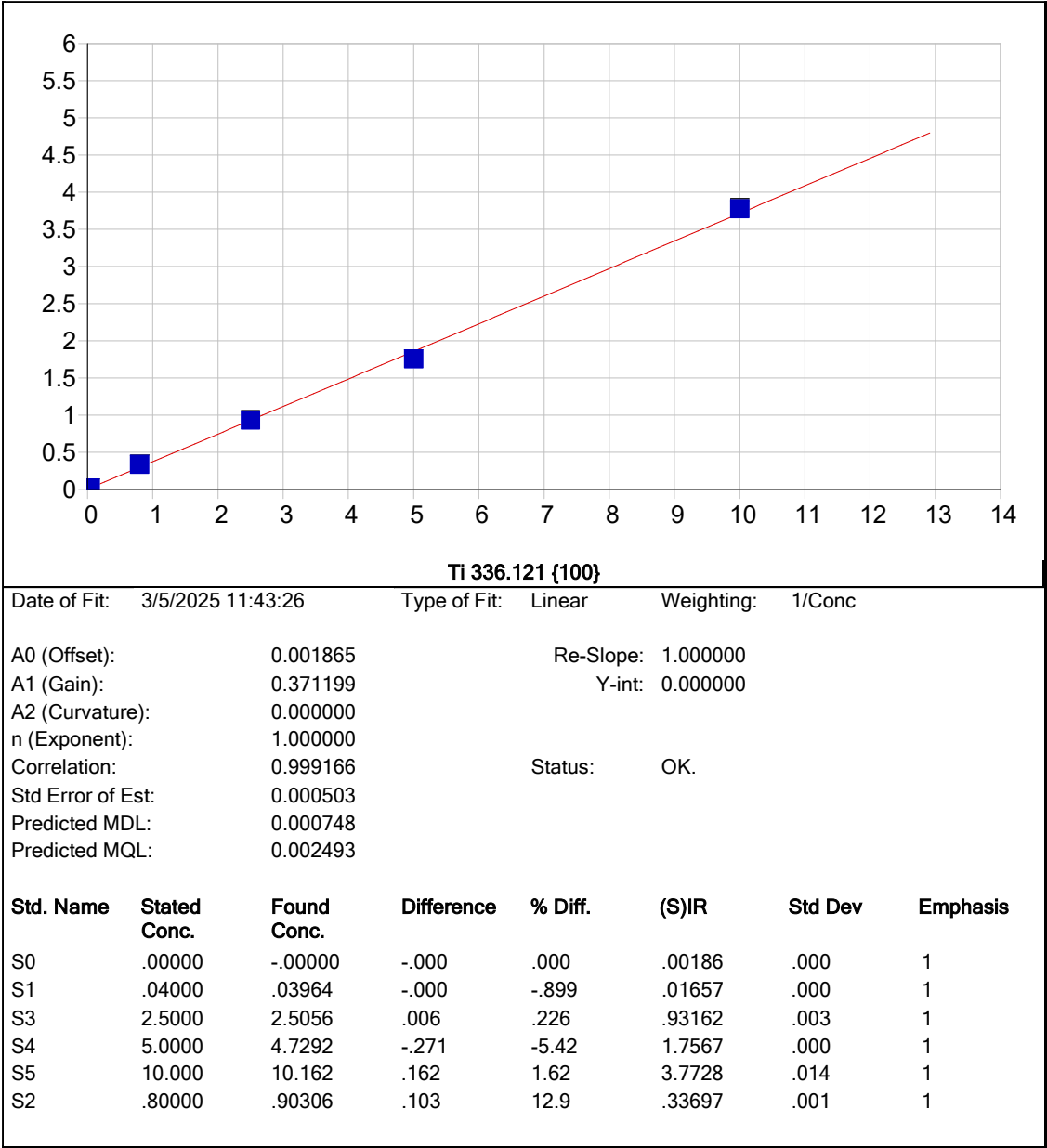


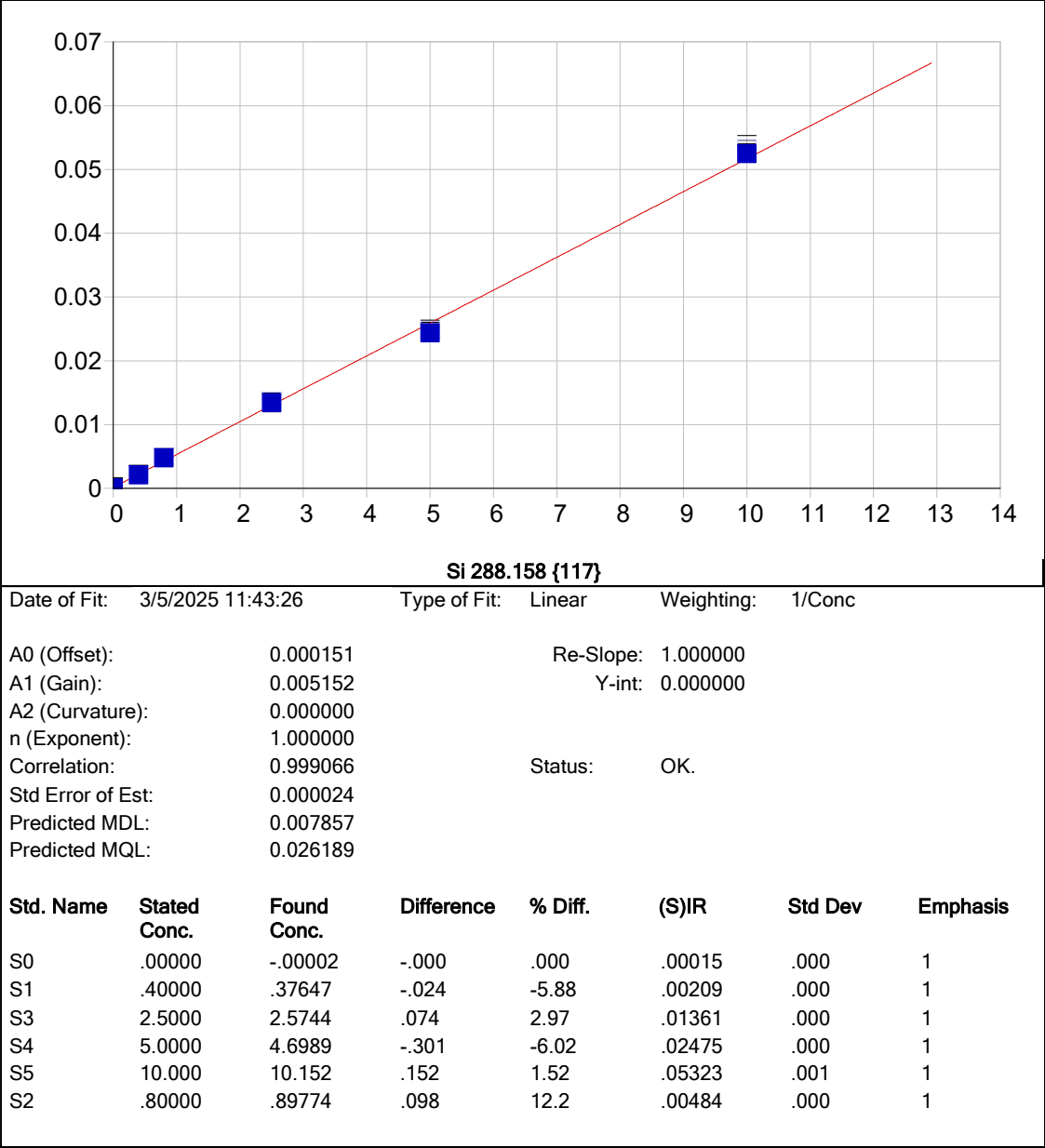


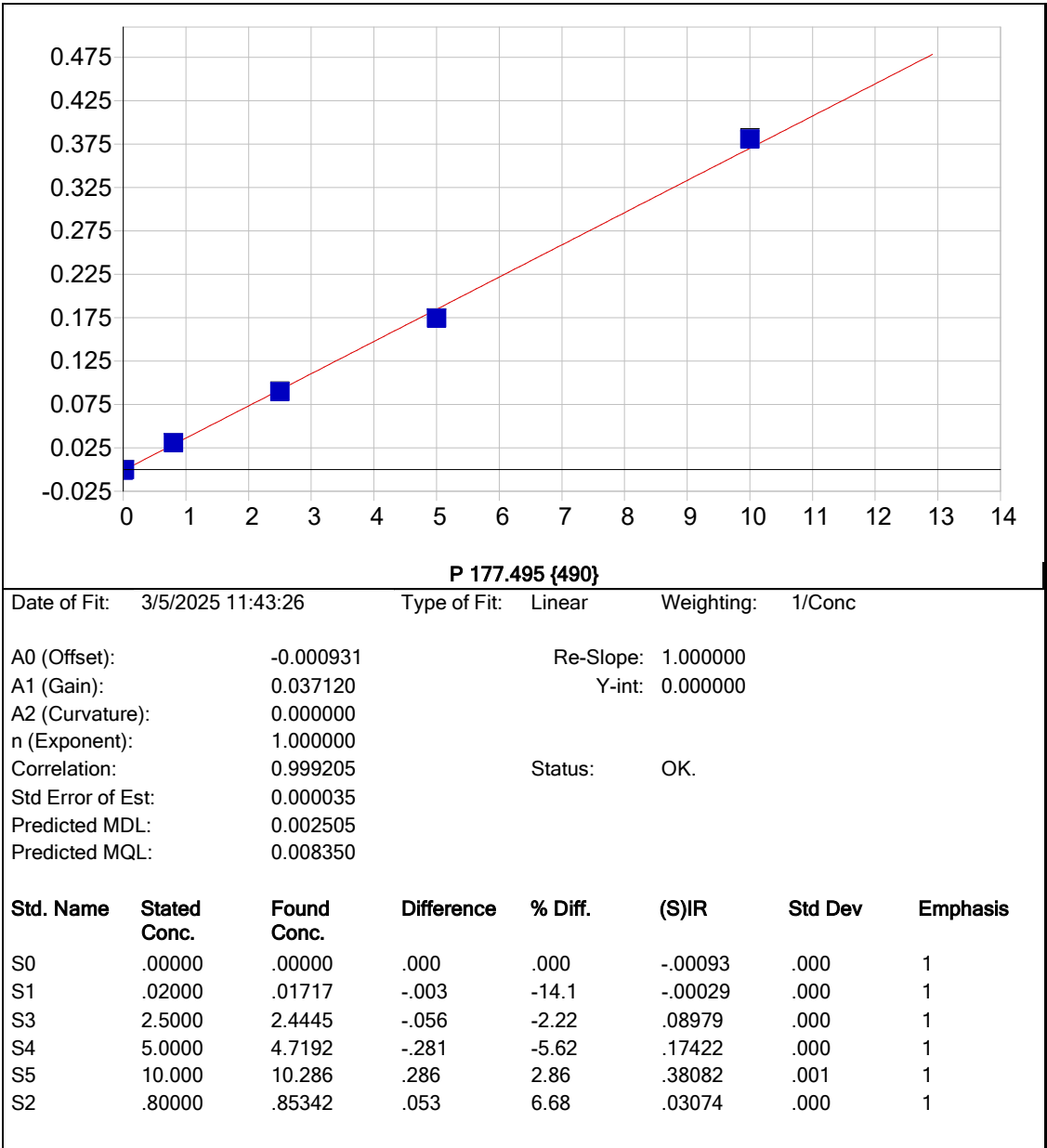


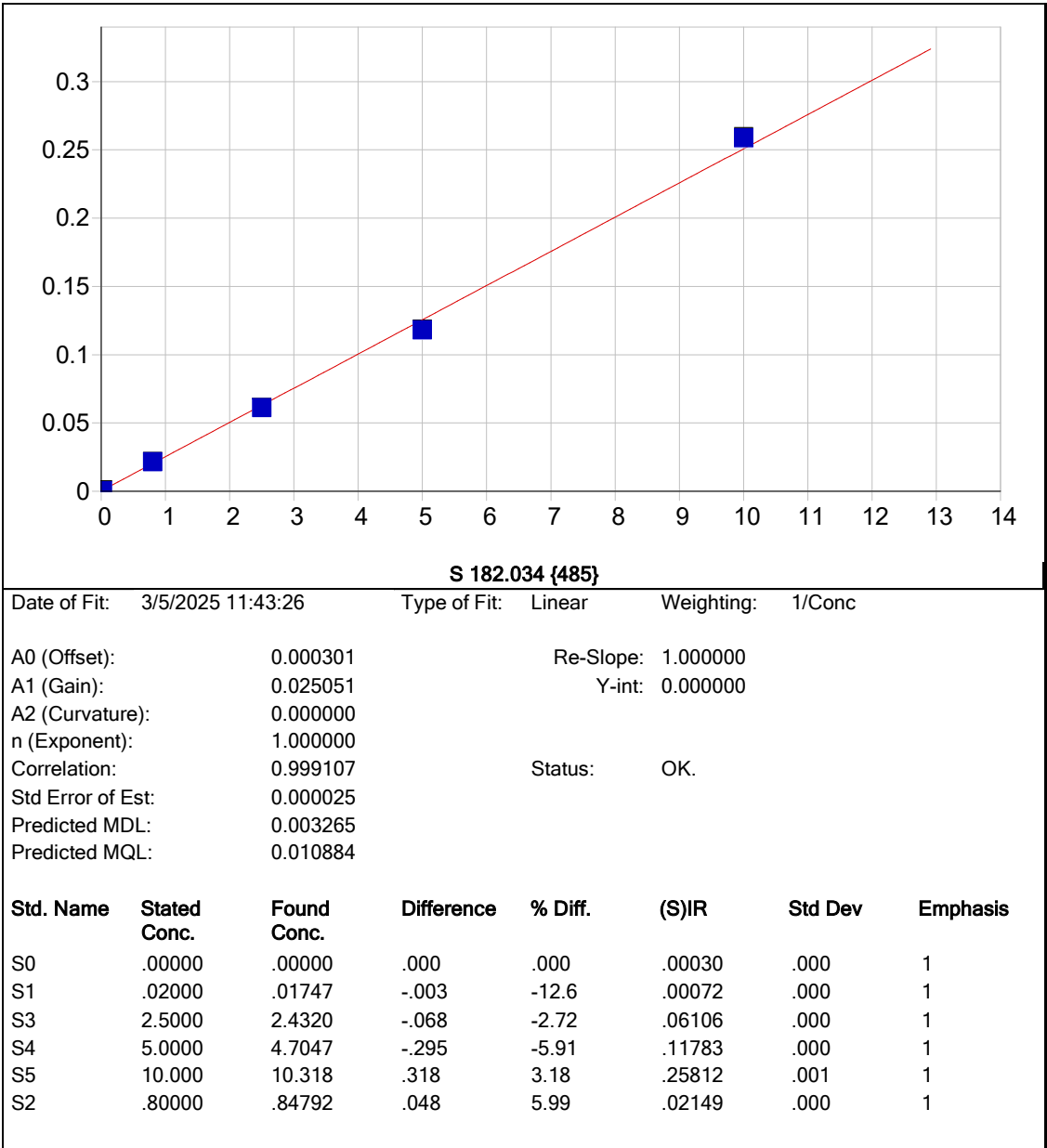


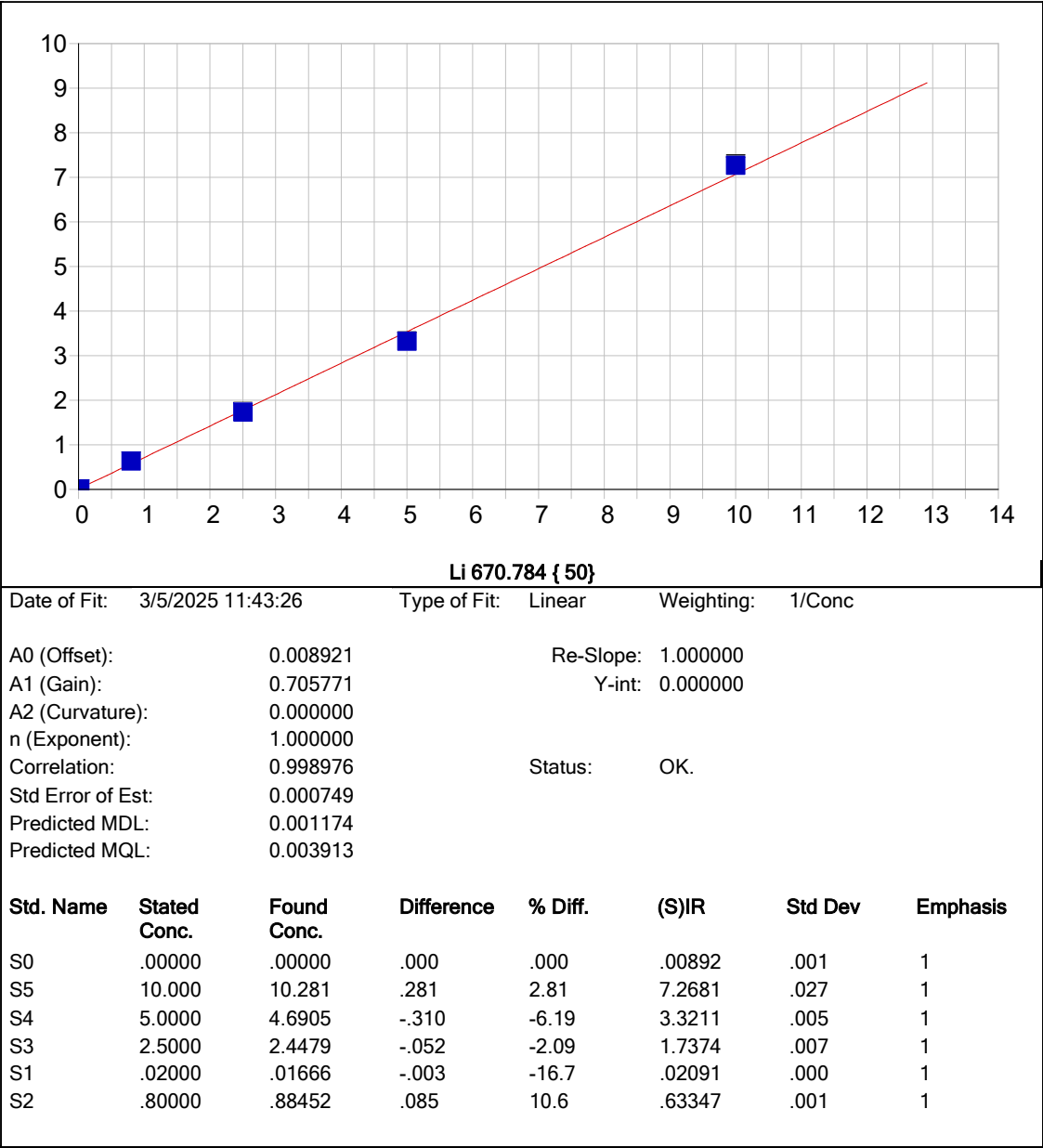


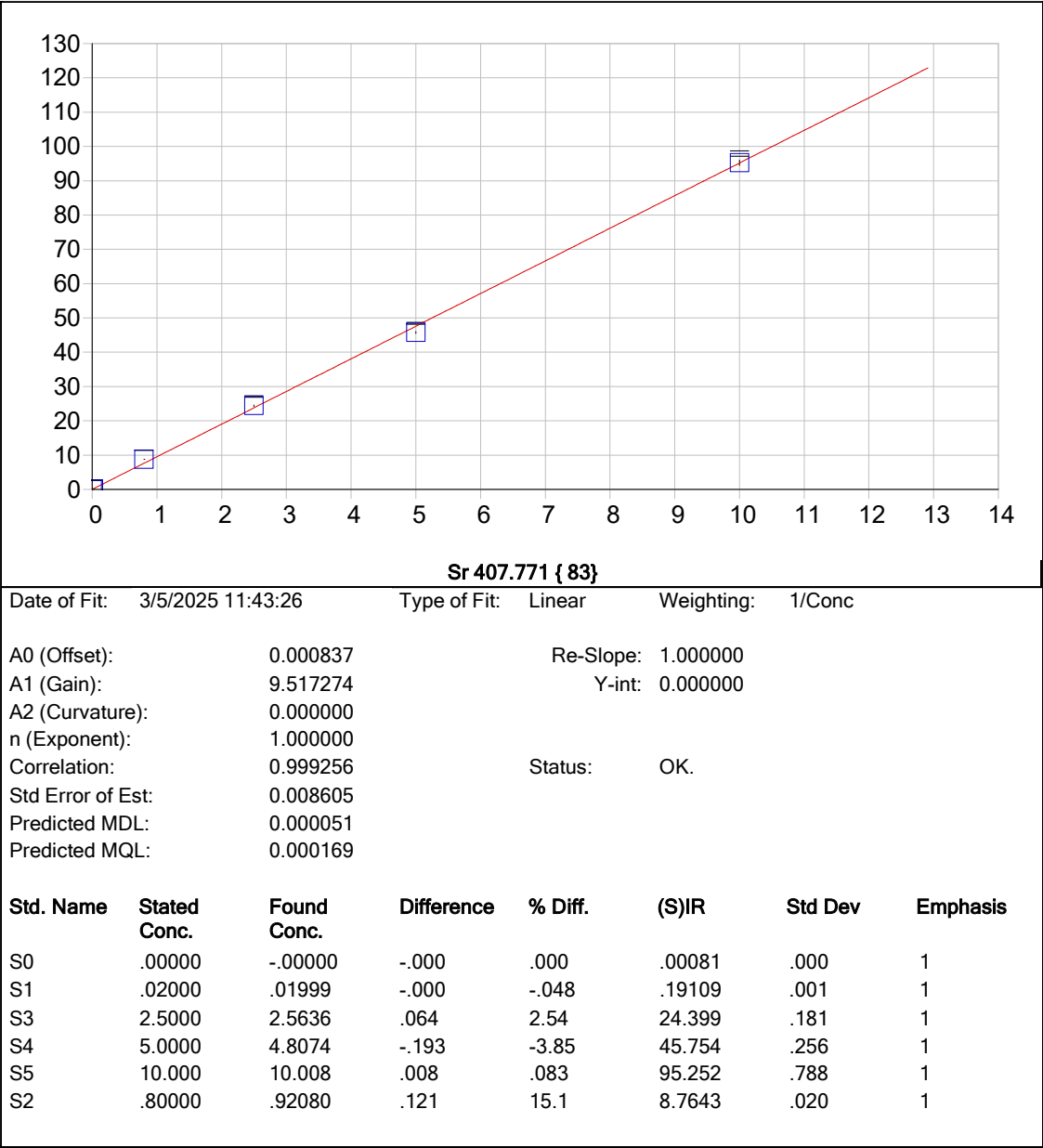


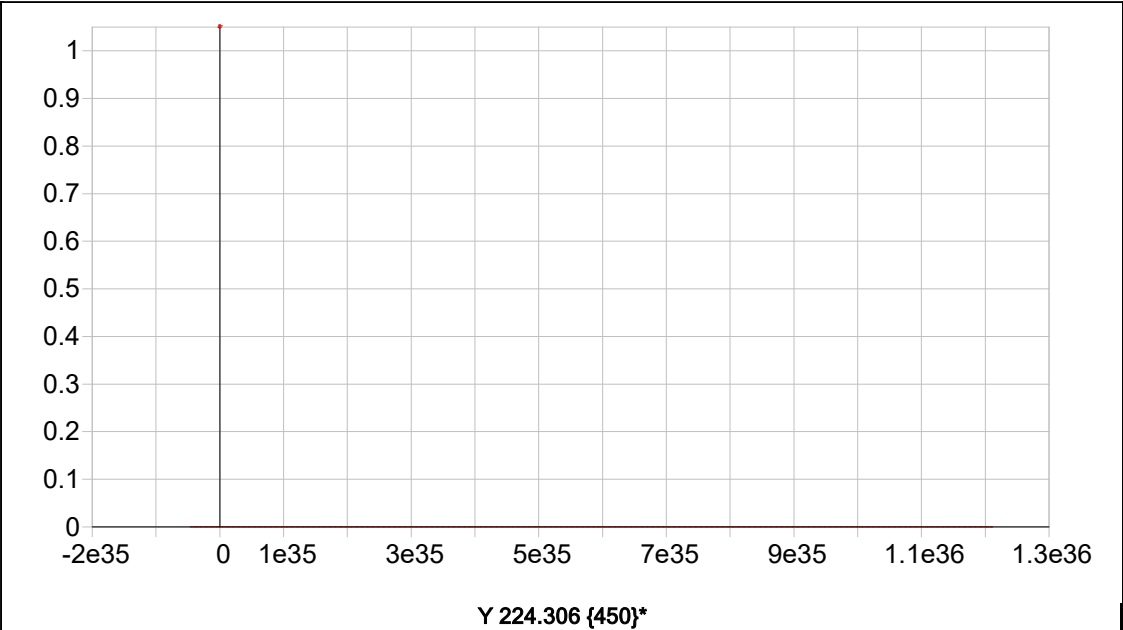






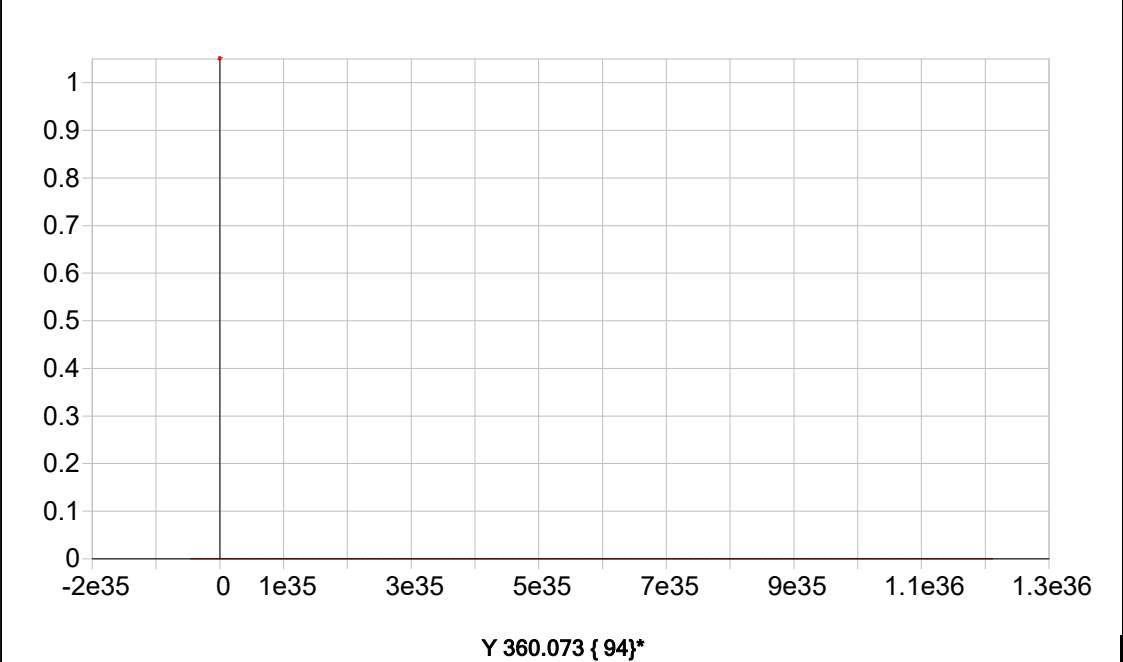




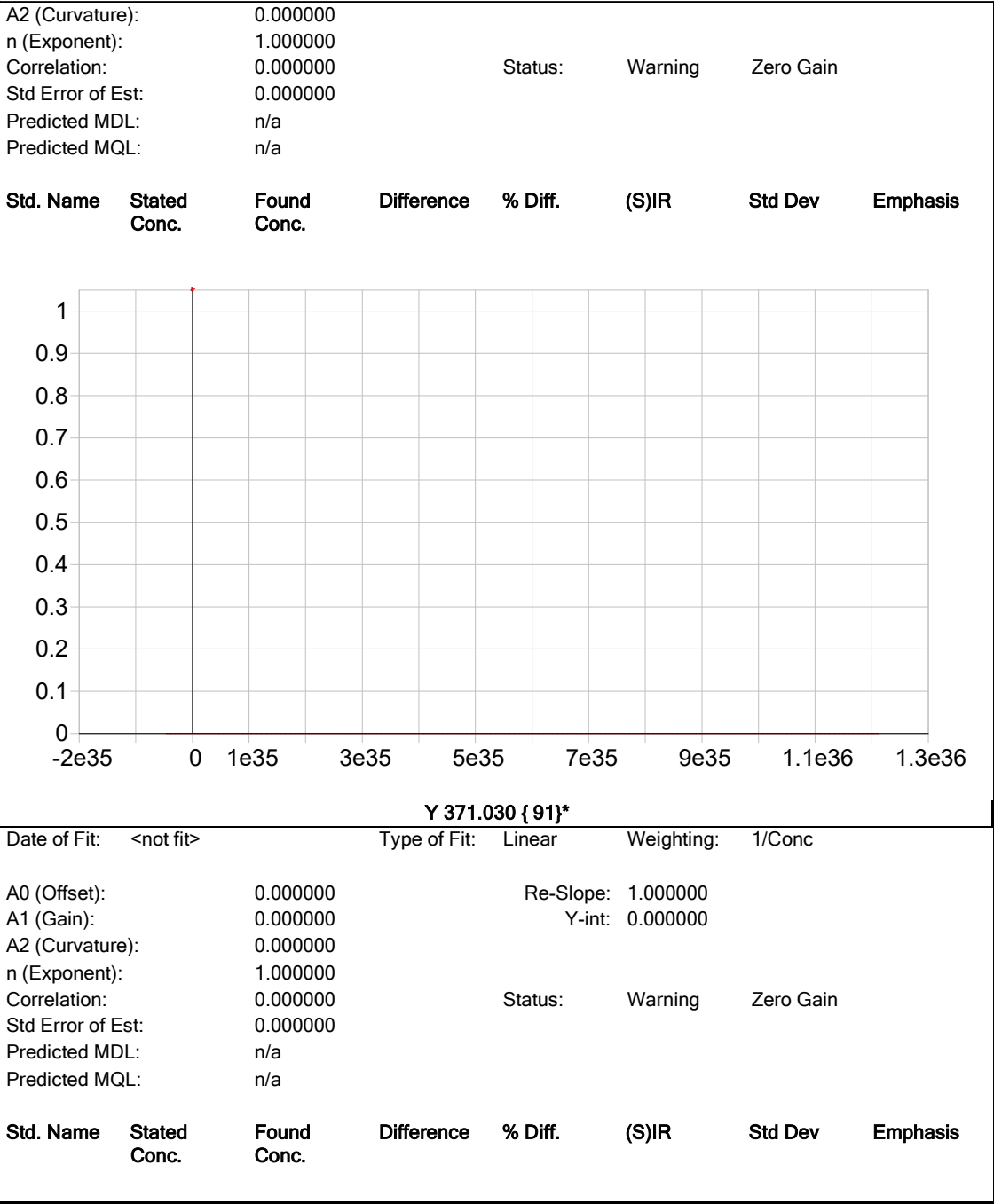


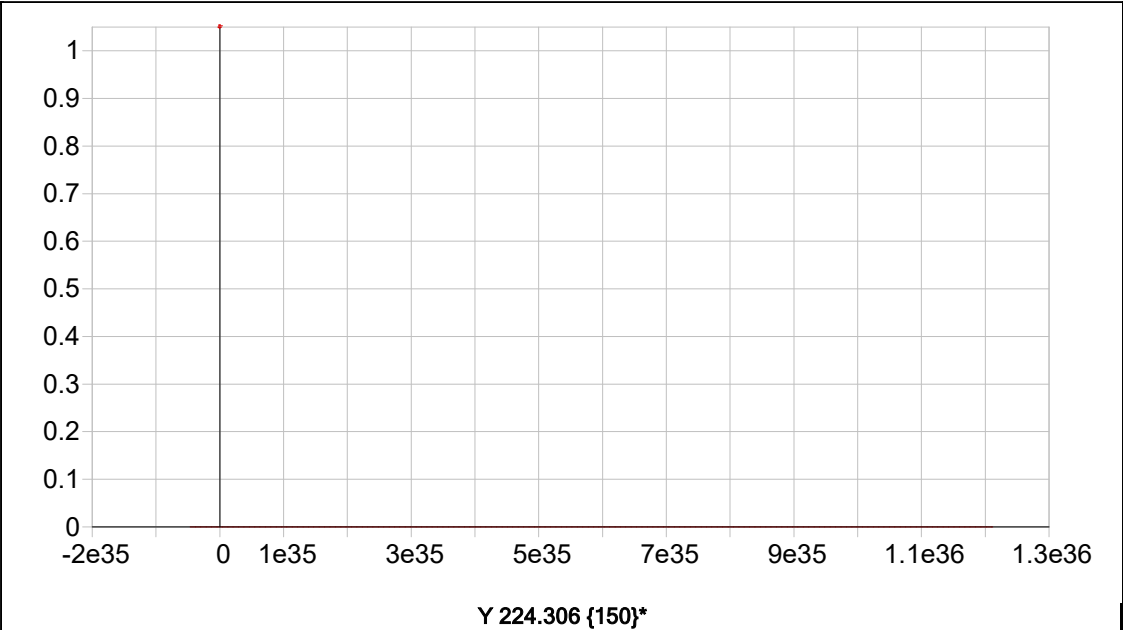
Date of Fit:	3/5/2025 11:43:26	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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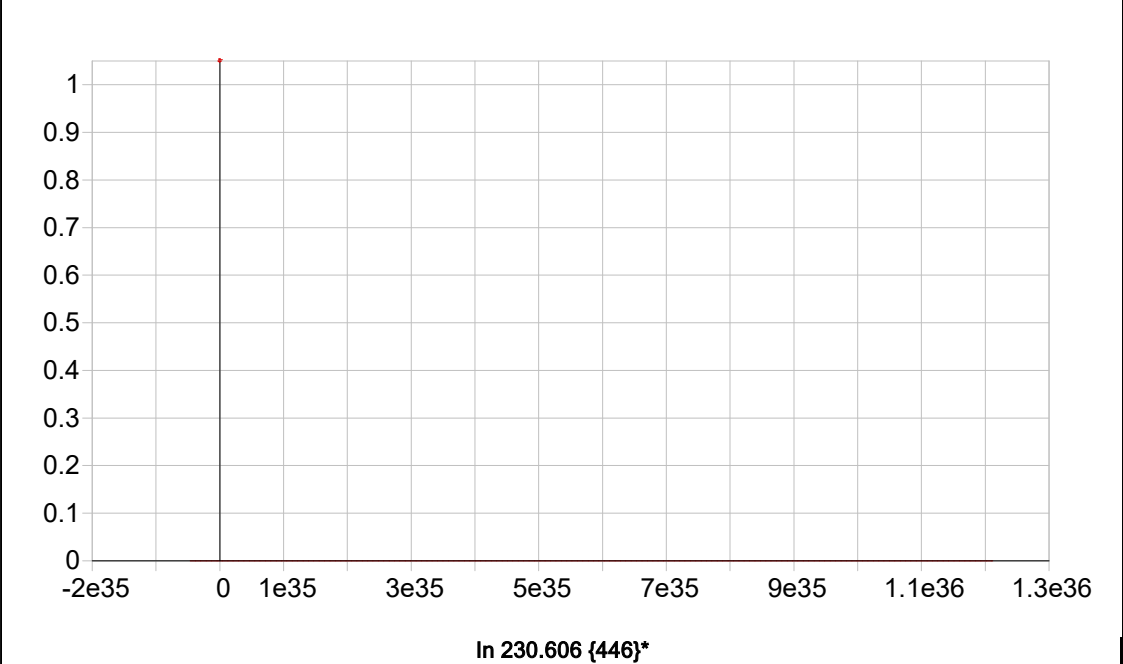
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





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

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

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

Sample Name: S0 Acquired: 3/5/2025 10:17:50 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	-.00010	-.00004	-.00009	.00032	.00039	.00098	.04470	-.00013
Stddev	.00003	.00004	.00012	.00012	.00026	.00063	.00041	.00012
%RSD	26.963	97.252	130.85	39.009	66.399	64.218	.91025	90.941

#1	-.00011	-.00006	-.00001	.00036	.00040	.00153	.04434	-.00003
#2	-.00013	.00000	-.00023	.00042	.00065	.00030	.04461	-.00010
#3	-.00007	-.00005	-.00004	.00018	.00013	.00111	.04514	-.00026

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	-.00016	.00144	.00002	.00001	-.00078	.00008	.00004	-.00024
Stddev	.00018	.00033	.00003	.00018	.00026	.00000	.00002	.00015
%RSD	112.00	23.254	122.54	3424.0	33.306	.78161	45.075	62.201

#1	-.00019	.00106	.00004	.00011	-.00067	.00008	.00003	-.00023
#2	-.00032	.00154	-.00001	.00011	-.00059	.00007	.00003	-.00009
#3	.00003	.00171	.00004	-.00020	-.00107	.00008	.00006	-.00039

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	-.00002	-.00145	.00146	-.00003	.00516	-.00061	.00422	.00029
Stddev	.00013	.00004	.00011	.00015	.00047	.00012	.00034	.00005
%RSD	535.65	2.5050	7.8104	576.18	9.0517	19.154	8.0011	18.449

#1	-.00006	-.00145	.00133	-.00013	.00474	-.00072	.00434	.00026
#2	-.00013	-.00141	.00152	.00015	.00508	-.00049	.00448	.00035
#3	.00012	-.00148	.00154	-.00010	.00566	-.00062	.00384	.00026

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	.00019	.00186	.00015	-.00093	.00030	.00892	.00081	
Stddev	.00006	.00004	.00003	.00003	.00002	.00095	.00043	
%RSD	30.360	2.1576	17.142	2.7435	5.1192	10.686	52.935	

#1	.00020	.00191	.00014	-.00095	.00031	.00992	.00111	
#2	.00024	.00183	.00018	-.00090	.00028	.00802	.00032	
#3	.00013	.00186	.00013	-.00095	.00031	.00884	.00101	

Sample Name: S0 Acquired: 3/5/2025 10:17:50 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	2703.7	77586.	14727.	2523.3	5089.1
Stddev	3.6	206.	49.	15.2	5.8
%RSD	.13215	.26514	.33612	.60271	.11344
#1	2707.8	77643.	14718.	2534.1	5095.6
#2	2701.2	77757.	14780.	2505.9	5084.5
#3	2702.2	77358.	14682.	2530.0	5087.4

Sample Name: S1 Acquired: 3/5/2025 10:22:14 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	.00120	.00248	.00206	.00181	.00801	.01074	.26095	.02304
Stddev	.00005	.00009	.00004	.00003	.00012	.00047	.00181	.00014
%RSD	4.3095	3.6514	1.7923	1.7163	1.4744	4.3601	.69462	.61292

#1	.00125	.00258	.00209	.00181	.00788	.01020	.25990	.02289
#2	.00122	.00247	.00209	.00183	.00806	.01097	.26305	.02306
#3	.00115	.00240	.00202	.00177	.00810	.01104	.25991	.02318

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	.01434	.11026	.00166	.02626	.01936	.00054	.00957	.02547
Stddev	.00019	.00016	.00004	.00037	.00008	.00001	.00013	.00013
%RSD	1.3122	.14714	2.2569	1.4254	.40346	1.2821	1.3713	.49445

#1	.01421	.11007	.00165	.02583	.01939	.00054	.00955	.02538
#2	.01455	.11035	.00164	.02653	.01927	.00053	.00971	.02561
#3	.01425	.11036	.00171	.02640	.01941	.00053	.00945	.02541

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	.02435	.00113	.02555	.00477	.10501	.01253	.03530	.17846
Stddev	.00019	.00011	.00009	.00010	.00073	.00020	.00035	.00064
%RSD	.76669	9.5188	.33686	2.1628	.69737	1.6055	.97799	.35669

#1	.02428	.00115	.02565	.00481	.10585	.01234	.03516	.17790
#2	.02420	.00101	.02551	.00485	.10458	.01249	.03570	.17833
#3	.02456	.00122	.02550	.00466	.10459	.01274	.03505	.17915

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	.00498	.01657	.00209	-.00029	.00072	.02091	.19109	
Stddev	.00004	.00017	.00005	.00005	.00006	.00011	.00095	
%RSD	.76421	1.0457	2.1517	16.181	8.7425	.53127	.49589	

#1	.00494	.01652	.00210	-.00034	.00078	.02101	.19126	
#2	.00501	.01676	.00213	-.00028	.00065	.02091	.19194	
#3	.00499	.01642	.00205	-.00025	.00073	.02079	.19007	

Sample Name: S1 Acquired: 3/5/2025 10:22:14 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	2610.0	76304.	14698.	2453.1	4865.6
Stddev	12.9	156.	78.	14.4	15.1
%RSD	.49549	.20443	.53098	.58541	.30939
#1	2622.7	76124.	14736.	2439.3	4882.7
#2	2610.5	76396.	14608.	2452.1	4860.0
#3	2596.8	76393.	14750.	2468.0	4854.3

Sample Name: S2 Acquired: 3/5/2025 10:26:35 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	.05864	.06179	.17953	.06537	.14141	.17263	3.9438	.17502
Stddev	.00017	.00055	.00069	.00036	.00053	.00065	.0076	.00208
%RSD	.28944	.89551	.38181	.55786	.37569	.37645	.19215	1.1911

#1	.05851	.06118	.17876	.06495	.14080	.17337	3.9505	.17733
#2	.05859	.06225	.17975	.06553	.14170	.17236	3.9355	.17447
#3	.05884	.06195	.18008	.06563	.14174	.17215	3.9453	.17327

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	1.0848	.24473	.03045	.40154	.20819	.00465	.21099	.05340
Stddev	.0022	.00154	.00009	.00087	.00103	.00002	.00048	.00016
%RSD	.20021	.62785	.30984	.21619	.49579	.43255	.22724	.29343

#1	1.0841	.24595	.03036	.40155	.20793	.00466	.21145	.05358
#2	1.0831	.24523	.03055	.40067	.20732	.00463	.21050	.05333
#3	1.0872	.24300	.03044	.40241	.20933	.00467	.21103	.05328

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	.27881	.05687	.05574	.05618	1.1180	.02890	.29586	.82547
Stddev	.00049	.00009	.00035	.00020	.0050	.00014	.00255	.00309
%RSD	.17460	.15071	.63475	.36355	.45047	.49001	.86095	.37434

#1	.27895	.05683	.05542	.05641	1.1130	.02880	.29867	.82193
#2	.27827	.05697	.05567	.05609	1.1231	.02884	.29518	.82683
#3	.27922	.05681	.05612	.05603	1.1179	.02907	.29372	.82765

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	.10926	.33697	.00484	.03074	.02149	.63347	8.7643
Stddev	.00017	.00108	.00001	.00002	.00012	.00057	.0199
%RSD	.15620	.31968	.27180	.06593	.54020	.09043	.22762

#1	.10914	.33789	.00483	.03076	.02162	.63310	8.7825
#2	.10918	.33725	.00484	.03076	.02146	.63318	8.7430
#3	.10946	.33579	.00485	.03072	.02139	.63413	8.7673

Sample Name: S2 Acquired: 3/5/2025 10:26:35 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	2555.0	76365.	14777.	2389.7	4768.6
Stddev	5.8	160.	109.	12.8	11.1
%RSD	.22764	.20901	.73866	.53401	.23241
#1	2561.0	76419.	14653.	2403.3	4768.0
#2	2554.6	76490.	14822.	2387.8	4779.9
#3	2549.4	76185.	14858.	2378.0	4757.8

Sample Name: S3 Acquired: 3/5/2025 10:30:40 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	.16714	.17201	.50236	.18533	.39844	.48399	10.858	.48258
Stddev	.00059	.00160	.00173	.00107	.00080	.00112	.071	.00185
%RSD	.35005	.93017	.34505	.57491	.20191	.23133	.65525	.38377

#1	.16679	.17032	.50179	.18431	.39785	.48528	10.788	.48435
#2	.16682	.17221	.50098	.18525	.39810	.48333	10.857	.48274
#3	.16782	.17350	.50431	.18644	.39936	.48335	10.930	.48066

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0416	.67296	.08544	1.1189	.59367	.01307	.57762	.14774
Stddev	.0080	.00192	.00013	.0035	.00156	.00005	.00276	.00071
%RSD	.26229	.28467	.15272	.31102	.26244	.40995	.47815	.48226

#1	3.0379	.67402	.08559	1.1179	.59372	.01307	.57954	.14777
#2	3.0361	.67411	.08539	1.1159	.59208	.01313	.57886	.14844
#3	3.0507	.67074	.08535	1.1227	.59520	.01302	.57445	.14702

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	.77368	.16147	.15966	.15563	3.1239	.08535	.80850	2.2989
Stddev	.00213	.00027	.00084	.00066	.0074	.00021	.00153	.0056
%RSD	.27581	.16592	.52456	.42488	.23564	.24823	.18911	.24540

#1	.77289	.16172	.16002	.15602	3.1213	.08556	.81026	2.2933
#2	.77206	.16151	.16026	.15602	3.1322	.08535	.80761	2.2990
#3	.77610	.16119	.15871	.15487	3.1182	.08514	.80761	2.3046

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	.30772	.93162	.01361	.08979	.06106	1.7374	24.399
Stddev	.00107	.00327	.00004	.00045	.00023	.0066	.181
%RSD	.34670	.35139	.27859	.50119	.38075	.37964	.74283

#1	.30693	.93255	.01357	.08933	.06090	1.7418	24.608
#2	.30729	.93433	.01360	.08981	.06096	1.7407	24.289
#3	.30893	.92798	.01365	.09023	.06133	1.7298	24.300

Sample Name: S3 Acquired: 3/5/2025 10:30:40 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	2475.9	72687.	14707.	2274.0	4569.1
Stddev	1.0	206.	68.	15.4	5.5
%RSD	.03947	.28409	.46247	.67890	.12057
#1	2476.7	72529.	14642.	2271.2	4571.5
#2	2474.8	72611.	14701.	2260.2	4573.0
#3	2476.2	72921.	14777.	2290.7	4562.8

Sample Name: S4 Acquired: 3/5/2025 10:34:52 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	.31336	.32320	.94444	.34594	.74652	.91420	20.376	.90255
Stddev	.00055	.00050	.00138	.00045	.00023	.00023	.252	.00519
%RSD	.17508	.15319	.14658	.13133	.03074	.02552	1.2354	.57504

#1	.31272	.32286	.94295	.34625	.74674	.91442	20.085	.89952
#2	.31369	.32297	.94468	.34542	.74653	.91422	20.517	.89959
#3	.31366	.32377	.94569	.34616	.74628	.91395	20.525	.90855

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	5.7712	1.2662	.15578	2.1158	1.0706	.02331	1.0844	.28072
Stddev	.0088	.0015	.00086	.0029	.0023	.00013	.0009	.00090
%RSD	.15243	.12248	.55003	.13955	.21475	.56740	.08568	.31954

#1	5.7636	1.2644	.15676	2.1136	1.0705	.02340	1.0851	.28058
#2	5.7692	1.2668	.15526	2.1147	1.0684	.02336	1.0847	.27990
#3	5.7808	1.2673	.15530	2.1192	1.0730	.02316	1.0833	.28167

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	1.4576	.29560	.29507	.29481	5.7023	.15637	1.5338	4.2747
Stddev	.0017	.00071	.00262	.00036	.0067	.00132	.0077	.0073
%RSD	.11910	.23939	.88931	.12096	.11756	.84476	.49953	.16956

#1	1.4561	.29640	.29787	.29452	5.7087	.15774	1.5271	4.2713
#2	1.4572	.29535	.29466	.29521	5.6953	.15627	1.5321	4.2698
#3	1.4595	.29506	.29267	.29470	5.7028	.15511	1.5422	4.2830

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	.58235	1.7567	.02475	.17422	.11783	3.3211	45.754
Stddev	.00094	.0004	.00020	.00036	.00044	.0050	.256
%RSD	.16190	.02025	.79525	.20414	.37162	.15167	.56000

#1	.58183	1.7567	.02497	.17408	.11734	3.3268	46.019
#2	.58178	1.7563	.02470	.17395	.11819	3.3194	45.507
#3	.58344	1.7570	.02458	.17462	.11797	3.3171	45.737

Sample Name: S4 Acquired: 3/5/2025 10:34:52 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	2447.8	74423.	14402.	2280.5	4415.5
Stddev	5.3	415.	44.	11.7	9.4
%RSD	.21699	.55827	.30808	.51114	.21242
#1	2450.8	73953.	14430.	2268.2	4423.0
#2	2450.9	74571.	14424.	2291.4	4418.6
#3	2441.6	74744.	14350.	2282.1	4405.0

Sample Name: S5 Acquired: 3/5/2025 10:39:05 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	.65936	.65782	1.9863	.71902	1.5667	1.9717	43.511	1.9091
Stddev	.00173	.00381	.0050	.00240	.0033	.0059	.339	.0132
%RSD	.26245	.57893	.25383	.33341	.20922	.29671	.77980	.69372

#1	.65747	.65494	1.9856	.71634	1.5631	1.9748	43.813	1.9239
#2	.65973	.65638	1.9817	.71975	1.5677	1.9650	43.143	1.9049
#3	.66087	.66214	1.9917	.72096	1.5694	1.9753	43.576	1.8984

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.233	2.6916	.32299	4.5048	2.2119	.04972	2.3186	.60345
Stddev	.027	.0082	.00047	.0102	.0052	.00022	.0125	.00174
%RSD	.22076	.30527	.14695	.22591	.23597	.43505	.53802	.28824

#1	12.229	2.7004	.32257	4.5016	2.2060	.04949	2.3317	.60539
#2	12.208	2.6842	.32350	4.4967	2.2138	.04976	2.3069	.60291
#3	12.262	2.6903	.32289	4.5163	2.2159	.04991	2.3173	.60204

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	3.0881	.62610	.65065	.63044	11.908	.34359	3.2292	8.8574
Stddev	.0058	.00033	.00351	.00173	.013	.00202	.0259	.0185
%RSD	.18873	.05331	.53913	.27448	.10622	.58651	.80158	.20912

#1	3.0864	.62644	.64804	.63180	11.899	.34173	3.2578	8.8370
#2	3.0834	.62577	.64926	.62849	11.903	.34331	3.2222	8.8622
#3	3.0946	.62610	.65463	.63102	11.923	.34574	3.2075	8.8731

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	1.2243	3.7728	.05323	.38082	.25812	7.2681	95.252
Stddev	.0024	.0141	.00064	.00120	.00081	.0275	.788
%RSD	.19873	.37245	1.1949	.31562	.31243	.37816	.82685

#1	1.2238	3.7850	.05261	.37980	.25746	7.2932	95.978
#2	1.2222	3.7575	.05320	.38052	.25789	7.2387	95.364
#3	1.2270	3.7760	.05388	.38214	.25902	7.2725	94.415

Sample Name: S5 Acquired: 3/5/2025 10:39:05 Type: Cal
Method: NON EPA-6010-200.7(v2750) 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	2370.7	71722.	13872.	2201.7	4158.2
Stddev	4.2	102.	97.	4.5	3.3
%RSD	.17808	.14274	.69955	.20233	.08036
#1	2371.3	71840.	13761.	2201.3	4154.4
#2	2366.2	71657.	13912.	2206.3	4160.5
#3	2374.6	71669.	13942.	2197.4	4159.8

Sample Name: ICV01 Acquired: 3/5/2025 10:43:17 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.037142	1.062052	1.020287	1.039737	1.019217	2.558684
Stddev	.003296	.004952	.003582	.003761	.000958	.010626
%RSD	.3177902	.4663138	.3511162	.3616788	.0940230	.4152943

#1	1.034770	1.056338	1.017731	1.035607	1.019570	2.570735
#2	1.040905	1.065113	1.018749	1.042962	1.018132	2.554657
#3	1.035750	1.064704	1.024382	1.040642	1.019948	2.550660

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4931526	.5133843	.5080113	9.961609	.5335949	.5163404
Stddev	.0027163	.0018604	.0017016	.014667	.0010454	.0019769
%RSD	.5508115	.3623772	.3349619	.1472370	.1959247	.3828771

#1	.4962450	.5155324	.5064342	9.977118	.5341027	.5147022
#2	.4920601	.5122904	.5077848	9.959748	.5342895	.5157828
#3	.4911525	.5123302	.5098148	9.947962	.5323926	.5185363

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5343703	9.821553	.5093241	5.974629	.5189818	.2584337
Stddev	.0015616	.059974	.0034678	.015077	.0011626	.0008060
%RSD	.2922339	.6106368	.6808691	.2523426	.2240053	.3118649

#1	.5325930	9.880347	.5130028	5.982806	.5184314	.2593638
#2	.5349951	9.823849	.5088546	5.983850	.5181966	.2579407
#3	.5355227	9.760465	.5061149	5.957231	.5203173	.2579966

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.126100	.4914018	1.033304	9.487727	2.460445	2.520515
Stddev	.044816	.0001215	.008811	.016797	.005954	.003926
%RSD	.4910748	.0247250	.8526967	.1770398	.2419959	.1557758

#1	9.172196	.4913046	1.041756	9.507093	2.467128	2.517521
#2	9.123421	.4913627	1.033983	9.477117	2.458501	2.524960
#3	9.082684	.4915380	1.024173	9.478972	2.455706	2.519063

Sample Name: ICV01 Acquired: 3/5/2025 10:43:17 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.440403	2.396600	F 2.121866	F .0000265	F -.006835	F .0001346
Stddev	.005489	.012973	.007564	.0002594	.001184	.0011600
%RSD	.2249319	.5413041	.3564749	977.3934	17.31457	861.6580
#1	2.435519	2.410052	2.129296	-.000267	-.005472	-.000562
#2	2.439347	2.395581	2.122128	.000225	-.007595	-.000508
#3	2.446344	2.384166	2.114174	.000121	-.007439	.001474

Elem	Sr4077
Units	ppm
Avg	F .0013467
Stddev	.0000869
%RSD	6.456386
#1	.0014458
#2	.0013107
#3	.0012835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.803	75865.84	14657.00	2323.014	4674.577
Stddev	5.413	311.07	67.48	15.066	13.836
%RSD	.2161990	.4100242	.4603759	.6485434	.2959943
#1	2509.099	75523.77	14580.57	2308.497	4688.633
#2	2498.280	75941.99	14682.10	2321.972	4674.128
#3	2504.031	76131.76	14708.34	2338.574	4660.971

Sample Name: LLICV01 Acquired: 3/5/2025 10:51:52 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189844	.0409973	.0119100	.0208112	.0523001	.1009497
Stddev	.0011304	.0007201	.0003315	.0020866	.0017222	.0008032
%RSD	5.954362	1.756351	2.782947	10.02612	3.292825	.7956554

#1	.0177712	.0417478	.0115642	.0204341	.0519417	.1015872
#2	.0200081	.0409320	.0122249	.0230606	.0541733	.1012143
#3	.0191740	.0403121	.0119409	.0189389	.0507854	.1000476

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922977	.0058500	.0059558	1.974846	.0106821	.0295696
Stddev	.0011771	.0000427	.0000330	.010587	.0003655	.0001473
%RSD	1.275369	.7292392	.5542410	.5360772	3.421604	.4982678

#1	.0919260	.0058208	.0059937	1.977901	.0110827	.0297341
#2	.0936158	.0058990	.0059408	1.983570	.0105969	.0294499
#3	.0913513	.0058304	.0059330	1.963068	.0103668	.0295247

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228033	.0962560	.0201004	2.095146	.0395548	.0107006
Stddev	.0003191	.0023133	.0003966	.016416	.0002663	.0005828
%RSD	1.399535	2.403309	1.973092	.7835273	.6733071	5.446575

#1	.0231713	.0965794	.0196637	2.111430	.0394633	.0100298
#2	.0226024	.0983906	.0204383	2.078601	.0393463	.0109891
#3	.0226361	.0937980	.0201991	2.095406	.0398548	.0110828

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.855437	.0402053	.0433872	1.967235	.0960952	.2123639
Stddev	.024576	.0002394	.0003425	.006361	.0006960	.0005416
%RSD	1.324523	.5955541	.7894299	.3233544	.7243106	.2550255

#1	1.874105	.0402201	.0435497	1.971359	.0959437	.2129884
#2	1.827594	.0404369	.0436182	1.970436	.0968546	.2120234
#3	1.864613	.0399587	.0429937	1.959909	.0954875	.2120798

Sample Name: LLICV01 Acquired: 3/5/2025 10:51:52 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391176	.0390620	.3966389	.0164259	.0166835	F .0153087
Stddev	.0004358	.0004894	.0067852	.0013179	.0020108	.0004566
%RSD	1.114051	1.252823	1.710683	8.023021	12.05272	2.982698
#1	.0392583	.0396259	.4018153	.0179270	.0187686	.0157617
#2	.0386288	.0388116	.3991440	.0158919	.0147563	.0153158
#3	.0394656	.0387485	.3889573	.0154589	.0165256	.0148486

Elem	Sr4077
Units	ppm
Avg	.0194821
Stddev	.0000737
%RSD	.3784421
#1	.0194365
#2	.0194427
#3	.0195672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.825	73353.18	15103.39	2216.059	4834.158
Stddev	3.936	318.50	73.01	15.160	3.241
%RSD	.1594784	.4341993	.4833713	.6841052	.0670427
#1	2463.286	72989.05	15164.61	2200.103	4830.417
#2	2470.296	73490.49	15022.59	2217.801	4836.131
#3	2469.892	73579.99	15122.98	2230.273	4835.926

Sample Name: ICB01 Acquired: 3/5/2025 10:56:09 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.001719	-.000865	-.001084	-.000615	.0005194	-.009001	-.003352
Stddev	.001509	.001823	.001029	.001905	.0008846	.002407	.000719
%RSD	87.79726	210.7094	94.88450	309.8505	170.3085	26.74244	21.46412

#1	-.000555	.000972	-.000260	-.000832	-.000472	-.011702	-.003930
#2	-.003423	-.000893	-.000755	.001390	.000801	-.007080	-.003578
#3	-.001178	-.002674	-.002237	-.002402	.001229	-.008222	-.002546

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000593	.0000947	-.008435	.0003047	.0000085	-.000088	-.016364
Stddev	.0000420	.0000651	.004635	.0001879	.0001525	.000017	.001581
%RSD	70.79713	68.79958	54.95133	61.65023	1792.600	19.33703	9.660600

#1	.0000124	.0000528	-.009286	.0001222	.0001613	-.000079	-.016209
#2	.0000720	.0000615	-.012585	.0002945	-.000144	-.000108	-.014866
#3	.0000935	.0001697	-.003433	.0004975	.000008	-.000077	-.018016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014198	-.001642	-.000394	.0003339	-.058377	.0000767	-.000365
Stddev	.0004028	.010623	.000193	.0002077	.020421	.0008366	.000129
%RSD	28.36998	646.8840	49.11379	62.20976	34.98087	1090.404	35.39455

#1	.0018686	-.002376	-.000564	.0005734	-.040323	.0000986	-.000225
#2	.0013008	-.011879	-.000433	.0002036	-.054267	-.000771	-.000479
#3	.0010899	.009328	-.000184	.0002247	-.080540	.000902	-.000393

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056442	-.007617	-.000046	-.000816	-.000025	-.001592	-.002291
Stddev	.022247	.000360	.000193	.000416	.000330	.007249	.002501
%RSD	39.41581	4.724165	416.1159	51.02033	1317.980	455.3067	109.1486

#1	-.081851	-.007236	.000157	-.000782	.000333	.006630	-.004001
#2	-.047016	-.007951	-.000229	-.000417	-.000090	-.007063	.000579
#3	-.040460	-.007665	-.000067	-.001248	-.000318	-.004343	-.003452

Sample Name: ICB01 Acquired: 3/5/2025 10:56:09 Type: Unk
 Method: NON EPA-6010-200.7(v2750) 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	-.001184	-.003557	-.000096
Stddev	.001052	.000514	.000051
%RSD	88.90841	14.44663	53.48761

#1	.000031	-.003543	-.000137
#2	-.001822	-.003051	-.000038
#3	-.001761	-.004078	-.000113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.130	76731.59	14968.00	2268.201	4874.928
Stddev	1.971	21.48	88.10	13.612	5.628
%RSD	.0794922	.0279948	.5886116	.6001016	.1154500

#1	2476.855	76747.81	14893.71	2252.588	4868.941
#2	2480.256	76707.23	15065.34	2274.442	4880.110
#3	2480.280	76739.74	14944.95	2277.573	4875.734

Sample Name: CRI01 Acquired: 3/5/2025 11:00:28 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0202213	.0412545	.0123355	.0189324	.0516975	.1018715	.0917551
Stddev	.0014080	.0014809	.0014280	.0008480	.0010961	.0047655	.0015772
%RSD	6.962676	3.589579	11.57626	4.478988	2.120297	4.677910	1.718930

#1	.0187522	.0395954	.0111998	.0181609	.0527231	.1071412	.0929525
#2	.0215589	.0424425	.0139386	.0198403	.0505423	.0978646	.0923448
#3	.0203529	.0417257	.0118680	.0187959	.0518271	.1006087	.0899680

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059168	.0058521	1.968783	.0104708	.0293715	.0224748	.0931557
Stddev	.0000940	.0000874	.008710	.0001414	.0000928	.0002739	.0043989
%RSD	1.589210	1.492936	.4423801	1.350650	.3160171	1.218871	4.722082

#1	.0060195	.0057715	1.977757	.0103276	.0292662	.0222186	.0969779
#2	.0058348	.0059449	1.968229	.0104744	.0294412	.0227636	.0883475
#3	.0058961	.0058399	1.960364	.0106103	.0294071	.0224421	.0941416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197580	2.077969	.0391168	.0104861	1.834208	.0401334	.0429360
Stddev	.0002058	.019068	.0008087	.0002955	.014182	.0010172	.0004571
%RSD	1.041590	.9176234	2.067349	2.818211	.7731788	2.534423	1.064492

#1	.0198273	2.096060	.0386815	.0108254	1.840866	.0392010	.0425526
#2	.0199203	2.079792	.0386190	.0102857	1.843836	.0412181	.0434418
#3	.0195266	2.058055	.0400499	.0103470	1.817922	.0399810	.0428137

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.916724	.0931112	.2084631	.0387082	.0388529	.3821098	.0180858
Stddev	.054903	.0003094	.0005084	.0005264	.0001338	.0029513	.0006552
%RSD	2.864409	.3323061	.2438699	1.360010	.3444627	.7723804	3.622504

#1	1.870239	.0927579	.2089486	.0390508	.0388744	.3843458	.0173357
#2	1.902635	.0933337	.2085060	.0381020	.0389747	.3787645	.0183760
#3	1.977299	.0932420	.2079346	.0389718	.0387096	.3832190	.0185457

Sample Name: CRI01 Acquired: 3/5/2025 11:00:28 Type: Unk
 Method: NON EPA-6010-200.7(v2750) 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	.0178152	.0140422	.0192909
Stddev	.0015352	.0004408	.0001433
%RSD	8.617582	3.139276	.7427814
#1	.0174630	.0136169	.0194560
#2	.0194960	.0144970	.0192181
#3	.0164867	.0140126	.0191987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.305	74237.58	15018.42	2262.864	4847.058
Stddev	1.901	441.92	106.33	22.003	3.116
%RSD	.0758981	.5952716	.7080098	.9723710	.0642797
#1	2502.283	73798.68	14903.46	2243.284	4845.693
#2	2504.577	74231.63	15038.55	2258.632	4850.623
#3	2506.055	74682.45	15113.25	2286.676	4844.858

Sample Name: ICSA01 Acquired: 3/5/2025 11:04:51 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046897	.0078843	.0031790	-.015410	-.002462	251.4901
Stddev	.0046365	.0012153	.0005790	.002942	.001346	2.0257
%RSD	98.86429	15.41415	18.21309	19.09006	54.64891	.8054969

#1	.0073389	.0089449	.0032624	-.018722	-.003581	249.3104
#2	.0073943	.0081498	.0025628	-.013102	-.000969	251.8448
#3	-.000664	.0065582	.0037118	-.014405	-.002837	253.3150

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030501	.0012039	-.003854	235.4346	.0603245	.0021526
Stddev	.0002191	.0000772	.000123	.1408	.0003511	.0001697
%RSD	7.185105	6.410117	3.189044	.0598093	.5820357	7.881239

#1	.0028774	.0012867	-.003943	235.3506	.0601361	.0021783
#2	.0029763	.0011341	-.003714	235.5972	.0601078	.0019715
#3	.0032966	.0011907	-.003905	235.3561	.0607296	.0023078

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148564	103.6344	.0024311	254.7631	.0018797	-.001845
Stddev	.0003939	.5545	.0003778	.2219	.0005735	.000465
%RSD	2.651386	.5350781	15.53967	.0870837	30.51066	25.19291

#1	.0150620	104.0566	.0023494	254.7807	.0025016	-.001321
#2	.0151050	103.0064	.0028430	254.5330	.0017657	-.002006
#3	.0144023	103.8403	.0021008	254.9757	.0013717	-.002209

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002984	.0033396	.0038151	-.063178	-.095964	-.000254
Stddev	.004733	.0019913	.0006245	.020038	.002085	.000239
%RSD	158.6285	59.62671	16.36930	31.71616	2.172738	94.03269

#1	-.008256	.0048046	.0033673	-.044872	-.093705	-.000451
#2	.000898	.0041417	.0045285	-.084586	-.097815	-.000325
#3	-.001593	.0010723	.0035496	-.060077	-.096371	.000012

Sample Name: ICSA01 Acquired: 3/5/2025 11:04:51 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003560	-.000960	.0235982	-.000237	-.017697	-.000309
Stddev	.000883	.000383	.0076135	.003567	.004907	.000065
%RSD	24.79434	39.90728	32.26324	1502.307	27.72817	20.99624
#1	-.004001	-.000518	.0306749	-.002959	-.013040	-.000245
#2	-.002544	-.001159	.0155425	-.001553	-.022821	-.000307
#3	-.004135	-.001202	.0245773	.003800	-.017230	-.000375

Elem	Sr4077
Units	ppm
Avg	F .0971220
Stddev	.0004339
%RSD	.4467666
#1	.0975178
#2	.0971901
#3	.0966580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.442	64549.13	14439.04	1985.495	3840.051
Stddev	3.010	131.44	38.10	6.032	4.882
%RSD	.1367512	.2036334	.2639003	.3038215	.1271367
#1	2204.252	64524.63	14462.34	1988.258	3843.016
#2	2198.265	64691.10	14395.07	1989.652	3842.722
#3	2201.810	64431.66	14459.72	1978.576	3834.417

Sample Name: ICSAB01 Acquired: 3/5/2025 11:09:16 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1145741	.1066533	.0549349	.0319963	.6231336	251.2204
Stddev	.0034630	.0010673	.0032046	.0021213	.0050737	2.8730
%RSD	3.022480	1.000742	5.833349	6.629829	.8142263	1.143636

#1	.1112711	.1078560	.0517838	.0310074	.6180395	249.8352
#2	.1142738	.1058189	.0581903	.0344315	.6231747	254.5237
#3	.1181775	.1062851	.0548307	.0305500	.6281867	249.3025

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4779596	.4826068	1.003928	232.2339	.5825137	.5101716
Stddev	.0008953	.0027619	.002497	.4800	.0041199	.0015137
%RSD	.1873125	.5722964	.2487355	.2066876	.7072529	.2967089

#1	.4779529	.4802687	1.002995	232.4903	.5846797	.5094080
#2	.4788582	.4856543	1.002031	232.5313	.5850988	.5091917
#3	.4770677	.4818975	1.006757	231.6802	.5777627	.5119150

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5166650	103.1755	.4644769	249.5453	1.007605	.2236466
Stddev	.0017563	.6642	.0017767	.5386	.003220	.0006029
%RSD	.3399198	.6437300	.3825141	.2158288	.3195442	.2695997

#1	.5155638	103.9359	.4654573	249.9032	1.005497	.2234135
#2	.5157408	102.8822	.4655475	249.8069	1.006007	.2231950
#3	.5186903	102.7085	.4624260	248.9259	1.011311	.2243313

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083456	.4711268	1.091509	-.064068	.9306973	F 1.175973
Stddev	.0046672	.0027998	.002643	.009021	.0063744	.004254
%RSD	55.92376	.5942663	.2421491	14.08081	.6849030	.3617579

#1	.0038078	.4735154	1.091527	-.058671	.9255073	1.175092
#2	.0080968	.4718192	1.088857	-.074483	.9378123	1.172229
#3	.0131322	.4680458	1.094143	-.059051	.9287721	1.180599

Sample Name: ICSAB01 Acquired: 3/5/2025 11:09:16 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.149088	1.073341	1.118805	F .0042066	F -.015975	F -.000222
Stddev	.005999	.002565	.004170	.0031303	.004872	.000544
%RSD	.5220873	.2389740	.3727469	74.41456	30.49462	245.4611
#1	1.148527	1.074146	1.118173	.0052342	-.019031	.000126
#2	1.143389	1.075408	1.123255	.0006916	-.018538	-.000849
#3	1.155348	1.070471	1.114987	.0066939	-.010357	.000058

Elem	Sr4077
Units	ppm
Avg	F .0963634
Stddev	.0002240
%RSD	.2324738
#1	.0965980
#2	.0963405
#3	.0961517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.707	64150.11	14545.59	1934.809	3813.232
Stddev	3.492	215.83	98.13	7.323	8.278
%RSD	.1613712	.3364449	.6746394	.3784722	.2170913
#1	2164.895	64113.18	14606.82	1926.816	3813.665
#2	2166.449	63955.13	14432.40	1936.418	3821.286
#3	2159.776	64382.03	14597.53	1941.193	3804.747

Sample Name: CCV01 Acquired: 3/5/2025 11:13:27 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.102269	5.085233	5.000748	5.148929	5.119798	10.04398	9.753232
Stddev	.025183	.084607	.014013	.017926	.024660	.01162	.111920
%RSD	.4935716	1.663779	.2802120	.3481583	.4816624	.1157260	1.147512

#1	5.113677	5.126067	4.995636	5.165490	5.129574	10.05426	9.740833
#2	5.073400	5.141679	4.990010	5.129894	5.091749	10.03137	9.648028
#3	5.119729	4.987954	5.016599	5.151402	5.138071	10.04631	9.870834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2449206	2.484268	24.24341	1.034589	2.478535	1.272067	5.056768
Stddev	.0015065	.004088	.11182	.001730	.005187	.005411	.021851
%RSD	.6150997	.1645744	.4612202	.1671872	.2092762	.4253973	.4321073

#1	.2436658	2.480492	24.16821	1.035548	2.476398	1.273486	5.070513
#2	.2445045	2.483702	24.19012	1.032593	2.474758	1.266087	5.068219
#3	.2465914	2.488610	24.37191	1.035627	2.484449	1.276627	5.031572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.391436	24.24927	2.479768	1.281794	24.88249	2.464263	2.587095
Stddev	.009268	.19370	.004867	.002363	.20375	.002986	.012081
%RSD	.3875330	.7987930	.1962487	.1843475	.8188583	.1211594	.4669579

#1	2.380758	24.07318	2.476447	1.284384	25.08611	2.462794	2.598401
#2	2.396168	24.21789	2.477503	1.279756	24.88275	2.467699	2.588518
#3	2.397382	24.45675	2.485355	1.281242	24.67861	2.462298	2.574366

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.57305	4.876050	5.139241	5.003987	4.867669	5.209244	4.949763
Stddev	.15869	.046182	.014385	.003132	.010095	.038772	.021021
%RSD	.6205223	.9471116	.2799068	.0625841	.2073977	.7442872	.4246781

#1	25.71304	4.830172	5.138905	5.007594	4.856108	5.253062	4.932962
#2	25.60544	4.875450	5.125026	5.002406	4.874748	5.179384	4.942993
#3	25.40067	4.922529	5.153791	5.001961	4.872150	5.195288	4.973335

Sample Name: CCV01 Acquired: 3/5/2025 11:13:27 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	4.907346	4.857150	4.945302
Stddev	.021757	.004616	.109186
%RSD	.4433537	.0950433	2.207875

#1	4.926158	4.858381	4.819543
#2	4.912360	4.861025	5.000427
#3	4.883520	4.852042	5.015935

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.502	69323.42	14322.58	2086.568	4315.275
Stddev	14.211	215.12	113.37	12.596	12.233
%RSD	.6046052	.3103144	.7915261	.6036708	.2834798

#1	2350.704	69099.88	14418.62	2072.444	4317.615
#2	2364.610	69528.99	14351.58	2090.623	4326.169
#3	2336.190	69341.39	14197.52	2096.638	4302.042

Sample Name: CCB01 Acquired: 3/5/2025 11:17:39 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.001399	-.000451	.0000184	.0003710	-.000399	-.009520	-.003818
Stddev	.001099	.000460	.0008548	.0019096	.000116	.003712	.000511
%RSD	78.51206	101.9395	4656.128	514.6897	29.18402	38.98951	13.39404

#1	-.000982	-.000828	.0003699	.0021000	-.000528	-.006585	-.004406
#2	-.000570	-.000587	-.000956	-.001679	-.000365	-.013693	-.003478
#3	-.002645	.000061	.000641	.000692	-.000303	-.008283	-.003570

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000068	.0000660	-.010589	.0005083	-.000050	-.000300	-.011232
Stddev	.0000165	.0000333	.001130	.0002338	.000113	.000281	.002196
%RSD	241.3487	50.39221	10.67453	45.99976	226.4346	93.67518	19.54946

#1	.0000032	.0001039	-.011660	.0007280	-.000176	-.000330	-.013536
#2	-.000008	.0000416	-.010701	.0002625	-.000016	-.000005	-.009164
#3	.000025	.0000525	-.009407	.0005346	.000042	-.000564	-.010996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000204	.0069153	-.000230	-.000021	-.055850	-.000226	-.000696
Stddev	.000067	.0093738	.000051	.000138	.013007	.001016	.000135
%RSD	32.93346	135.5499	22.23964	670.7560	23.28888	450.0757	19.41662

#1	-.000193	-.003650	-.000251	-.000132	-.059925	.000231	-.000768
#2	-.000275	.014233	-.000172	.000134	-.066330	.000482	-.000540
#3	-.000142	.010163	-.000268	-.000063	-.041293	-.001390	-.000780

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059831	.0039734	.0000457	-.000013	.0006631	.0052053	-.002708
Stddev	.013399	.0003147	.0002111	.000085	.0006171	.0097954	.001264
%RSD	22.39412	7.919810	461.7414	672.3679	93.06891	188.1830	46.67939

#1	-.067461	.0043297	.0002887	-.000014	.0004268	.0123222	-.003745
#2	-.067671	.0037335	-.000092	.000073	.0013635	-.005966	-.003080
#3	-.044360	.0038571	-.000060	-.000096	.0001991	.009260	-.001300

Sample Name: CCB01 Acquired: 3/5/2025 11:17:39 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.004154	-.005271	-.000040
Stddev	.000264	.000471	.000012
%RSD	6.359357	8.942334	30.59709

#1	-.004247	-.005104	-.000027
#2	-.004358	-.005804	-.000052
#3	-.003855	-.004907	-.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2451.357	72733.03	14792.28	2209.608	4841.033
Stddev	1.968	186.98	22.04	6.107	5.631
%RSD	.0802893	.2570708	.1489770	.2763748	.1163239

#1	2450.870	72529.15	14813.24	2202.873	4837.384
#2	2449.678	72773.47	14794.29	2211.166	4838.197
#3	2453.523	72896.48	14769.30	2214.785	4847.519

Sample Name: Q1447-01 Acquired: 3/5/2025 11:21:59 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0278365	.0109375	1.331443	-.033350	.0002802	66.59204	.9062432
Stddev	.0013024	.0016496	.006479	.003215	.0008140	.21435	.0057221
%RSD	4.678782	15.08223	.4865928	9.639633	290.4835	.3218781	.6314141

#1	.0263666	.0106300	1.336246	-.036855	.0012129	66.42042	.8997242
#2	.0282961	.0127192	1.334009	-.030538	-.000288	66.52339	.9085704
#3	.0288468	.0094632	1.324075	-.032657	-.000085	66.83230	.9104351

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072473	-.005550	22.15119	.1465742	.0819704	.4211565	210.5578
Stddev	.0000811	.000138	.08883	.0007907	.0000975	.0010816	1.1236
%RSD	1.118867	2.488875	.4010171	.5394385	.1189023	.2568248	.5336219

#1	.0072123	-.005692	22.04869	.1460297	.0820785	.4220243	210.5928
#2	.0071896	-.005543	22.19901	.1474811	.0819433	.4199447	211.6634
#3	.0073400	-.005416	22.20586	.1462118	.0818893	.4215006	209.4171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.329604	28.58344	.1556975	-.001512	1.007055	.1871516	.6425564
Stddev	.036087	.04603	.0002517	.000106	.007947	.0019128	.0012031
%RSD	.6771026	.1610441	.1616533	7.036822	.7891032	1.022052	.1872399

#1	5.288563	28.53708	.1559294	-.001633	.997892	.1890281	.6429732
#2	5.356370	28.62914	.1557333	-.001463	1.012059	.1852045	.6434956
#3	5.343878	28.58411	.1554299	-.001438	1.011213	.1872223	.6412003

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.050972	-.170333	.0031746	.0080079	1.654555	4.806469	4.536932
Stddev	.015281	.005159	.0002245	.0013885	.007595	.033112	.016804
%RSD	.1897991	3.028810	7.071538	17.33986	.4590466	.6889072	.3703737

#1	8.063518	-.165561	.0029202	.0065420	1.646755	4.834369	4.556116
#2	8.033954	-.169632	.0033450	.0093033	1.654984	4.815159	4.524819
#3	8.055442	-.175807	.0032586	.0081783	1.661927	4.769878	4.529863

Sample Name: Q1447-01 Acquired: 3/5/2025 11:21:59 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.669743	.1969932	.1120205
Stddev	.010414	.0005917	.0005744
%RSD	.6236729	.3003778	.5127817
#1	1.661958	.1971367	.1113640
#2	1.665699	.1975000	.1122669
#3	1.681572	.1963430	.1124307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.076	78991.18	16969.12	2385.164	4384.684
Stddev	1.511	246.48	68.69	15.045	2.872
%RSD	.0568714	.3120362	.4047664	.6307558	.0655103
#1	2655.343	78762.72	17040.63	2376.441	4382.132
#2	2657.813	78958.41	16963.05	2376.514	4387.795
#3	2655.071	79252.41	16903.66	2402.536	4384.124

Sample Name: Q1474-01 Acquired: 3/5/2025 11:26:33 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0951742	.0096180	.2239671	-.032388	-.001047	64.18360	.2814544
Stddev	.0042153	.0041199	.0011463	.001532	.001038	.03569	.0018595
%RSD	4.429074	42.83505	.5118258	4.728724	99.15793	.0555989	.6606749

#1	.0943256	.0084432	.2229956	-.034035	-.001157	64.20367	.2810497
#2	.0914477	.0141977	.2236743	-.031007	-.002025	64.20473	.2798306
#3	.0997492	.0062131	.2252314	-.032121	.000042	64.14240	.2834829

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071785	-.010086	43.22546	.2246864	.0430227	.1063460	214.3199
Stddev	.0000251	.000260	.08355	.0006685	.0001877	.0001945	.8255
%RSD	.3494044	2.577133	.1932967	.2975268	.4361841	.1828570	.3851770

#1	.0072047	-.010074	43.22245	.2252958	.0432273	.1065652	214.3241
#2	.0071547	-.010352	43.14346	.2247919	.0429820	.1062786	215.1434
#3	.0071761	-.009832	43.31048	.2239714	.0428586	.1061943	213.4924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8037926	16.56326	.0673077	-.001629	2.830954	.2717612	.3004968
Stddev	.0035606	.01063	.0003270	.000297	.015116	.0013288	.0023486
%RSD	.4429804	.0642005	.4857866	18.22976	.5339617	.4889464	.7815865

#1	.8041663	16.57224	.0674274	-.001907	2.832743	.2727023	.2984391
#2	.8000598	16.55152	.0669377	-.001662	2.845096	.2702411	.3030555
#3	.8071516	16.56603	.0675579	-.001316	2.815023	.2723400	.2999957

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.555554	-.187289	.0046597	.0057474	1.100336	5.293351	6.112799
Stddev	.086277	.008683	.0001365	.0004074	.004167	.028945	.005812
%RSD	1.008429	4.636162	2.929937	7.089152	.3786906	.5468243	.0950725

#1	8.571206	-.184986	.0045238	.0053961	1.098227	5.302578	6.110118
#2	8.632934	-.179990	.0047968	.0056519	1.097646	5.316559	6.108813
#3	8.462523	-.196891	.0046586	.0061941	1.105136	5.260917	6.119467

Sample Name: Q1474-01 Acquired: 3/5/2025 11:26:33 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.095384	.1125258	.1718856
Stddev	.014023	.0014778	.0002892
%RSD	.6692334	1.313265	.1682518
#1	2.087099	.1129285	.1715863
#2	2.087479	.1137605	.1719072
#3	2.111575	.1108885	.1721635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.073	73632.41	15627.79	2211.646	4299.777
Stddev	5.192	273.71	59.74	17.621	4.145
%RSD	.2149967	.3717217	.3822755	.7967528	.0963967
#1	2420.151	73499.58	15600.91	2209.877	4301.822
#2	2409.773	73450.46	15696.25	2194.976	4295.007
#3	2415.294	73947.19	15586.22	2230.085	4302.501

Sample Name: Q1480-01 Acquired: 3/5/2025 11:30:40 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.1300698	.0044162	.6368232	-.027448	.0034513	76.58227	.3845873
Stddev	.0030467	.0024715	.0002146	.004809	.0016178	.08735	.0010183
%RSD	2.342350	55.96471	.0336925	17.52211	46.87392	.1140652	.2647756

#1	.1301791	.0070375	.6368817	-.032384	.0047600	76.63729	.3851298
#2	.1330604	.0040830	.6365854	-.027184	.0016426	76.48154	.3852195
#3	.1269699	.0021282	.6370024	-.022776	.0039513	76.62797	.3834126

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072628	-.005661	15.95156	.3199227	.0255697	.3421852	172.9834
Stddev	.0000228	.000121	.02394	.0022804	.0002553	.0007947	.7134
%RSD	.3133465	2.145805	.1500973	.7127861	.9984106	.2322579	.4124350

#1	.0072890	-.005801	15.93046	.3224495	.0256809	.3415478	173.8026
#2	.0072491	-.005602	15.97758	.3193010	.0257505	.3430757	172.6496
#3	.0072502	-.005580	15.94664	.3180177	.0252777	.3419322	172.4981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5119991	8.738175	.0533472	-.000577	.3980823	.3936152	.4942734
Stddev	.0008474	.007685	.0001046	.000347	.0034211	.0026514	.0014162
%RSD	.1655118	.0879503	.1961552	60.21290	.8593936	.6736030	.2865221

#1	.5116487	8.745106	.0532266	-.000177	.4020326	.3914805	.4936135
#2	.5113831	8.729910	.0534132	-.000804	.3961091	.3965832	.4933075
#3	.5129656	8.739511	.0534019	-.000749	.3961051	.3927820	.4958991

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.793141	-.166947	.0086263	.0171206	1.071775	6.238167	6.463879
Stddev	.075741	.006396	.0001408	.0003361	.001458	.035205	.020225
%RSD	.9718884	3.831422	1.631942	1.963259	.1360615	.5643449	.3128870

#1	7.875549	-.159703	.0087498	.0167956	1.073377	6.268066	6.473772
#2	7.726574	-.169317	.0086560	.0174668	1.070524	6.247070	6.477253
#3	7.777300	-.171819	.0084730	.0170995	1.071425	6.199366	6.440612

Sample Name: Q1480-01 Acquired: 3/5/2025 11:30:40 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.253511	.0963240	.1064785
Stddev	.023318	.0006546	.0001920
%RSD	.4438638	.6795563	.1803406
#1	5.227382	.0961298	.1066656
#2	5.260946	.0970537	.1064879
#3	5.272206	.0957885	.1062819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.222	76861.00	16213.11	2267.694	4418.402
Stddev	5.074	115.77	51.59	8.192	9.612
%RSD	.2024599	.1506203	.3182194	.3612605	.2175455
#1	2511.568	76733.55	16267.62	2261.554	4429.019
#2	2501.473	76889.81	16206.67	2264.533	4415.898
#3	2505.624	76959.64	16165.04	2276.996	4410.290

Sample Name: Q1480-09 Acquired: 3/5/2025 11:34:46 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.1252851	.0012962	1.516503	-.025654	.0320676	53.96156
Stddev	.0001510	.0020901	.004559	.001977	.0015590	.37674
%RSD	.1205207	161.2466	.3006372	7.706643	4.861745	.6981729

#1	.1253036	.0014906	1.516761	-.027588	.0321143	53.75070
#2	.1251257	-.000884	1.511820	-.025736	.0336027	54.39652
#3	.1254259	.003282	1.520928	-.023637	.0304857	53.73746

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4350507	.0064396	-.003037	33.22832	.2415992	.0452491
Stddev	.0022477	.0000596	.000142	.26020	.0012323	.0000647
%RSD	.5166532	.9252188	4.686037	.7830782	.5100647	.1428999

#1	.4340900	.0063710	-.002877	33.06200	.2406925	.0452921
#2	.4376191	.0064784	-.003149	33.52818	.2411029	.0451748
#3	.4334430	.0064693	-.003085	33.09477	.2430023	.0452806

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2617720	176.4909	.4032397	10.17266	.1277801	.0006060
Stddev	.0004864	1.0591	.0026478	.03054	.0008056	.0002737
%RSD	.1857981	.6000799	.6566400	.3002358	.6304350	45.17488

#1	.2613053	175.3722	.4005018	10.15938	.1281137	.0003008
#2	.2617349	176.6224	.4057871	10.20759	.1268613	.0006872
#3	.2622759	177.4781	.4034302	10.15101	.1283652	.0008299

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3691706	.5266403	.7081203	4.397106	-.151936	.0129518
Stddev	.0090274	.0057133	.0018951	.004748	.006615	.0002919
%RSD	2.445321	1.084859	.2676303	.1079812	4.353509	2.253788

#1	.3640641	.5228514	.7087032	4.400065	-.155837	.0126190
#2	.3795939	.5332118	.7060022	4.391630	-.155672	.0130718
#3	.3638539	.5238576	.7096556	4.399625	-.144299	.0131645

Sample Name: Q1480-09 Acquired: 3/5/2025 11:34:46 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0271334	1.126766	5.995364	5.548784	F 48.64316	.1083536
Stddev	.0006743	.009151	.049306	.023149	.16052	.0003836
%RSD	2.485153	.8121427	.8224038	.4171852	.3299902	.3540582
#1	.0277119	1.117435	6.017027	5.557247	48.51537	.1079624
#2	.0272955	1.135726	5.938935	5.522594	48.59077	.1083693
#3	.0263928	1.127138	6.030129	5.566510	48.82332	.1087292

Elem	Sr4077
Units	ppm
Avg	.2011939
Stddev	.0013033
%RSD	.6478012
#1	.2003852
#2	.2026974
#3	.2004990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2538.526	76357.99	16319.23	2263.300	4458.246
Stddev	3.837	185.27	136.59	1.167	6.295
%RSD	.1511504	.2426283	.8369741	.0515559	.1412081
#1	2534.096	76567.98	16362.67	2263.275	4452.859
#2	2540.785	76288.35	16166.21	2262.145	4465.166
#3	2540.697	76217.64	16428.82	2264.478	4456.712

Sample Name: Q1480-17 Acquired: 3/5/2025 11:38:50 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0639980	.0014694	.1196428	-.018027	-.003199	215.2328	.7848285
Stddev	.0015455	.0017893	.0014661	.002158	.001994	1.6667	.0016005
%RSD	2.414896	121.7706	1.225400	11.96945	62.32953	.7743619	.2039299

#1	.0656239	.0031472	.1207294	-.020479	-.005441	217.1505	.7866633
#2	.0625480	-.000414	.1179752	-.016416	-.002531	214.4138	.7841031
#3	.0638221	.001675	.1202237	-.017187	-.001625	214.1340	.7837192

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065440	-.008428	7.200770	.2082083	.0805440	.0939317	158.2298
Stddev	.0001025	.000305	.006431	.0004085	.0007740	.0007415	.5782
%RSD	1.566664	3.617824	.0893123	.1961891	.9609735	.7893634	.3654320

#1	.0066576	-.008110	7.208145	.2078872	.0809387	.0937254	157.8550
#2	.0065158	-.008719	7.196324	.2086681	.0796522	.0933152	158.8957
#3	.0064585	-.008454	7.197842	.2080696	.0810411	.0947545	157.9386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3433205	5.655012	.0728320	-.000323	1.630933	.3012216	.1693954
Stddev	.0005052	.027784	.0004351	.000677	.003900	.0014728	.0002386
%RSD	.1471533	.4913186	.5974309	209.9597	.2391089	.4889298	.1408644

#1	.3438924	5.623031	.0732633	-.001053	1.627317	.3023406	.1692119
#2	.3429346	5.668794	.0723931	-.000201	1.630417	.2995531	.1693092
#3	.3431346	5.673211	.0728396	.000286	1.635065	.3017711	.1696651

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.887817	-.132519	.0038959	.0047605	1.550017	7.156191	3.251797
Stddev	.034866	.002599	.0002979	.0004141	.003996	.006544	.014886
%RSD	.5062051	1.961502	7.646412	8.698528	.2578294	.0914505	.4577628

#1	6.856271	-.135216	.0037553	.0045938	1.552903	7.151295	3.264829
#2	6.925254	-.130030	.0036943	.0052320	1.545456	7.163624	3.235575
#3	6.881928	-.132311	.0042381	.0044558	1.551692	7.153654	3.254986

Sample Name: Q1480-17 Acquired: 3/5/2025 11:38:50 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	1.221742	.0833604	.0679895
Stddev	.010425	.0016420	.0000876
%RSD	.8532541	1.969786	.1289006
#1	1.229869	.0816704	.0678953
#2	1.225367	.0849498	.0680048
#3	1.209988	.0834609	.0680685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.047	72021.43	15725.32	2221.598	4328.354
Stddev	3.299	48.69	77.74	3.749	15.651
%RSD	.1333562	.0676083	.4943578	.1687354	.3615902
#1	2471.303	71965.53	15645.57	2217.651	4316.655
#2	2473.132	72044.21	15800.88	2222.033	4346.133
#3	2477.708	72054.57	15729.51	2225.111	4322.276

Sample Name: Q1480-25 Acquired: 3/5/2025 11:43:05 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0516414	.0042232	.1229074	-.013070	-.000175	31.29965	.1995660
Stddev	.0021923	.0018350	.0013062	.003037	.000785	.04562	.0007269
%RSD	4.245199	43.45088	1.062791	23.23222	448.7324	.1457633	.3642214

#1	.0527033	.0051631	.1218285	-.009793	-.000717	31.27025	.1987549
#2	.0491204	.0053978	.1243597	-.015788	-.000533	31.27649	.1997847
#3	.0531006	.0021086	.1225340	-.013631	.000726	31.35221	.2001584

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039374	-.005651	6.241667	.2228318	.0150078	.0560349	102.0579
Stddev	.0000575	.000049	.022832	.0000952	.0001965	.0001821	.3391
%RSD	1.459725	.8583146	.3657961	.0427230	1.309020	.3249372	.3322232

#1	.0039027	-.005684	6.231627	.2228137	.0147926	.0560439	101.9756
#2	.0039057	-.005673	6.225575	.2229347	.0150532	.0558485	102.4305
#3	.0040038	-.005595	6.267798	.2227469	.0151775	.0562124	101.7676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2979401	4.355524	.0416702	-.000465	.5139223	.1516934	.2073021
Stddev	.0009786	.015548	.0003500	.000250	.0143591	.0012892	.0007240
%RSD	.3284421	.3569693	.8398939	53.75800	2.794021	.8498615	.3492695

#1	.2968106	4.342201	.0416137	-.000717	.4987731	.1510350	.2077589
#2	.2984776	4.351764	.0413519	-.000460	.5156607	.1508663	.2076801
#3	.2985320	4.372607	.0420450	-.000217	.5273330	.1531788	.2064673

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.694852	-.089900	.0057437	.0077195	.4817907	5.217752	2.365176
Stddev	.025427	.000917	.0002305	.0005774	.0012462	.005337	.012664
%RSD	.4464955	1.020301	4.013616	7.479157	.2586624	.1022849	.5354236

#1	5.701751	-.089929	.0059990	.0073050	.4831856	5.215472	2.350564
#2	5.716118	-.088968	.0055508	.0074746	.4807872	5.213935	2.372007
#3	5.666687	-.090802	.0056815	.0083789	.4813993	5.223851	2.372958

Sample Name: Q1480-25 Acquired: 3/5/2025 11:43:05 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.3298448	.0519522	.0549569
Stddev	.0019285	.0006504	.0000984
%RSD	.5846757	1.251939	.1789971
#1	.3319660	.0518638	.0548714
#2	.3293713	.0526423	.0550645
#3	.3281972	.0513505	.0549349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.814	72612.35	15169.44	2184.283	4634.818
Stddev	5.321	179.93	21.12	7.042	6.498
%RSD	.2157906	.2477941	.1392468	.3224059	.1402069
#1	2464.865	72720.05	15178.16	2191.517	4642.263
#2	2461.031	72404.63	15184.80	2177.450	4631.903
#3	2471.545	72712.37	15145.35	2183.882	4630.287

Sample Name: Q1474-01DUP Acquired: 3/5/2025 11:47:17 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0962357	.0094578	.2225870	-.035597	-.001141	64.75881	.2818524
Stddev	.0051366	.0002666	.0012504	.003117	.000344	.14047	.0011261
%RSD	5.337463	2.818893	.5617651	8.755059	30.18883	.2169097	.3995284

#1	.1021231	.0091923	.2227074	-.038570	-.000783	64.91711	.2831411
#2	.0926689	.0097255	.2212807	-.032355	-.001170	64.64906	.2813576
#3	.0939152	.0094556	.2237729	-.035866	-.001470	64.71025	.2810584

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072142	-.009349	43.07075	.2245560	.0427946	.1084023	212.2640
Stddev	.0000661	.000096	.21803	.0009482	.0002000	.0011197	1.0083
%RSD	.9165767	1.025237	.5062097	.4222322	.4672515	1.032885	.4750070

#1	.0072444	-.009349	43.32163	.2255794	.0429332	.1091654	213.2197
#2	.0072598	-.009444	42.92711	.2243811	.0428853	.1071169	211.2103
#3	.0071383	-.009253	42.96351	.2237075	.0425654	.1089245	212.3619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8069881	16.58430	.0672915	-.002395	2.783047	.2728350	.3037676
Stddev	.0037731	.02759	.0001384	.000295	.005625	.0012789	.0012690
%RSD	.4675491	.1663849	.2056844	12.29894	.2021147	.4687289	.4177546

#1	.8108162	16.60609	.0673138	-.002541	2.776615	.2740597	.3051903
#2	.8032726	16.55327	.0674174	-.002589	2.787047	.2729370	.3027525
#3	.8068755	16.59353	.0671433	-.002056	2.785478	.2715082	.3033599

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.507571	-.212394	.0045395	.0051286	1.114230	5.788184	6.066893
Stddev	.007961	.001939	.0001593	.0010736	.003833	.007504	.034338
%RSD	.0935734	.9127514	3.509065	20.93358	.3439712	.1296493	.5659980

#1	8.506798	-.212988	.0044114	.0047899	1.115515	5.796252	6.103486
#2	8.500025	-.213966	.0044893	.0063307	1.109920	5.781412	6.061822
#3	8.515890	-.210228	.0047179	.0042652	1.117254	5.786888	6.035373

Sample Name: Q1474-01DUP Acquired: 3/5/2025 11:47:17 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.096826	.1120922	.1710611
Stddev	.015646	.0001617	.0005412
%RSD	.7461662	.1442331	.3164013
#1	2.114528	.1121793	.1716859
#2	2.084850	.1119056	.1707611
#3	2.091098	.1121916	.1707363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.219	73753.24	15443.76	2203.909	4313.216
Stddev	7.811	177.81	68.43	.583	11.984
%RSD	.3231193	.2410899	.4431106	.0264627	.2778531
#1	2408.355	73578.57	15365.26	2204.539	4299.413
#2	2423.094	73934.04	15475.15	2203.387	4319.254
#3	2420.207	73747.11	15490.87	2203.802	4320.980

Sample Name: Q1474-01LX5 Acquired: 3/5/2025 11:51:25 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.0175681	.0017877	.0448713	-.005061	.0001125	13.32411	.0537005
Stddev	.0028246	.0019942	.0007988	.001301	.0001192	.01472	.0007332
%RSD	16.07827	111.5554	1.780133	25.71081	105.9556	.1104475	1.365424

#1	.0165924	.0012206	.0449303	-.003582	-.000025	13.32729	.0540615
#2	.0153606	.0001384	.0440447	-.005575	.000172	13.30806	.0541832
#3	.0207512	.0040040	.0456390	-.006027	.000190	13.33697	.0528568

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015997	-.002097	9.005153	.0461646	.0085771	.0237065	42.00162
Stddev	.0000636	.000096	.017693	.0001814	.0001204	.0002814	.22244
%RSD	3.977100	4.585504	.1964733	.3928774	1.403607	1.186996	.5295939

#1	.0016580	-.001996	9.021329	.0460311	.0085172	.0239144	41.95754
#2	.0016094	-.002188	9.007872	.0460915	.0087157	.0233863	41.80452
#3	.0015318	-.002106	8.986258	.0463711	.0084984	.0238189	42.24279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671457	3.435593	.0129714	-.000513	.4818615	.0577684	.0612276
Stddev	.0004970	.035760	.0001919	.000086	.0087175	.0015072	.0001866
%RSD	.2973461	1.040866	1.479549	16.82848	1.809127	2.609013	.3047986

#1	.1674750	3.435852	.0128925	-.000523	.4739315	.0567575	.0612127
#2	.1665740	3.471223	.0128314	-.000422	.4804570	.0595007	.0614212
#3	.1673881	3.399704	.0131901	-.000594	.4911959	.0570470	.0610489

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.563912	-.062647	.0005311	-.000034	.2261318	1.024750	1.181089
Stddev	.016917	.001726	.0001684	.000827	.0008414	.016714	.004908
%RSD	1.081697	2.755606	31.70347	2418.594	.3720713	1.631004	.4155111

#1	1.581799	-.064027	.0003936	-.000605	.2270966	1.023037	1.176647
#2	1.548170	-.063202	.0004809	-.000413	.2257476	1.008958	1.180264
#3	1.561767	-.060711	.0007189	.000915	.2255510	1.042253	1.186357

Sample Name: Q1474-01LX5 Acquired: 3/5/2025 11:51:25 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.4091284	.0175740	.0353896
Stddev	.0035818	.0002178	.0000949
%RSD	.8754659	1.239225	.2681055
#1	.4051599	.0178010	.0354055
#2	.4101041	.0175544	.0352878
#3	.4121213	.0173667	.0354756

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.039	75125.73	15021.11	2198.731	4610.917
Stddev	7.444	124.02	64.93	5.989	12.560
%RSD	.3091399	.1650778	.4322725	.2723737	.2723915
#1	2407.894	75082.63	15000.08	2198.595	4602.969
#2	2415.554	75265.54	14969.30	2204.787	4625.397
#3	2400.668	75029.01	15093.95	2192.812	4604.386

Sample Name: CCV02 Acquired: 3/5/2025 11:55:40 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.191795	4.928589	5.051650	5.208731	5.218803	10.21888	9.728047
Stddev	.029978	.044013	.021994	.022784	.015075	.03132	.121515
%RSD	.5774205	.8930227	.4353829	.4374223	.2888551	.3065070	1.249124

#1	5.208431	4.931971	5.038724	5.209427	5.225423	10.25342	9.811111
#2	5.157187	4.882982	5.039181	5.185608	5.201551	10.21092	9.784450
#3	5.209766	4.970813	5.077045	5.231160	5.229435	10.19231	9.588580

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2462108	2.503961	24.54289	1.042931	2.504482	1.298997	5.100294
Stddev	.0008478	.009517	.12567	.002676	.007634	.003934	.008818
%RSD	.3443519	.3800869	.5120444	.2565647	.3047960	.3028163	.1728951

#1	.2464170	2.498532	24.65258	1.043982	2.501229	1.297501	5.109711
#2	.2469366	2.498401	24.57033	1.039889	2.499013	1.296032	5.098941
#3	.2452789	2.514950	24.40577	1.044921	2.513203	1.303459	5.092231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.408812	24.38282	2.504165	1.295510	25.29030	2.493939	2.606331
Stddev	.016659	.10438	.008568	.000486	.19524	.015603	.004889
%RSD	.6915671	.4280797	.3421654	.0374950	.7719883	.6256298	.1875851

#1	2.424358	24.50094	2.498975	1.295164	25.49322	2.510454	2.611176
#2	2.410851	24.34450	2.499465	1.296065	25.10378	2.491920	2.606417
#3	2.391228	24.30301	2.514055	1.295300	25.27391	2.479445	2.601399

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.05908	4.888313	5.208954	5.035373	4.918194	5.253984	5.054522
Stddev	.12673	.026788	.018268	.021815	.021547	.037883	.025876
%RSD	.4863349	.5480050	.3507089	.4332420	.4381055	.7210270	.5119424

#1	26.16866	4.885593	5.211436	5.024106	4.940268	5.279796	5.048733
#2	25.92029	4.916358	5.189572	5.021495	4.917100	5.210494	5.032030
#3	26.08828	4.862990	5.225855	5.060518	4.897215	5.271664	5.082802

Sample Name: CCV02 Acquired: 3/5/2025 11:55:40 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.954342	4.952934	4.985910
Stddev	.027538	.024171	.007453
%RSD	.5558453	.4880214	.1494830

#1	4.954497	4.980545	4.978545
#2	4.926727	4.942661	4.993448
#3	4.981803	4.935597	4.985737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2305.118	68992.74	14303.32	2068.424	4261.085
Stddev	6.236	250.69	54.19	7.641	12.838
%RSD	.2705497	.3633560	.3788972	.3694070	.3012901

#1	2305.101	68794.68	14270.69	2059.615	4270.404
#2	2311.363	69274.60	14273.38	2073.260	4266.410
#3	2298.891	68908.95	14365.88	2072.396	4246.441

Sample Name: CCB02 Acquired: 3/5/2025 11:59:51 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001153	-.000895	-.001067	-.000484	.0002279	-.008415	-.004264
Stddev	.001377	.000355	.001174	.003820	.0006337	.003144	.000123
%RSD	119.4399	39.68207	109.9780	789.2518	278.0227	37.36105	2.894234

#1	-.000283	-.000518	.000116	.000916	-.000452	-.008059	-.004155
#2	-.000435	-.000944	-.002231	.002438	.000333	-.011723	-.004398
#3	-.002740	-.001222	-.001086	-.004806	.000802	-.005465	-.004240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000026	.0000319	-.011984	.0000358	.0000884	.0000689	-.012786
Stddev	.0000672	.0000695	.006192	.0001457	.0001767	.0003257	.001050
%RSD	2541.904	218.0381	51.66896	407.0371	199.9633	472.9128	8.213161

#1	.0000608	-.000042	-.011336	.0000904	.0002607	.0000937	-.012946
#2	.0000181	.000041	-.006141	-.000129	.0000969	.0003815	-.011665
#3	-.000071	.000097	-.018475	.000146	-.000092	-.000269	-.013747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000122	.0067302	-.000101	.0002402	-.068220	-.000178	-.000644
Stddev	.000206	.0134756	.000349	.0004778	.017200	.000258	.000070
%RSD	169.2320	200.2252	344.0346	198.8665	25.21296	144.7957	10.81936

#1	-.000202	.0168611	.000299	-.000094	-.053444	-.000288	-.000706
#2	.000112	-.008563	-.000335	.000028	-.064115	-.000362	-.000569
#3	-.000276	.011893	-.000269	.000787	-.087102	.000116	-.000657

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.030868	.0007902	.0001997	.0002172	-.000188	.0039329	-.001159
Stddev	.020185	.0003953	.0002438	.0004650	.000610	.0038220	.001471
%RSD	65.38951	50.02201	122.0749	214.0741	323.7419	97.18192	126.9124

#1	-.049008	.0005821	.0001358	.0002955	.000242	.0045164	.000455
#2	-.034473	.0005425	.0004692	.0006380	-.000886	.0074296	-.002425
#3	-.009124	.0012461	-.000006	-.000282	.000079	-.000147	-.001507

Sample Name: CCB02 Acquired: 3/5/2025 11:59:51 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006098	-.005380	-.000020
Stddev	.004553	.001792	.000074
%RSD	74.66013	33.30201	368.5027

#1	-.003289	-.005515	.000064
#2	-.003654	-.003525	-.000051
#3	-.011350	-.007100	-.000073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.748	73840.94	14725.97	2230.054	4848.080
Stddev	10.572	198.34	74.18	5.601	15.287
%RSD	.4322470	.2686035	.5037145	.2511669	.3153126

#1	2439.671	73623.08	14740.54	2223.587	4842.398
#2	2457.955	74011.04	14645.59	2233.233	4865.394
#3	2439.617	73888.70	14791.78	2233.343	4836.448

Sample Name: Q1474-01MS Acquired: 3/5/2025 12:04:10 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.8428150	1.822727	1.117945	1.722265	.3907790	75.68826
Stddev	.0060822	.012346	.001357	.002336	.0013587	.06160
%RSD	.7216556	.6773344	.1213623	.1356527	.3476822	.0813843

#1	.8357957	1.836242	1.116379	1.719772	.3897135	75.67503
#2	.8465275	1.819898	1.118699	1.722618	.3903145	75.63436
#3	.8461217	1.812041	1.118757	1.724404	.3923090	75.75540

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4149917	.1868112	.1811480	52.16599	.6432066	.2415881
Stddev	.0005527	.0011334	.0001585	.16254	.0007667	.0004896
%RSD	.1331904	.6066956	.0874711	.3115764	.1191981	.2026684

#1	.4150760	.1879629	.1811575	52.34852	.6428041	.2410341
#2	.4154973	.1856971	.1809850	52.03690	.6427250	.2417673
#3	.4144016	.1867736	.1813014	52.11254	.6440907	.2419628

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3931252	224.5993	1.000350	21.91322	.5590358	.0730548
Stddev	.0011703	.3932	.003546	.09641	.0012917	.0000979
%RSD	.2976800	.1750606	.3545013	.4399855	.2310650	.1339505

#1	.3922722	224.1717	1.003658	22.00019	.5598785	.0729444
#2	.3926440	224.9452	1.000787	21.80954	.5575486	.0730888
#3	.3944593	224.6812	.996606	21.92993	.5596802	.0731310

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.086097	.5415910	.5223237	22.93189	.0808502	.3774391
Stddev	.012994	.0010842	.0014392	.09938	.0040037	.0002831
%RSD	.2134984	.2001778	.2755448	.4333524	4.951971	.0750053

#1	6.095775	.5419559	.5218462	22.86773	.0797401	.3774465
#2	6.091189	.5424455	.5211838	23.04636	.0852918	.3777184
#3	6.071329	.5403714	.5239409	22.88157	.0775187	.3771524

Sample Name: Q1474-01MS Acquired: 3/5/2025 12:04:10 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.6611428	1.204867	8.132975	F 11.64128	1.941016	.3218879
Stddev	.0013380	.005502	.037663	.02367	.003725	.0006718
%RSD	.2023826	.4566897	.4630852	.2033415	.1918855	.2087103
#1	.6623724	1.203635	8.093795	11.63271	1.939230	.3216230
#2	.6597178	1.200086	8.136219	11.62309	1.938520	.3226517
#3	.6613382	1.210882	8.168911	11.66804	1.945297	.3213888

Elem	Sr4077
Units	ppm
Avg	.3505441
Stddev	.0007384
%RSD	.2106564
#1	.3507512
#2	.3511568
#3	.3497242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.883	72299.88	15372.12	2177.849	4227.612
Stddev	2.715	154.94	89.93	14.161	7.718
%RSD	.1136048	.2143028	.5850267	.6502386	.1825504
#1	2391.752	72302.43	15286.18	2180.256	4229.404
#2	2391.127	72453.53	15465.57	2190.653	4234.276
#3	2386.769	72143.68	15364.60	2162.639	4219.156

Sample Name: Q1474-01MSD Acquired: 3/5/2025 12:07:55 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.8468351	1.808033	1.359403	1.729078	.3937602	75.90199
Stddev	.0006788	.015090	.000881	.003474	.0017046	.12875
%RSD	.0801567	.8346185	.0648219	.2009261	.4329068	.1696275

#1	.8476185	1.823507	1.358637	1.732999	.3957240	75.84525
#2	.8464213	1.793359	1.359205	1.726381	.3926622	75.81135
#3	.8464655	1.807233	1.360366	1.727855	.3928945	76.04936

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4101840	.1876452	.1734081	51.96702	.6462096	.2405229
Stddev	.0011451	.0004481	.0004275	.01279	.0015905	.0003388
%RSD	.2791739	.2387985	.2465210	.0246129	.2461250	.1408376

#1	.4090596	.1881594	.1738980	51.97899	.6480090	.2402533
#2	.4113487	.1874379	.1731107	51.96851	.6456282	.2404123
#3	.4101436	.1873383	.1732157	51.95354	.6449916	.2409031

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3804808	259.9755	1.187115	21.92593	.5859462	.0794278
Stddev	.0008206	1.0957	.003083	.06916	.0010602	.0002299
%RSD	.2156795	.4214610	.2597184	.3154396	.1809305	.2894477

#1	.3811886	258.8191	1.184386	21.85235	.5870980	.0794322
#2	.3795813	260.9982	1.190459	21.98961	.5850112	.0796554
#3	.3806724	260.1091	1.186500	21.93585	.5857296	.0791957

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.937231	.5384738	.8348315	22.76121	.1576536	.3768941
Stddev	.021571	.0011704	.0045932	.07588	.0033599	.0008634
%RSD	.3633117	.2173492	.5501977	.3333898	2.131157	.2290704

#1	5.912793	.5373265	.8378912	22.68454	.1542743	.3778478
#2	5.953621	.5396659	.8370536	22.76281	.1576927	.3761659
#3	5.945277	.5384290	.8295498	22.83628	.1609937	.3766686

Sample Name: Q1474-01MSD Acquired: 3/5/2025 12:07:55 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.6587757	1.195202	8.136173	F 11.55598	1.916780	.3336331
Stddev	.0006478	.003255	.016549	.05407	.004784	.0010785
%RSD	.0983387	.2723777	.2034062	.4678998	.2495916	.3232465
#1	.6592723	1.191959	8.117415	11.60806	1.920396	.3325868
#2	.6580429	1.198470	8.148712	11.50012	1.911355	.3335716
#3	.6590120	1.195177	8.142392	11.55976	1.918589	.3347411

Elem	Sr4077
Units	ppm
Avg	.3469235
Stddev	.0002405
%RSD	.0693310
#1	.3467054
#2	.3471815
#3	.3468837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.194	71920.06	15255.02	2140.812	4241.780
Stddev	4.704	111.29	21.35	2.580	4.759
%RSD	.1967100	.1547422	.1399223	.1205182	.1121927
#1	2388.554	71939.83	15239.05	2140.695	4236.918
#2	2396.624	72020.14	15279.26	2143.448	4246.428
#3	2388.403	71800.21	15246.75	2138.292	4241.996

Sample Name: Q1474-01A Acquired: 3/5/2025 12:11:54 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.8563901	1.833989	1.360184	1.764691	.3993361	77.07935
Stddev	.0026188	.008835	.002338	.005154	.0016242	.13229
%RSD	.3057975	.4817175	.1719219	.2920465	.4067280	.1716307

#1	.8546589	1.825494	1.357810	1.760579	.3998129	76.95588
#2	.8551086	1.843128	1.362485	1.763021	.4006685	77.06320
#3	.8594029	1.833346	1.360255	1.770472	.3975268	77.21898

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4011068	.1925223	.1762771	52.32896	.6486599	.2411275
Stddev	.0013781	.0004494	.0007662	.09186	.0005386	.0003975
%RSD	.3435675	.2334398	.4346582	.1755413	.0830351	.1648565

#1	.4002975	.1920219	.1754084	52.22898	.6487262	.2406722
#2	.4026980	.1926536	.1765659	52.40963	.6491624	.2413047
#3	.4003250	.1928915	.1768569	52.34827	.6480913	.2414056

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3863051	252.2247	1.184747	22.02729	.5889044	.0786259
Stddev	.0012184	1.2231	.002600	.03604	.0007641	.0006106
%RSD	.3154045	.4849285	.2194797	.1635961	.1297453	.7765895

#1	.3850363	253.5668	1.187674	22.05717	.5880688	.0793309
#2	.3874659	251.9344	1.182703	21.98727	.5890769	.0782703
#3	.3864130	251.1728	1.183864	22.03742	.5895674	.0782764

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.698783	.5396636	.8531422	22.17880	.1128753	.3822998
Stddev	.022432	.0010488	.0049263	.05760	.0038397	.0007437
%RSD	.3936265	.1943448	.5774344	.2597099	3.401758	.1945434

#1	5.709649	.5408730	.8586569	22.22393	.1171963	.3814422
#2	5.672988	.5390046	.8491766	22.11392	.1098545	.3826886
#3	5.713713	.5391132	.8515931	22.19855	.1115750	.3827685

Sample Name: Q1474-01A Acquired: 3/5/2025 12:11:54 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.6618664	1.197383	8.105454	F 11.50668	1.934902	.3324507
Stddev	.0037851	.002733	.034248	.02565	.011842	.0005510
%RSD	.5718892	.2282179	.4225351	.2228716	.6119974	.1657301
#1	.6583284	1.196753	8.138829	11.47773	1.922194	.3326896
#2	.6614130	1.195020	8.107139	11.51580	1.945628	.3318205
#3	.6658578	1.200376	8.070395	11.52653	1.936883	.3328418

Elem	Sr4077
Units	ppm
Avg	.3430421
Stddev	.0007326
%RSD	.2135528
#1	.3423427
#2	.3429797
#3	.3438039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.675	71622.96	14801.59	2108.665	4218.057
Stddev	.294	300.76	25.06	11.826	9.589
%RSD	.0124512	.4199178	.1693080	.5608150	.2273259
#1	2358.510	71379.46	14813.29	2098.614	4226.616
#2	2359.014	71530.26	14772.82	2105.684	4219.862
#3	2358.501	71959.15	14818.67	2121.696	4207.695

Sample Name: LR1 Acquired: 3/5/2025 12:15:55 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.0545667	.0750026	.0202748	-.141380	-.015438	2103.296	.0106760
Stddev	.0112925	.0033014	.0064763	.007869	.008035	19.449	.0007514
%RSD	20.69490	4.401755	31.94280	5.566215	52.04651	.9246690	7.037991

#1	.0416592	.0744599	.0150710	-.135185	-.015734	2086.710	.0115317
#2	.0594179	.0720061	.0182254	-.150235	-.023320	2098.477	.0101241
#3	.0626229	.0785417	.0275278	-.138719	-.007259	2124.701	.0103723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066454	-.027666	1959.462	.0124993	.0274245	.0279294	1025.235
Stddev	.0000763	.001165	10.733	.0002583	.0003935	.0027832	3.615
%RSD	1.148353	4.210156	.5477627	2.066479	1.434689	9.965235	.3525576

#1	.0065897	-.026962	1950.667	.0127199	.0269704	.0278483	1025.176
#2	.0067324	-.029011	1956.296	.0125629	.0276386	.0251876	1028.879
#3	.0066142	-.027026	1971.422	.0122152	.0276645	.0307522	1021.651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153295	1714.596	.0119779	-.005674	2082.119	.0145483	.0643785
Stddev	.0004369	8.300	.0017458	.000712	2.833	.0009395	.0004204
%RSD	2.850230	.4840910	14.57500	12.54660	.1360401	6.457658	.6529937

#1	.0157170	1705.490	.0120219	-.005258	2079.189	.0136705	.0639157
#2	.0154156	1721.739	.0102105	-.005269	2084.842	.0144352	.0647366
#3	.0148560	1716.559	.0137012	-.006496	2082.327	.0155392	.0644833

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1363.549	^ *****	.0068749	-.001892	-.036710	.1536029	.0705063
Stddev	11.616	-----	.0002227	.002030	.000933	.0093413	.0082378
%RSD	.8518898	-----	3.238984	107.2967	2.542488	6.081453	11.68384

#1	1350.136	^ -----	.0067973	-.003871	-.036044	.1432726	.0639332
#2	1370.345	^ -----	.0071260	.000185	-.036310	.1614556	.0678382
#3	1370.165	^ -----	.0067014	-.001990	-.037777	.1560806	.0797475

Sample Name: LR1 Acquired: 3/5/2025 12:15:55 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	-.217003	.0978715	.0115080
Stddev	.006381	.0040514	.0000794
%RSD	2.940695	4.139487	.6903255
#1	-.209838	.1006106	.0114658
#2	-.222074	.0997863	.0115996
#3	-.219097	.0932177	.0114586

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.129	48950.89	12396.03	1442.393	2557.414
Stddev	3.426	118.20	53.23	7.082	1.983
%RSD	.2111814	.2414664	.4294445	.4909809	.0775300
#1	1618.239	49087.17	12451.06	1442.288	2555.141
#2	1624.698	48889.11	12392.25	1435.365	2558.789
#3	1623.448	48876.37	12344.79	1449.528	2558.312

Sample Name: LR2 Acquired: 3/5/2025 12:20:52 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.0095596	-.015878	268.7239	.0036940	.0071980	.1625209	^F *****
Stddev	.0013524	.003535	.6248	.0016737	.0009384	.0062999	-----
%RSD	14.14740	22.26164	.2325003	45.30743	13.03680	3.876387	-----

#1	.0102231	-.015979	268.6540	.0056182	.0081734	.1689041	84.98522
#2	.0080036	-.019361	269.3807	.0028880	.0071191	.1563077	85.83174
#3	.0104522	-.012294	268.1370	.0025759	.0063016	.1623508	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002555	-.002614	.2365199	.0086459	.0059328	243.7142	-.012720
Stddev	.000043	.000121	.0074672	.0002087	.0001734	1.9113	.004125
%RSD	1.697773	4.632215	3.157117	2.414097	2.923361	.7842432	32.42935

#1	-.002563	-.002674	.2431608	.0088722	.0060386	244.4592	-.012003
#2	-.002594	-.002475	.2379620	.0086045	.0057326	241.5426	-.017157
#3	-.002508	-.002693	.2284368	.0084610	.0060272	245.1409	-.009001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.44952	-.086720	45.64919	.0005419	.2007773	-.010011	37.82426
Stddev	.19338	.014592	.13431	.0002657	.0302872	.000735	.23765
%RSD	.4254817	16.82639	.2942199	49.02423	15.08496	7.340856	.6283098

#1	45.22814	-.070131	45.56390	.0008487	.2278855	-.009832	38.09737
#2	45.53495	-.092461	45.80401	.0003926	.2063589	-.009383	37.66454
#3	45.58547	-.097569	45.57967	.0003846	.1680876	-.010820	37.71086

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2999526	-.010167	-.006165	-.003976	-.033915	-.012729	.3291173
Stddev	.0421198	.000126	.000329	.000674	.000369	.004220	.0063530
%RSD	14.04215	1.239700	5.342879	16.95915	1.087412	33.15283	1.930320

#1	.3479782	-.010305	-.006025	-.004383	-.033518	-.007858	.3336024
#2	.2692891	-.010139	-.005929	-.003198	-.034247	-.015052	.3319022
#3	.2825904	-.010057	-.006541	-.004347	-.033980	-.015277	.3218475

Sample Name: LR2 Acquired: 3/5/2025 12:20:52 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	-.008883	.0025087	.0014891
Stddev	.007966	.0012611	.0000846
%RSD	89.67270	50.26849	5.684643
#1	-.018074	.0016293	.0013957
#2	-.003964	.0039536	.0015111
#3	-.004612	.0019433	.0015606

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.438	72850.22	14862.05	2101.199	4503.355
Stddev	2.743	254.76	114.38	10.317	9.021
%RSD	.1225328	.3497092	.7695985	.4909955	.2003127
#1	2240.094	72583.55	14768.43	2089.468	4498.113
#2	2235.272	72875.97	14828.18	2108.862	4498.180
#3	2239.948	73091.13	14989.54	2105.266	4513.771

Sample Name: Q1447-01DUP Acquired: 3/5/2025 12:25:31 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.0371389	.0179306	1.300404	-.042386	.0005428	74.43822	.9263788
Stddev	.0020197	.0008974	.009883	.003258	.0025980	.02228	.0028110
%RSD	5.438230	5.005042	.7599654	7.687489	478.6317	.0299336	.3034365

#1	.0353427	.0189526	1.310563	-.039095	.0035220	74.41275	.9266154
#2	.0393252	.0172709	1.299827	-.045611	-.000642	74.45409	.9234570
#3	.0367488	.0175685	1.290823	-.042452	-.001251	74.44783	.9290640

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081739	-.016592	11.56359	.1658848	.0948540	.4502482	332.9296
Stddev	.0000489	.000195	.06854	.0002254	.0003788	.0011609	.8758
%RSD	.5980194	1.176636	.5927640	.1358989	.3993964	.2578314	.2630654

#1	.0081404	-.016450	11.48498	.1658799	.0952126	.4515781	332.2599
#2	.0081514	-.016511	11.59489	.1656619	.0948917	.4494382	332.6081
#3	.0082300	-.016814	11.61090	.1661127	.0944577	.4497282	333.9207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.082304	31.25432	.1882919	.0050572	1.250837	.2137462	1.151103
Stddev	.010020	.14882	.0006051	.0004325	.008847	.0010722	.009993
%RSD	.1647476	.4761655	.3213653	8.551766	.7072827	.5016121	.8681218

#1	6.076738	31.13964	.1886304	.0051510	1.259502	.2132930	1.141854
#2	6.076302	31.42250	.1875933	.0045855	1.241819	.2129751	1.149753
#3	6.093872	31.20084	.1886521	.0054351	1.251191	.2149706	1.161703

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.434086	-.131829	.0041028	.0084269	2.148484	3.980928	5.834890
Stddev	.049941	.001346	.0002788	.0011818	.001660	.011647	.009107
%RSD	.5293673	1.021181	6.795832	14.02401	.0772466	.2925632	.1560756

#1	9.445207	-.130600	.0043453	.0097879	2.146774	3.967480	5.844246
#2	9.379522	-.133268	.0037982	.0078334	2.148590	3.987590	5.834368
#3	9.477529	-.131620	.0041651	.0076596	2.150089	3.987715	5.826055

Sample Name: Q1447-01DUP Acquired: 3/5/2025 12:25:31 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	1.881876	.2650080	.1281639
Stddev	.010809	.0013902	.0002616
%RSD	.5743581	.5245860	.2041079
#1	1.893957	.2647342	.1281719
#2	1.873121	.2637751	.1278984
#3	1.878550	.2665147	.1284214

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2617.992	79111.07	17218.97	2347.106	4282.902
Stddev	3.905	101.65	36.37	14.820	12.142
%RSD	.1491788	.1284935	.2112247	.6314002	.2834983
#1	2613.567	79212.09	17240.97	2363.025	4268.922
#2	2619.451	79112.32	17176.99	2344.582	4288.973
#3	2620.958	79008.79	17238.95	2333.710	4290.811

Sample Name: Q1447-01LX5 Acquired: 3/5/2025 12:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.0048797	.0019739	.3369567	-.007397	-.000349	14.66952	.1904639
Stddev	.0023775	.0002639	.0006882	.001533	.001237	.07488	.0004578
%RSD	48.72288	13.36747	.2042469	20.72880	354.6537	.5104783	.2403674

#1	.0028669	.0018110	.3377492	-.008966	-.000011	14.72732	.1909366
#2	.0042692	.0018324	.3366106	-.005902	.000684	14.69631	.1904326
#3	.0075029	.0022784	.3365102	-.007323	-.001720	14.58493	.1900226

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016898	-.003439	3.065830	.0334624	.0162098	.0960530	52.85398
Stddev	.0000693	.000056	.017934	.0004666	.0000516	.0007036	.34836
%RSD	4.099540	1.615227	.5849737	1.394298	.3185734	.7324663	.6591002

#1	.0017465	-.003395	3.052528	.0338097	.0162400	.0968633	52.45192
#2	.0017103	-.003421	3.086226	.0336455	.0162392	.0955975	53.06578
#3	.0016126	-.003502	3.058735	.0329321	.0161502	.0956981	53.04424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.363777	6.243094	.0348629	.0007181	.2550991	.0404323	.2283822
Stddev	.003468	.045100	.0004037	.0001241	.0231408	.0001713	.0008477
%RSD	.2543093	.7223902	1.157982	17.27592	9.071293	.4237572	.3711872

#1	1.364509	6.277109	.0350795	.0006608	.2315598	.0405809	.2280166
#2	1.366822	6.260237	.0351120	.0008605	.2778196	.0402448	.2293514
#3	1.360002	6.191937	.0343971	.0006331	.2559179	.0404710	.2277786

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.770261	-.034329	.0005294	.0006343	.3631600	1.043510	.8894458
Stddev	.026154	.001260	.0001668	.0004997	.0014059	.006323	.0018231
%RSD	1.477422	3.669074	31.51093	78.77989	.3871213	.6059662	.2049702

#1	1.754051	-.035485	.0006971	.0001529	.3633748	1.049893	.8877254
#2	1.800434	-.034514	.0003634	.0005995	.3644461	1.043389	.8913566
#3	1.756298	-.032987	.0005279	.0011504	.3616591	1.037248	.8892553

Sample Name: Q1447-01LX5 Acquired: 3/5/2025 12:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.3230760	.0456038	.0246475
Stddev	.0020189	.0004201	.0000885
%RSD	.6248877	.9212360	.3589898
#1	.3213798	.0455445	.0247289
#2	.3225392	.0460504	.0246604
#3	.3253090	.0452165	.0245533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2490.013	73639.03	15505.39	2184.684	4671.310
Stddev	2.620	228.69	88.62	6.712	7.517
%RSD	.1052194	.3105602	.5715468	.3072239	.1609152
#1	2487.119	73867.13	15418.59	2190.314	4665.383
#2	2492.224	73409.75	15501.86	2177.256	4679.765
#3	2490.695	73640.21	15595.73	2186.482	4668.783

Sample Name: Q1447-01MS Acquired: 3/5/2025 12:33:49 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.7736101	1.866060	2.335922	1.631708	.3966759	88.96778
Stddev	.0046606	.039841	.007671	.006388	.0029199	.18069
%RSD	.6024467	2.135053	.3283879	.3914649	.7360971	.2031001

#1	.7753072	1.867025	2.341710	1.636187	.3947440	89.04653
#2	.7771843	1.905410	2.338833	1.634544	.4000349	88.76108
#3	.7683388	1.825745	2.327221	1.624394	.3952488	89.09573

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232617	.1696220	.1842621	12.74122	.5347380	.3060737
Stddev	.001764	.0003345	.0010599	.01304	.0022039	.0012366
%RSD	.1431307	.1971708	.5752076	.1023750	.4121435	.4040282

#1	1.234150	.1698129	.1850092	12.74038	.5334228	.3068245
#2	1.230688	.1698172	.1847280	12.75466	.5335088	.3067502
#3	1.233012	.1692358	.1830490	12.72862	.5372823	.3046465

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7561351	264.5303	8.043891	36.07649	.7414287	.0735510
Stddev	.0039035	.4531	.025174	.08563	.0030424	.0004080
%RSD	.5162473	.1712993	.3129627	.2373517	.4103452	.5547010

#1	.7573671	264.8328	8.072002	36.17280	.7443158	.0739861
#2	.7592740	264.0093	8.023427	36.00896	.7417184	.0731770
#3	.7517643	264.7488	8.036243	36.04769	.7382517	.0734898

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.922973	.4483662	1.330671	19.33902	.1013937	.3628922
Stddev	.005294	.0010756	.004918	.07995	.0030538	.0009047
%RSD	.1349451	.2399016	.3695830	.4133922	3.011860	.2493043

#1	3.918190	.4491863	1.327365	19.29964	.0980520	.3636862
#2	3.922067	.4487640	1.328325	19.28641	.1020894	.3630831
#3	3.928661	.4471483	1.336323	19.43102	.1040396	.3619073

Sample Name: Q1447-01MS Acquired: 3/5/2025 12:33:49 Type: Unk
Method: NON EPA-6010-200.7(v2767) 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	.6870868	1.951784	6.347144	F 11.11503	1.536729	.4476707
Stddev	.0018636	.004734	.023218	.03041	.008055	.0005010
%RSD	.2712295	.2425448	.3658071	.2735733	.5241572	.1119130
#1	.6875347	1.957243	6.326205	11.14842	1.538214	.4471880
#2	.6886856	1.949294	6.343114	11.10775	1.543938	.4476358
#3	.6850401	1.948814	6.372114	11.08893	1.528035	.4481882

Elem	Sr4077
Units	ppm
Avg	.3016704
Stddev	.0005005
%RSD	.1659022
#1	.3020340
#2	.3010996
#3	.3018775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.805	79617.83	17458.26	2342.337	4206.220
Stddev	8.634	85.01	45.46	13.393	17.910
%RSD	.3322190	.1067756	.2604207	.5717624	.4257964
#1	2596.374	79675.79	17428.40	2352.689	4192.018
#2	2591.648	79520.24	17435.79	2347.111	4200.301
#3	2608.394	79657.47	17510.58	2327.212	4226.340

Sample Name: Q1447-01MSD Acquired: 3/5/2025 12:37:37 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.7518877	1.871001	1.899662	1.588134	.3792152	88.79806
Stddev	.0016606	.014432	.006364	.006593	.0009628	.43562
%RSD	.2208607	.7713705	.3350149	.4151503	.2538956	.4905739

#1	.7511145	1.886226	1.905403	1.594132	.3803133	88.84301
#2	.7537939	1.857520	1.900765	1.581074	.3785157	89.20947
#3	.7507546	1.869257	1.892819	1.589196	.3788165	88.34171

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.222991	.1704214	.1905716	22.17873	.5331856	.3042880
Stddev	.004036	.0017114	.0008613	.16769	.0017659	.0003980
%RSD	.3299816	1.004201	.4519796	.7560629	.3311899	.1307917

#1	1.225590	.1707956	.1913289	22.17213	.5323377	.3043343
#2	1.225042	.1719147	.1907514	22.34962	.5320037	.3038689
#3	1.218342	.1685539	.1896346	22.01445	.5352155	.3046608

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7561022	224.4851	6.845164	36.05410	.6995401	.0661812
Stddev	.0016919	1.1320	.044176	.35667	.0007655	.0003437
%RSD	.2237598	.5042642	.6453608	.9892664	.1094270	.5193779

#1	.7579624	223.9898	6.847122	35.96370	.6999662	.0659707
#2	.7556891	223.6852	6.888328	36.44727	.6999978	.0659952
#3	.7546552	225.7804	6.800041	35.75133	.6986564	.0665779

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.864130	.4493481	.8263229	19.08572	.0117952	.3594792
Stddev	.032417	.0043800	.0004082	.17750	.0087433	.0008120
%RSD	.8389212	.9747570	.0493974	.9300257	74.12582	.2258774

#1	3.860313	.4486462	.8266404	19.11086	.0106007	.3603717
#2	3.833790	.4540367	.8258625	18.89699	.0037106	.3592815
#3	3.898286	.4453614	.8264657	19.24931	.0210744	.3587843

Sample Name: Q1447-01MSD Acquired: 3/5/2025 12:37:37 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.6814413	1.944037	6.732122	F 10.92839	1.527872	.4276254
Stddev	.0017982	.008061	.047594	.02234	.003277	.0009286
%RSD	.2638805	.4146443	.7069696	.2044174	.2145002	.2171603
#1	.6811591	1.944507	6.713168	10.91176	1.524456	.4284572
#2	.6833639	1.951852	6.696924	10.95378	1.528168	.4277954
#3	.6798009	1.935751	6.786272	10.91962	1.530991	.4266234

Elem	Sr4077
Units	ppm
Avg	.2988294
Stddev	.0014238
%RSD	.4764656
#1	.2997220
#2	.2995788
#3	.2971874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.719	80179.50	17464.57	2354.283	4266.019
Stddev	3.689	213.82	165.19	3.917	2.333
%RSD	.1391621	.2666813	.9458707	.1663829	.0546823
#1	2646.574	80245.45	17445.93	2353.774	4263.413
#2	2653.641	80352.58	17309.50	2358.429	4267.913
#3	2651.943	79940.47	17638.30	2350.644	4266.731

Sample Name: Q1447-01A Acquired: 3/5/2025 12:41:36 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.7442574	1.838411	2.056083	1.563128	.3706098	87.50149
Stddev	.0036767	.037743	.020610	.011003	.0007531	.10635
%RSD	.4940156	2.053012	1.002374	.7039251	.2032162	.1215434

#1	.7479756	1.863693	2.049268	1.562201	.3709251	87.52110
#2	.7406235	1.795027	2.039744	1.552618	.3697503	87.38670
#3	.7441730	1.856513	2.079237	1.574566	.3711541	87.59668

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.216993	.1647762	.1881652	23.43456	.5243046	.2984019
Stddev	.004832	.0006119	.0021445	.08472	.0027689	.0028224
%RSD	.3970194	.3713562	1.139664	.3615109	.5281087	.9458397

#1	1.217715	.1646590	.1875881	23.47183	.5260143	.2979316
#2	1.211840	.1642314	.1863684	23.33760	.5257896	.2958441
#3	1.221422	.1654383	.1905392	23.49426	.5211100	.3014299

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7632177	228.3811	5.658220	35.76662	.6881783	.0624396
Stddev	.0055895	.7221	.018997	.08880	.0066605	.0001497
%RSD	.7323536	.3161648	.3357400	.2482878	.9678418	.2397684

#1	.7615755	229.1641	5.662819	35.83917	.6859727	.0626109
#2	.7586333	228.2375	5.637347	35.66759	.6829004	.0623337
#3	.7694443	227.7415	5.674496	35.79311	.6956618	.0623742

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.776329	.4476078	.8454100	18.64373	-.012521	.3570975
Stddev	.016342	.0010724	.0027416	.03123	.004903	.0020565
%RSD	.4327437	.2395775	.3242887	.1675113	39.16231	.5758814

#1	3.766497	.4464834	.8430799	18.65242	-.016510	.3567722
#2	3.795193	.4486191	.8447192	18.66969	-.007047	.3552230
#3	3.767297	.4477209	.8484309	18.60907	-.014006	.3592972

Sample Name: Q1447-01A Acquired: 3/5/2025 12:41:36 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.6725663	2.125367	6.335253	F 11.49089	1.701664	.4182004
Stddev	.0071948	.006129	.022461	.13260	.021761	.0007091
%RSD	1.069757	.2883933	.3545330	1.153977	1.278830	.1695555
#1	.6720424	2.123577	6.361179	11.42187	1.695681	.4190189
#2	.6656477	2.120331	6.321687	11.40704	1.683520	.4177743
#3	.6800088	2.132191	6.322893	11.64377	1.725791	.4178079

Elem	Sr4077
Units	ppm
Avg	.2970738
Stddev	.0011239
%RSD	.3783156
#1	.2974056
#2	.2958214
#3	.2979944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.650	82729.85	17616.91	2416.705	4223.009
Stddev	16.177	364.82	45.59	8.874	37.047
%RSD	.6137910	.4409813	.2587572	.3671879	.8772634
#1	2638.584	82412.31	17578.09	2408.118	4231.229
#2	2650.160	82648.89	17667.11	2416.158	4255.256
#3	2618.206	83128.35	17605.53	2425.840	4182.542

Sample Name: CCV03 Acquired: 3/5/2025 12:45:35 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	5.024252	4.790334	4.938568	5.036730	5.080583	10.10989	10.04263
Stddev	.013853	.075288	.010894	.021363	.014201	.02166	.05352
%RSD	.2757151	1.571672	.2205850	.4241536	.2795095	.2142034	.5329120

#1	5.032366	4.864444	4.949405	5.059849	5.096138	10.10846	10.06206
#2	5.008257	4.713921	4.927619	5.017718	5.068312	10.13222	10.08372
#3	5.032133	4.792638	4.938681	5.032625	5.077299	10.08898	9.98211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2442422	2.452642	24.43625	1.020747	2.469212	1.267301	4.957260
Stddev	.0013838	.003524	.05933	.000271	.004155	.003246	.031374
%RSD	.5665608	.1436933	.2427834	.0265046	.1682806	.2561354	.6328980

#1	.2439163	2.456225	24.41906	1.020555	2.472505	1.270527	4.923687
#2	.2457599	2.449180	24.50228	1.021057	2.464544	1.264035	4.962258
#3	.2430505	2.452522	24.38742	1.020631	2.470587	1.267340	4.985835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.388880	23.97962	2.471728	1.277159	25.59285	2.471892	2.555615
Stddev	.004058	.05491	.003516	.003886	.11490	.011200	.011414
%RSD	.1698676	.2289727	.1422672	.3042815	.4489423	.4530806	.4466385

#1	2.384985	23.97381	2.475109	1.280250	25.61734	2.470291	2.568683
#2	2.393084	24.03721	2.468090	1.278431	25.46768	2.483806	2.550571
#3	2.388572	23.92785	2.471983	1.272796	25.69353	2.461579	2.547592

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.02667	4.867844	5.082993	4.911532	4.921806	5.098701	4.983987
Stddev	.07967	.026018	.017161	.022319	.005789	.022387	.013549
%RSD	.3061250	.5344821	.3376124	.4544163	.1176202	.4390639	.2718465

#1	26.02464	4.864536	5.102685	4.936847	4.918108	5.092243	4.978468
#2	25.94804	4.895358	5.071228	4.894694	4.928478	5.080253	4.974068
#3	26.10735	4.843638	5.075067	4.903055	4.918833	5.123606	4.999424

Sample Name: CCV03 Acquired: 3/5/2025 12:45:35 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	4.878389	5.054215	5.030451
Stddev	.026974	.004662	.030838
%RSD	.5529190	.0922395	.6130190
#1	4.895353	5.058339	4.998680
#2	4.847285	5.055150	5.032411
#3	4.892528	5.049157	5.060261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.193	71274.99	14489.13	2114.859	4350.772
Stddev	7.020	63.04	72.33	12.742	8.668
%RSD	.2950420	.0884413	.4992176	.6025158	.1992331
#1	2371.266	71291.11	14516.33	2101.051	4340.763
#2	2381.692	71205.46	14407.13	2117.360	4355.874
#3	2384.622	71328.40	14543.91	2126.165	4355.678

Sample Name: CCB03 Acquired: 3/5/2025 12:49:47 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.001119	-.000978	-.000772	.0000795	-.000811	-.006392	-.006243
Stddev	.000140	.001130	.000616	.0031715	.000871	.000857	.000268
%RSD	12.52095	115.5402	79.71943	3987.932	107.4226	13.40765	4.299513

#1	-.000974	-.000452	-.000727	.0014176	-.001809	-.007380	-.005940
#2	-.001253	-.000207	-.001409	-.003542	-.000204	-.005845	-.006448
#3	-.001130	-.002274	-.000180	.002363	-.000419	-.005950	-.006343

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000367	.0001080	-.006365	.0004365	.0000856	.0001003	-.010257
Stddev	.0000165	.0000042	.002055	.0003122	.0000786	.0001888	.003900
%RSD	45.00264	3.913648	32.29404	71.52269	91.85468	188.2233	38.02098

#1	.0000557	.0001033	-.008447	.0001233	.0000431	.0002203	-.008317
#2	.0000265	.0001115	-.006311	.0004385	.0001763	-.000117	-.007708
#3	.0000278	.0001093	-.004337	.0007477	.0000374	.000198	-.014746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	.0026366	-.000344	.0003214	-.000751	-.000022	-.000391
Stddev	.000420	.0076111	.000093	.0004348	.027505	.002050	.000183
%RSD	759.7707	288.6665	27.00754	135.2829	3664.357	9196.210	46.96388

#1	-.000534	.0002467	-.000328	-.000130	-.011007	-.002389	-.000520
#2	.000256	.0111559	-.000260	.000356	-.021653	.001214	-.000181
#3	.000111	-.003493	-.000443	.000738	.030409	.001108	-.000471

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393619	-.003934	.0002788	-.000127	.0006847	-.001614	-.001907
Stddev	.0031531	.000892	.0004537	.000146	.0005362	.003200	.001733
%RSD	8.010648	22.66128	162.7033	114.4848	78.31377	198.2515	90.83673

#1	.0429549	-.002916	.0004294	-.000145	.0011381	.002075	-.001096
#2	.0370556	-.004575	.0006381	.000027	.0000928	-.003643	-.003897
#3	.0380751	-.004311	-.000231	-.000263	.0008233	-.003273	-.000729

Sample Name: CCB03 Acquired: 3/5/2025 12:49:47 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.006558	-.003782	-.000049
Stddev	.003344	.000541	.000024
%RSD	50.98482	14.29767	48.87828

#1	-.008223	-.004172	-.000031
#2	-.002709	-.004010	-.000040
#3	-.008742	-.003165	-.000077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.534	74723.27	14718.93	2214.996	4882.384
Stddev	3.049	124.77	67.61	5.156	14.932
%RSD	.1236850	.1669796	.4593408	.2327858	.3058424

#1	2462.021	74650.75	14792.53	2209.582	4865.218
#2	2467.490	74651.71	14704.68	2215.557	4889.563
#3	2467.093	74867.34	14659.58	2219.848	4892.371

Sample Name: PB166962BL Acquired: 3/5/2025 13:12:41 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.0011011	-.001918	-.001068	.0012119	-.000154	-.011373	-.005668
Stddev	.0009821	.001184	.000398	.0009352	.001461	.003487	.000450
%RSD	89.19213	61.73383	37.25072	77.16567	947.6599	30.66058	7.938937

#1	.0002782	-.000551	-.001295	.0015397	.000600	-.007349	-.006186
#2	.0021884	-.002609	-.000609	.0001569	-.001838	-.013256	-.005446
#3	.0008369	-.002594	-.001301	.0019390	.000775	-.013514	-.005372

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000106	-.000014	-.018078	.0001064	.0000858	-.000005	-.012567
Stddev	.0000400	.000028	.003395	.0001319	.0000932	.000121	.001007
%RSD	379.4654	205.6077	18.78066	123.9624	108.5805	2258.121	8.012331

#1	.0000458	.000018	-.014602	.0002236	.0001465	-.000136	-.012031
#2	-.000033	-.000022	-.018245	.0001319	.0001323	.000017	-.011941
#3	.000019	-.000037	-.021386	-.000036	-.000021	.000103	-.013729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000469	.0009882	-.000382	.0001165	-.040421	-.000114	-.000934
Stddev	.000263	.0185077	.000130	.0004768	.012292	.000456	.000306
%RSD	56.10018	1872.926	34.07171	409.4233	30.41042	399.0021	32.72691

#1	-.000512	.0146511	-.000291	.0000846	-.051645	.000349	-.000656
#2	-.000708	.0083880	-.000324	-.000344	-.042335	-.000563	-.000884
#3	-.000187	-.020075	-.000531	.000608	-.027284	-.000129	-.001261

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035020	-.009855	-.000273	-.000078	.0001390	-.000349	-.001274
Stddev	.020191	.001001	.000327	.000284	.0001939	.003223	.001974
%RSD	57.65625	10.15706	119.7479	365.0444	139.4562	923.2121	154.9539

#1	-.023333	-.010575	.000030	-.000402	.0001788	-.002939	-.003450
#2	-.058334	-.010279	-.000619	.000132	.0003100	.003260	-.000776
#3	-.023392	-.008712	-.000230	.000036	-.000072	-.001369	.000403

Sample Name: PB166962BL Acquired: 3/5/2025 13:12:41 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.005679	-.004411	-.000126
Stddev	.001306	.000624	.000038
%RSD	23.00537	14.13860	30.18762

#1	-.004194	-.004930	-.000152
#2	-.006187	-.003719	-.000082
#3	-.006654	-.004584	-.000143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.803	73808.92	14889.84	2183.033	4782.951
Stddev	6.256	276.72	55.12	2.506	8.690
%RSD	.2570563	.3749132	.3701728	.1147908	.1816830

#1	2435.256	73512.13	14896.39	2180.776	4780.054
#2	2439.205	73854.80	14831.74	2182.592	4792.720
#3	2426.948	74059.83	14941.39	2185.730	4776.080

Sample Name: PB166962BS Acquired: 3/5/2025 13:17:01 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.7974424	1.973533	.9455906	1.963125	.6595557	1.896596
Stddev	.0043420	.019142	.0037709	.004493	.0020219	.004570
%RSD	.5444860	.9699480	.3987908	.2288477	.3065535	.2409565

#1	.7928938	1.959712	.9423154	1.962762	.6573914	1.895451
#2	.7978902	1.995382	.9497131	1.967788	.6613961	1.901629
#3	.8015431	1.965505	.9447433	1.958825	.6598795	1.892707

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1771471	.1883136	.1858526	.9242142	.4010046	.1896367
Stddev	.0009802	.0008614	.0007370	.0046102	.0006975	.0009175
%RSD	.5533329	.4574053	.3965669	.4988207	.1739305	.4838024

#1	.1782745	.1892829	.1850249	.9223957	.4015509	.1887597
#2	.1766702	.1876359	.1864379	.9207907	.4002190	.1905899
#3	.1764966	.1880220	.1860949	.9294563	.4012440	.1895605

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3058916	2.883210	.1818478	1.812742	.4767710	.0754397
Stddev	.0002514	.020477	.0001638	.006996	.0013130	.0003279
%RSD	.0821906	.7102282	.0900882	.3859449	.2753876	.4347236

#1	.3060234	2.864217	.1816864	1.818036	.4755279	.0756442
#2	.3060496	2.880510	.1818431	1.815379	.4781441	.0750615
#3	.3056016	2.904904	.1820139	1.804810	.4766409	.0756135

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.726828	.2790310	.2044191	9.663069	.2631184	.3359805
Stddev	.023475	.0016722	.0009687	.058033	.0010439	.0011163
%RSD	.8608758	.5992975	.4738699	.6005676	.3967510	.3322596

#1	2.701695	.2771069	.2033453	9.609950	.2642442	.3349059
#2	2.730602	.2798524	.2052272	9.654251	.2629285	.3371343
#3	2.748187	.2801335	.2046848	9.725007	.2621825	.3359012

Sample Name: PB166962BS Acquired: 3/5/2025 13:17:01 Type: Unk
Method: NON EPA-6010-200.7(v2768) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5526473	F .1535865	F .6816831	5.356617	F -.011088	.1889568
Stddev	.0034980	.0002782	.0095430	.037084	.001363	.0006509
%RSD	.6329563	.1811543	1.399915	.6922999	12.29248	.3444683
#1	.5496246	.1533038	.6864694	5.344973	-.011551	.1891240
#2	.5564789	.1535958	.6878857	5.398125	-.009554	.1882386
#3	.5518382	.1538600	.6706942	5.326753	-.012160	.1895077

Elem	Sr4077
Units	ppm
Avg	.1852699
Stddev	.0005504
%RSD	.2970798
#1	.1856483
#2	.1846385
#3	.1855230

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.307	71753.63	14860.24	2138.952	4659.226
Stddev	5.400	147.48	53.80	7.161	13.188
%RSD	.2233760	.2055398	.3620596	.3347715	.2830506
#1	2417.707	71813.16	14799.68	2146.406	4667.841
#2	2411.719	71862.04	14878.52	2132.126	4644.044
#3	2422.496	71585.69	14902.52	2138.324	4665.794

Sample Name: PB166897BL Acquired: 3/5/2025 13:21:04 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.0002781	-.001200	-.000483	-.000034	-.000285	-.005409	-.004867
Stddev	.0007546	.001887	.001776	.001106	.002866	.000345	.000796
%RSD	271.3760	157.2137	367.9085	3264.606	1005.052	6.377223	16.34847

#1	-.000555	-.002127	.001404	-.000679	-.003399	-.005443	-.004313
#2	.000472	-.002445	-.002121	-.000665	.002244	-.005049	-.005779
#3	.000917	.000971	-.000731	.001243	.000300	-.005736	-.004510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000186	-.000009	-.016319	.0002567	-.000010	.0000635	-.014005
Stddev	.0000058	.000058	.002294	.0000977	.000157	.0002962	.003090
%RSD	30.98829	613.0622	14.05815	38.06867	1575.708	466.2553	22.06173

#1	.0000133	.000054	-.014281	.0002257	-.000141	-.000270	-.015815
#2	.0000248	-.000059	-.015873	.0001782	.000165	.000165	-.015763
#3	.0000178	-.000023	-.018804	.0003661	-.000054	.000296	-.010437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0009375	-.000148	.0002171	-.014623	-.000085	-.000848
Stddev	.000359	.0113784	.000229	.0001816	.009666	.000681	.000064
%RSD	2504.623	1213.710	155.1875	83.65660	66.10427	800.4837	7.532706

#1	.000349	-.002991	-.000097	.0002219	-.008648	-.000048	-.000914
#2	-.000368	.013760	.000052	.0000331	-.025775	-.000784	-.000786
#3	-.000024	-.007956	-.000398	.0003962	-.009445	.000577	-.000845

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068218	-.009939	-.000161	-.000237	.0005767	-.000130	-.001670
Stddev	.0217104	.000466	.000267	.000910	.0003208	.006623	.001466
%RSD	318.2493	4.685798	165.3068	384.0419	55.61760	5090.571	87.79406

#1	.0309649	-.010475	-.000450	.000743	.0009171	-.001316	-.000901
#2	-.011096	-.009629	-.000109	-.001054	.0005331	.007006	-.000749
#3	.000597	-.009714	.000075	-.000400	.0002800	-.006081	-.003361

Sample Name: PB166897BL Acquired: 3/5/2025 13:21:04 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.004290	-.004731	-.000095
Stddev	.001585	.000999	.000018
%RSD	36.95624	21.10451	18.73352
#1	-.006091	-.005655	-.000111
#2	-.003675	-.004868	-.000098
#3	-.003104	-.003672	-.000076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.827	72909.67	15042.55	2179.966	4887.636
Stddev	2.625	124.36	34.80	9.029	5.829
%RSD	.1058121	.1705672	.2313507	.4141717	.1192595
#1	2477.796	72766.10	15019.25	2170.149	4882.288
#2	2482.336	72978.86	15082.56	2181.834	4893.849
#3	2482.350	72984.05	15025.86	2187.914	4886.773

Sample Name: PB166898BL Acquired: 3/5/2025 13:29:25 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.000269	-.001361	-.001982	.0005244	-.000492	-.010234	-.005222
Stddev	.000925	.001052	.001043	.0016423	.001280	.002822	.000580
%RSD	344.1543	77.33863	52.62448	313.1549	260.2919	27.57696	11.10604
#1	-.000295	-.000386	-.002889	.0019367	.000832	-.008483	-.004566
#2	-.001181	-.001220	-.000843	-.001278	-.000584	-.013489	-.005666
#3	.000669	-.002476	-.002213	.000914	-.001723	-.008729	-.005434
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	-.000015	-.012961	.0001528	-.000177	-.000001	-.011803
Stddev	.000072	.000034	.009993	.0000950	.000030	.000193	.003708
%RSD	1805.496	230.4396	77.10155	62.14994	16.81731	36599.69	31.41140
#1	-.000016	.000015	-.007744	.0000826	-.000161	-.000194	-.007649
#2	-.000069	-.000008	-.006657	.0001150	-.000159	.000192	-.012984
#3	.000073	-.000051	-.024483	.0002608	-.000211	.000001	-.014776
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000291	.0067013	-.000266	.0000491	-.026039	.0005461	-.001018
Stddev	.000155	.0097855	.000285	.0000670	.003371	.0017638	.000280
%RSD	53.30120	146.0224	107.1751	136.5975	12.94468	322.9610	27.50298
#1	-.000320	.0153281	-.000052	.0001259	-.027429	.0020168	-.001308
#2	-.000430	-.003932	-.000156	.0000192	-.022196	.0010310	-.000749
#3	-.000123	.008708	-.000589	.0000022	-.028492	-.001409	-.000999
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009998	-.010374	-.000123	-.000106	.0004531	.0036044	.0015235
Stddev	.020664	.000131	.000033	.001068	.0002557	.0063180	.0007746
%RSD	206.6836	1.257987	27.09383	1009.868	56.43392	175.2863	50.84032
#1	.009669	-.010480	-.000161	-.001212	.0007334	.0066023	.0006890
#2	-.031532	-.010228	-.000107	-.000023	.0002324	.0078654	.0016621
#3	-.008131	-.010414	-.000100	.000918	.0003937	-.003654	.0022194

Sample Name: PB166898BL Acquired: 3/5/2025 13:29:25 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.005109	-.005720	-.000096
Stddev	.002578	.000136	.000007
%RSD	50.46629	2.383185	7.566482
#1	-.003978	-.005603	-.000088
#2	-.003289	-.005870	-.000099
#3	-.008059	-.005689	-.000102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.003	76209.50	15056.17	2253.279	4903.483
Stddev	5.749	152.05	52.19	10.659	8.939
%RSD	.2275781	.1995117	.3466461	.4730522	.1822953
#1	2522.083	76053.60	15083.48	2241.028	4898.063
#2	2523.324	76357.38	14995.99	2258.371	4898.585
#3	2532.602	76217.51	15089.05	2260.437	4913.800

Sample Name: PB166924BL Acquired: 3/5/2025 13:37:48 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.000827	-.000534	-.000818	.0015153	.0001796	-.008197	-.006093
Stddev	.002401	.000513	.000913	.0022595	.0016501	.001330	.000357
%RSD	290.2015	96.05631	111.6743	149.1051	918.8696	16.22360	5.860443

#1	.001873	-.000224	-.000051	-.000584	.0020715	-.007693	-.005991
#2	-.002722	-.000252	-.001829	.001224	-.000962	-.007193	-.005799
#3	-.001633	-.001126	-.000574	.003906	-.000571	-.009705	-.006491

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000330	-.000007	-.016642	.0006846	.0000924	-.000038	-.015046
Stddev	.0000582	.000032	.005335	.0001877	.0001565	.000133	.001689
%RSD	176.6760	480.5758	32.05590	27.41124	169.4134	348.5281	11.22350

#1	.0000293	.000027	-.012825	.0006779	-.000067	.000020	-.016211
#2	.0000929	-.000010	-.014363	.0005004	.000098	.000056	-.013109
#3	-.000023	-.000037	-.022738	.0008756	.000246	-.000190	-.015816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000380	.0019967	-.000326	.0001391	-.044116	-.001143	-.000849
Stddev	.000353	.0140410	.000116	.0004284	.005791	.000940	.000204
%RSD	92.93306	703.2168	35.62383	308.0102	13.12741	82.23999	23.99992

#1	.000013	.0160434	-.000318	.0005804	-.045120	-.000283	-.000915
#2	-.000671	.0019852	-.000213	.0001120	-.049340	-.000999	-.001011
#3	-.000482	-.012039	-.000445	-.000275	-.037888	-.002147	-.000620

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049110	-.010228	-.000174	.0004105	-.000097	-.001017	-.001855
Stddev	.020233	.000311	.000077	.0005921	.000590	.005822	.002367
%RSD	41.19894	3.039087	44.23430	144.2293	606.7094	572.7607	127.6369

#1	-.066680	-.010027	-.000239	.0006191	.000248	.000806	.000879
#2	-.026990	-.010072	-.000089	-.000258	.000239	.003677	-.003213
#3	-.053659	-.010586	-.000194	.000870	-.000779	-.007532	-.003230

Sample Name: PB166924BL Acquired: 3/5/2025 13:37:48 Type: Unk
 Method: NON EPA-6010-200.7(v2768) 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	-.005715	-.005781	-.000109
Stddev	.000963	.000506	.000015
%RSD	16.85372	8.758097	13.44509
#1	-.005792	-.005657	-.000096
#2	-.006637	-.006337	-.000125
#3	-.004716	-.005348	-.000107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.163	72274.58	14782.51	2161.555	4739.725
Stddev	3.614	62.90	16.48	4.866	4.131
%RSD	.1495855	.0870329	.1114750	.2251250	.0871512
#1	2416.224	72272.80	14800.27	2163.536	4735.105
#2	2412.518	72212.58	14767.71	2156.011	4741.009
#3	2419.746	72338.35	14779.54	2165.120	4743.061

Sample Name: PB166924BS Acquired: 3/5/2025 13:42:07 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.7927544	1.932452	.9506950	1.950281	.7531500	1.909268
Stddev	.0009250	.027352	.0021246	.012076	.0039325	.020438
%RSD	.1166753	1.415428	.2234798	.6191956	.5221372	1.070461

#1	.7933170	1.908414	.9482661	1.946798	.7504475	1.904666
#2	.7932594	1.926728	.9516105	1.940329	.7513410	1.931614
#3	.7916869	1.962213	.9522083	1.963715	.7576614	1.891523

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1812730	.1908858	.1879363	.9515716	.4012065	.1915110
Stddev	.0009845	.0016015	.0002715	.0045724	.0003350	.0006428
%RSD	.5431261	.8389642	.1444607	.4805122	.0835011	.3356367

#1	.1817679	.1903124	.1876444	.9556218	.4015797	.1907722
#2	.1819119	.1926950	.1879833	.9524799	.4009316	.1919424
#3	.1801392	.1896499	.1881813	.9466132	.4011083	.1918184

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3076018	2.872451	.1854886	1.824296	.4821521	.0755674
Stddev	.0006707	.027237	.0019823	.006278	.0001581	.0002175
%RSD	.2180302	.9482100	1.068690	.3441457	.0327854	.2878565

#1	.3079245	2.902818	.1863101	1.830791	.4820801	.0757721
#2	.3068308	2.850180	.1869281	1.823838	.4820429	.0753390
#3	.3080501	2.864355	.1832276	1.818260	.4823334	.0755911

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.725556	.2843815	.2041259	9.650368	.2674808	.3846034
Stddev	.025090	.0039140	.0015821	.051651	.0027396	.0017715
%RSD	.9205563	1.376334	.7750683	.5352181	1.024228	.4606093

#1	2.753850	.2839398	.2043841	9.707893	.2671842	.3832235
#2	2.716804	.2884976	.2024305	9.607969	.2703567	.3839856
#3	2.706014	.2807070	.2055630	9.635244	.2649016	.3866011

Sample Name: PB166924BS Acquired: 3/5/2025 13:42:07 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.6391883	.1797307	.7880268	5.523219	F -.009446	.1922535
Stddev	.0027044	.0020728	.0020866	.015945	.001286	.0016746
%RSD	.4231051	1.153274	.2647912	.2886922	13.61001	.8710402
#1	.6363726	.1806610	.7860786	5.504808	-.007972	.1931773
#2	.6394266	.1811754	.7902286	5.532578	-.010029	.1932628
#3	.6417657	.1773558	.7877732	5.532271	-.010336	.1903205

Elem	Sr4077
Units	ppm
Avg	.1886076
Stddev	.0016277
%RSD	.8630049
#1	.1895969
#2	.1894969
#3	.1867290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.302	72582.15	14740.20	2166.956	4637.354
Stddev	8.462	76.38	116.61	6.825	10.602
%RSD	.3486253	.1052264	.7910808	.3149786	.2286270
#1	2422.987	72541.25	14789.71	2164.371	4635.257
#2	2437.052	72670.26	14607.01	2174.696	4648.847
#3	2421.867	72534.92	14823.88	2161.800	4627.956

Sample Name: Q1451-01 Acquired: 3/5/2025 13:46:08 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.0866558	-.028970	.2628681	-.048440	.0252813	222.3466
Stddev	.0043589	.004333	.0045317	.003816	.0015893	1.1376
%RSD	5.030152	14.95706	1.723941	7.878638	6.286258	.5116540

#1	.0818905	-.028618	.2679334	-.046577	.0255111	221.9664
#2	.0876353	-.033468	.2614724	-.052830	.0235896	223.6256
#3	.0904417	-.024824	.2591984	-.045912	.0267431	221.4477

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.290787	.0089562	.0014619	F 2625.351	.3272297	.0581002
Stddev	.008585	.0000173	.0000328	16.575	.0014162	.0003885
%RSD	.3747513	.1933176	2.242445	.6313428	.4327764	.6686492

#1	2.298498	.0089696	.0014718	2630.997	.3257824	.0578365
#2	2.292326	.0089623	.0014885	2638.366	.3272940	.0585464
#3	2.281537	.0089367	.0014253	2606.691	.3286126	.0579179

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1313591	145.0904	2.109543	107.6213	.2647300	.0005208
Stddev	.0004843	.0850	.008196	.2806	.0005971	.0001196
%RSD	.3686662	.0585828	.3885024	.2607627	.2255413	22.96717

#1	.1312784	145.0471	2.115558	107.9202	.2640611	.0005954
#2	.1309203	145.1883	2.112862	107.5804	.2649199	.0005841
#3	.1318787	145.0357	2.100208	107.3634	.2652091	.0003828

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.05795	.3342624	1.120368	77.85531	.3452315	.0207668
Stddev	.05774	.0032414	.003598	.21420	.0008457	.0006616
%RSD	.1647119	.9697323	.3211434	.2751269	.2449544	3.186108

#1	35.00528	.3347552	1.116643	77.61976	.3442620	.0202573
#2	35.11970	.3372293	1.123823	78.03843	.3458173	.0215146
#3	35.04889	.3308028	1.120637	77.90773	.3456152	.0205286

Sample Name: Q1451-01 Acquired: 3/5/2025 13:46:08 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	.0021109	7.105231	4.667201	5.530716	F 169.1329	-.167090
Stddev	.0023042	.029429	.011021	.005333	.1918	.002139
%RSD	109.1570	.4141869	.2361470	.0964171	.1133819	1.280271
#1	.0013272	7.127229	4.656148	5.526515	169.1443	-.168039
#2	.0047047	7.116663	4.678191	5.528918	169.3187	-.168590
#3	.0003008	7.071802	4.667265	5.536715	168.9357	-.164640

Elem	Sr4077
Units	ppm
Avg	F 11.76160
Stddev	.08241
%RSD	.7006666
#1	11.81279
#2	11.66654
#3	11.80548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.149	62268.86	15014.22	1866.916	3019.359
Stddev	6.389	102.42	42.14	6.476	7.694
%RSD	.3040572	.1644849	.2806626	.3468982	.2548231
#1	2100.445	62385.91	14983.16	1863.758	3024.211
#2	2095.142	62225.03	14997.33	1874.366	3010.488
#3	2107.861	62195.65	15062.19	1862.625	3023.379

Sample Name: Q1435-01 Acquired: 3/5/2025 13:50:38 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.000136	-.006758	.0012618	.0032241	.0053086	1.058172
Stddev	.002756	.001286	.0007574	.0010355	.0017954	.002269
%RSD	2022.887	19.02855	60.02210	32.11780	33.82064	.2144334

#1	-.000165	-.008026	.0013883	.0031799	.0072568	1.055883
#2	.002634	-.005455	.0019480	.0042810	.0049486	1.060421
#3	-.002878	-.006793	.0004492	.0022114	.0037205	1.058213

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1319679	-.000075	-.000039	146.6612	.0306585	.0000692
Stddev	.0008825	.000026	.000059	.1807	.0000585	.0000423
%RSD	.6686882	34.18440	151.7684	.1232347	.1909202	61.11130

#1	.1329867	-.000073	-.000027	146.7271	.0306683	.0000754
#2	.1314396	-.000102	-.000103	146.7997	.0305956	.0001081
#3	.1314775	-.000051	.000013	146.4567	.0307114	.0000242

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079586	1.227303	.0455583	34.95437	.0023079	-.000154
Stddev	.0003576	.006338	.0000866	.06084	.0006921	.000160
%RSD	4.493621	.5163986	.1900941	.1740418	29.98797	103.8736

#1	.0082826	1.225078	.0455039	34.91538	.0021845	-.000129
#2	.0075749	1.234453	.0456582	34.92326	.0030534	-.000325
#3	.0080182	1.222377	.0455129	35.02447	.0016858	-.000008

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	418.2638	.0118047	.0067302	10.26138	.5895557	.0151523
Stddev	2.0671	.0013123	.0001801	.07904	.0050094	.0000960
%RSD	.4942076	11.11638	2.676797	.7702232	.8496911	.6334838

#1	420.6350	.0127101	.0065305	10.17225	.5952989	.0151871
#2	417.3146	.0124043	.0068804	10.28898	.5872806	.0150437
#3	416.8417	.0102998	.0067796	10.32292	.5860876	.0152260

Sample Name: Q1435-01 Acquired: 3/5/2025 13:50:38 Type: Unk
Method: NON EPA-6010-200.7(v2768) 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	-.003035	.0289661	F 14.39261	.0970052	F 28.85325	-.020344
Stddev	.000183	.0007199	.10632	.0020399	.05382	.000890
%RSD	6.026784	2.485316	.7387269	2.102894	.1865430	4.376796
#1	-.002842	.0283926	14.26993	.0989988	28.80746	-.019899
#2	-.003206	.0297740	14.44977	.0970948	28.91254	-.021369
#3	-.003058	.0287318	14.45812	.0949219	28.83973	-.019764

Elem	Sr4077
Units	ppm
Avg	.7399176
Stddev	.0008869
%RSD	.1198603
#1	.7394552
#2	.7409401
#3	.7393575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.316	66000.36	14271.39	1961.824	3864.427
Stddev	2.437	211.28	64.83	5.329	4.854
%RSD	.1110211	.3201175	.4542592	.2716292	.1256012
#1	2195.519	66238.06	14196.69	1967.974	3868.626
#2	2197.646	65929.08	14312.95	1958.919	3865.542
#3	2192.784	65833.95	14304.54	1958.579	3859.113

Sample Name: PB166897BS Acquired: 3/5/2025 13:59:26 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.7926363	1.839936	.9466860	1.947089	.6579630	1.899973
Stddev	.0032697	.039069	.0022105	.016225	.0048255	.001224
%RSD	.4125060	2.123410	.2334975	.8333188	.7334002	.0644273

#1	.7902054	1.795060	.9449365	1.928355	.6547014	1.900402
#2	.7913499	1.858367	.9491703	1.956646	.6556815	1.898592
#3	.7963535	1.866380	.9459511	1.956267	.6635062	1.900924

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1754678	.1898119	.1862554	.9346769	.4013606	.1895509
Stddev	.0016055	.0011071	.0004472	.0035722	.0008497	.0004832
%RSD	.9149665	.5832769	.2401090	.3821826	.2116978	.2548971

#1	.1747069	.1892106	.1857716	.9335788	.4007928	.1894678
#2	.1773122	.1910896	.1863410	.9386692	.4009515	.1891147
#3	.1743842	.1891356	.1866537	.9317826	.4023374	.1900703

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3065565	2.848298	.1813212	1.828012	.4771649	.0754673
Stddev	.0015413	.017330	.0005339	.017932	.0019454	.0001864
%RSD	.5027632	.6084282	.2944690	.9809509	.4076982	.2470043

#1	.3056257	2.865110	.1810036	1.829972	.4768735	.0753937
#2	.3057082	2.830493	.1819376	1.844883	.4753817	.0756793
#3	.3083355	2.849290	.1810223	1.809180	.4792396	.0753290

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.704802	.2795998	.2042988	9.574116	.2645883	.3325874
Stddev	.011092	.0038217	.0004045	.065082	.0025462	.0014673
%RSD	.4100933	1.366850	.1979804	.6797665	.9623345	.4411670

#1	2.695083	.2788833	.2044865	9.622575	.2621652	.3310691
#2	2.716886	.2837291	.2045754	9.500143	.2672419	.3326952
#3	2.702438	.2761871	.2038346	9.599631	.2643577	.3339977

Sample Name: PB166897BS Acquired: 3/5/2025 13:59:26 Type: Unk
Method: NON EPA-6010-200.7(v2750) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5508074	F .1527929	F .6854057	5.461373	F -.006653	.1918216
Stddev	.0021561	.0004206	.0039108	.029187	.005148	.0015151
%RSD	.3914437	.2752596	.5705892	.5344193	77.37931	.7898472

#1	.5497856	.1527152	.6819899	5.436367	-.008021	.1919144
#2	.5493522	.1532468	.6845555	5.454308	-.000959	.1932881
#3	.5532845	.1524165	.6896718	5.493443	-.010978	.1902622

Elem	Sr4077
Units	ppm
Avg	.1831150
Stddev	.0002353
%RSD	.1284791

#1	.1833762
#2	.1830492
#3	.1829196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.936	71033.01	14573.02	2111.627	4579.636
Stddev	2.371	47.84	99.68	5.491	6.890
%RSD	.0994481	.0673455	.6839875	.2600361	.1504536

#1	2386.139	71069.60	14609.61	2106.262	4582.800
#2	2384.241	70978.88	14460.22	2111.383	4584.377
#3	2381.427	71050.56	14649.24	2117.236	4571.733

Sample Name: PB166898BS Acquired: 3/5/2025 14:03:29 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.7907980	1.948231	.9524717	1.948503	.7532475	1.898140
Stddev	.0006626	.003098	.0017723	.004588	.0002402	.004113
%RSD	.0837948	.1590359	.1860723	.2354836	.0318891	.2166899

#1	.7915580	1.949861	.9539379	1.947154	.7532378	1.894810
#2	.7904950	1.944658	.9505022	1.953615	.7534924	1.902738
#3	.7903410	1.950175	.9529749	1.944741	.7530123	1.896873

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1829157	.1916342	.1882936	.9486994	.4018086	.1916717
Stddev	.0001594	.0012390	.0002580	.0097611	.0022269	.0004340
%RSD	.0871358	.6465517	.1369947	1.028887	.5542174	.2264401

#1	.1830695	.1919081	.1880936	.9539855	.4041386	.1918577
#2	.1827512	.1902812	.1882024	.9374354	.4015856	.1911757
#3	.1829262	.1927134	.1885847	.9546772	.3997016	.1919817

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3071818	2.873219	.1851953	1.854401	.4834407	.0758244
Stddev	.0002030	.004797	.0007379	.009493	.0008677	.0002545
%RSD	.0660873	.1669561	.3984514	.5119196	.1794761	.3356579

#1	.3070230	2.875973	.1851408	1.843588	.4834885	.0760718
#2	.3071119	2.876003	.1859590	1.861365	.4825502	.0758380
#3	.3074105	2.867680	.1844862	1.858249	.4842835	.0755633

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.791099	.2826790	.2045724	9.755024	.2687690	.3836092
Stddev	.028914	.0005181	.0012708	.061108	.0020083	.0007763
%RSD	1.035919	.1832888	.6211932	.6264257	.7472207	.2023630

#1	2.783416	.2828589	.2060346	9.740054	.2706819	.3844807
#2	2.823077	.2820949	.2039480	9.822226	.2666772	.3829918
#3	2.766802	.2830831	.2037346	9.702792	.2689480	.3833552

Sample Name: PB166898BS Acquired: 3/5/2025 14:03:29 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	.6414730	.1784679	.7868468	5.522972	F -.010087	.1942035
Stddev	.0019628	.0004015	.0043636	.014162	.001490	.0003933
%RSD	.3059796	.2249839	.5545723	.2564136	14.77134	.2025057

#1	.6405283	.1787602	.7818359	5.537437	-.011382	.1944201
#2	.6401612	.1786334	.7898101	5.522344	-.008458	.1944410
#3	.6437295	.1780101	.7888944	5.509135	-.010421	.1937496

Elem	Sr4077
Units	ppm
Avg	.1892468
Stddev	.0007013
%RSD	.3705748

#1	.1895245
#2	.1897667
#3	.1884491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.476	72278.25	14738.65	2165.606	4604.970
Stddev	6.819	186.05	66.14	11.546	6.504
%RSD	.2814731	.2574051	.4487195	.5331414	.1412431

#1	2414.603	72141.32	14710.94	2156.245	4598.147
#2	2426.521	72203.36	14814.13	2178.507	4611.099
#3	2426.303	72490.07	14690.87	2162.064	4605.664

Sample Name: CCV04 Acquired: 3/5/2025 14:07:31 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	4.980012	5.024711	4.981896	4.979824	5.002754	10.00697	10.15211
Stddev	.013074	.041551	.023770	.013406	.018493	.01979	.01267
%RSD	.2625275	.8269292	.4771282	.2692039	.3696635	.1978014	.1248356

#1	4.964941	4.976952	4.956257	4.966679	4.984101	9.99920	10.16536
#2	4.988304	5.052562	4.986230	4.979318	5.003078	10.02947	10.14010
#3	4.986791	5.044619	5.003200	4.993476	5.021084	9.99224	10.15086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2474103	2.489525	24.49088	1.024138	2.509229	1.262659	4.895736
Stddev	.0002923	.009497	.03773	.000463	.010534	.002876	.020525
%RSD	.1181340	.3814962	.1540683	.0451909	.4198167	.2277535	.4192493

#1	.2475860	2.479242	24.52955	1.024578	2.497636	1.261398	4.876540
#2	.2470729	2.491366	24.48894	1.024180	2.511838	1.260628	4.917373
#3	.2475720	2.497967	24.45416	1.023655	2.518214	1.265949	4.893294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.370118	24.38885	2.520969	1.274685	25.28647	2.470355	2.570637
Stddev	.004194	.02798	.011003	.001201	.02891	.004728	.008122
%RSD	.1769638	.1147442	.4364657	.0942032	.1143410	.1914045	.3159711

#1	2.373803	24.40694	2.509787	1.273336	25.27432	2.465285	2.562134
#2	2.370997	24.35662	2.521336	1.275638	25.31947	2.474644	2.571461
#3	2.365554	24.40299	2.531784	1.275079	25.26561	2.471137	2.578316

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.67664	4.910541	5.067718	4.996717	4.905001	5.021193	5.013500
Stddev	.02748	.008491	.014002	.021105	.001170	.000291	.029099
%RSD	.1070206	.1729094	.2762905	.4223694	.0238608	.0058048	.5804149

#1	25.64736	4.920337	5.053967	4.972922	4.904696	5.021319	4.984355
#2	25.70187	4.905993	5.067228	5.004060	4.906293	5.020860	5.013592
#3	25.68069	4.905294	5.081958	5.013170	4.904013	5.021400	5.042553

Sample Name: CCV04 Acquired: 3/5/2025 14:07:31 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	4.979742	5.030962	5.015705
Stddev	.017618	.008983	.030411
%RSD	.3537869	.1785492	.6063238
#1	4.960298	5.033013	4.981381
#2	4.994645	5.038742	5.026445
#3	4.984282	5.021131	5.039289

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.563	71344.24	14325.92	2116.187	4298.994
Stddev	7.900	72.75	21.35	8.862	17.918
%RSD	.3293474	.1019705	.1490401	.4187613	.4168038
#1	2401.685	71361.82	14307.34	2124.380	4311.501
#2	2404.424	71406.59	14349.24	2117.399	4307.014
#3	2389.579	71264.31	14321.17	2106.781	4278.467

Sample Name: CCB04 Acquired: 3/5/2025 14:11:42 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.000373	-.002563	-.000502	.0001523	.0003671	-.004231	-.005099
Stddev	.002595	.000604	.000607	.0021369	.0011627	.002645	.001064
%RSD	695.1866	23.54722	120.8879	1403.303	316.6929	62.51704	20.85605

#1	.001803	-.002871	-.001179	.0015920	.0007367	-.003251	-.006098
#2	-.003245	-.001868	-.000004	-.002303	.0013001	-.007226	-.005219
#3	.000322	-.002951	-.000324	.001168	-.000935	-.002216	-.003981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000566	.0000716	-.005360	.0006476	-.000213	.0001214	-.006480
Stddev	.0000275	.0000291	.005347	.0002081	.000096	.0000558	.002185
%RSD	48.56344	40.70529	99.75287	32.13400	45.09028	45.98394	33.71730

#1	.0000873	.0000382	-.000438	.0005099	-.000128	.0001043	-.008602
#2	.0000341	.0000917	-.011049	.0005459	-.000317	.0001837	-.006601
#3	.0000485	.0000848	-.004594	.0008870	-.000194	.0000761	-.004237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000166	.0156111	-.000105	.0001882	-.001521	.0001269	-.000972
Stddev	.0004704	.0127221	.000257	.0002334	.012128	.0005802	.000335
%RSD	2833.785	81.49387	243.7129	124.0377	797.5117	457.1602	34.47284

#1	.0002970	.0288870	-.000158	.0000221	-.010274	.0004357	-.001342
#2	-.000527	.0035268	-.000332	.0004551	-.006612	-.000542	-.000886
#3	.000279	.0144193	.000173	.0000874	.012323	.000487	-.000689

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004143	-.003964	.0001067	-.000143	.0004557	.0066922	-.000091
Stddev	.019312	.000421	.0001982	.000345	.0009221	.0041360	.000797
%RSD	466.0975	10.60797	185.8297	242.0712	202.3457	61.80233	875.9343

#1	.015460	-.003633	.0002074	.000240	-.000129	.0114670	-.000959
#2	-.023150	-.004437	.0002343	-.000429	-.000022	.0042200	.000608
#3	-.004739	-.003822	-.000122	-.000238	.001519	.0043897	.000078

Sample Name: CCB04 Acquired: 3/5/2025 14:11:42 Type: Unk
Method: NON EPA-6010-200.7(v2750) 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	-.005541	-.004633	.0000060
Stddev	.002966	.001113	.0000146
%RSD	53.52397	24.03191	245.0106

#1	-.002718	-.004714	-.000011
#2	-.005272	-.005704	.000017
#3	-.008631	-.003481	.000011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.711	73582.38	14834.96	2184.005	4835.098
Stddev	8.085	249.17	47.59	10.758	8.100
%RSD	.3238251	.3386220	.3208205	.4925717	.1675339

#1	2503.231	73543.20	14853.40	2183.520	4835.089
#2	2499.239	73355.13	14780.90	2173.497	4843.203
#3	2487.665	73848.82	14870.57	2194.996	4827.002

LB134824

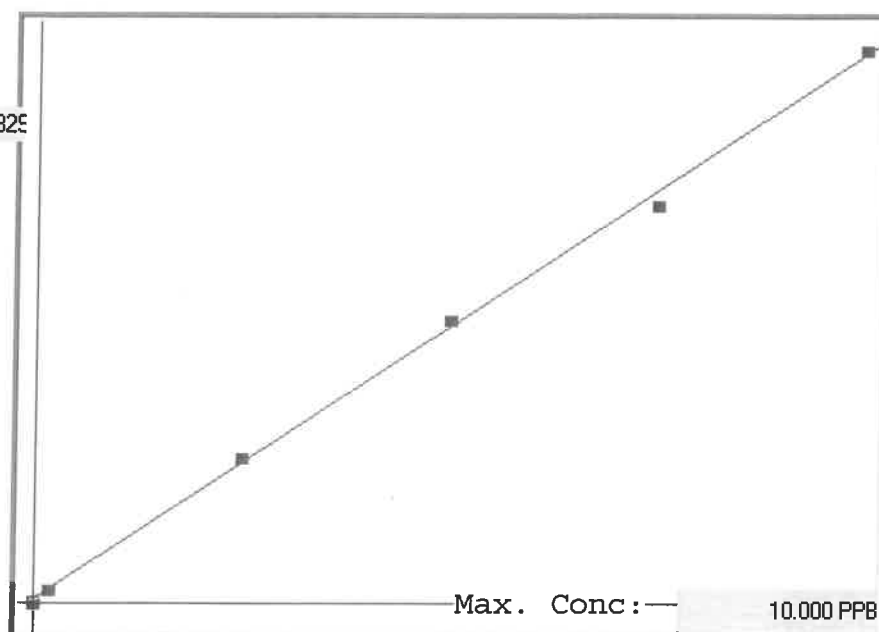
7471B

INSTRUMENT ID: CV1

Linear

μ Abs.:

54325



A= 0.0000e+000

B= 1.8685e-004

C= -6.7322e-002

Rho= 0.9993747

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	% RSD
0.0	0.000	-0.064	-0.064	17	0.000	17					-
0.2	0.200	0.190	-0.010	1379	0.0 %	1379					-5
2.5	2.500	2.607	0.107	14312	0.0 %	14312					4
5.0	5.000	5.132	0.132	27825	0.0 %	27825					3
7.5	7.500	7.251	-0.249	39166	0.0 %	39166					-3
10.0	10.000	10.084	0.084	54329	0.0 %	54329					1

LB1348924 INSTRUMENT ID : CV1

Method: 7471B

Operator: Admin

Date of Analysis: 27 Feb 2025 09:30:21

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	50	17	-	0.0000	7471B	PPB	27 Feb 2025 09:30:32	S	Std
0.2 - 1	50.2	1379	-	0.2000	7471B	PPB	27 Feb 2025 09:32:49	S	Std
2.5 - 1	52.5	14312	-	2.5000	7471B	PPB	27 Feb 2025 09:37:32	S	Std
5.0 - 1	55	27825	-	5.0000	7471B	PPB	27 Feb 2025 09:39:49	S	Std
7.5 - 1	57.5	39166	-	7.5000	7471B	PPB	27 Feb 2025 09:42:08	S	Std
10.0 - 1	510	54329	-	10.0000	7471B	PPB	27 Feb 2025 09:44:27	S	Std
ICV20 - 1	ICV20	21070	3.8696	-	7471B	PPB	27 Feb 2025 09:49:59	U	SMPL
ICB20 - 1	ICB20	-40	-0.0748	-	7471B	PPB	27 Feb 2025 09:54:54	U	SMPL
CCV29 - 1	CCV29	27996	5.1638	-	7471B	PPB	27 Feb 2025 09:57:08	U	SMPL
CCB29 - 1	CCB29	29	-0.0619	-	7471B	PPB	27 Feb 2025 10:02:06	U	SMPL
CRA - 1	CRA	1336	0.1823	-	7471B	PPB	27 Feb 2025 10:04:21	U	SMPL
HighStd - 1	HighStd	55611	10.3237	-	7471B	PPB	27 Feb 2025 10:06:36	U	SMPL
ChkStd - 1	ChkStd	35958	6.6515	-	7471B	PPB	27 Feb 2025 10:08:51	U	SMPL
PB166888BL - 1	PBS	-44	-0.0755	-	7471B	PPB	27 Feb 2025 10:13:51	U	SMPL
PB166888BS - 1	LCSS	20478	3.7590	-	7471B	PPB	27 Feb 2025 10:16:06	U	SMPL
Q1427-01 - 1	VNJ-227	894	0.0997	-	7471B	PPB	27 Feb 2025 10:18:23	U	SMPL
Q1428-01 - 1	NB-07-022525	1602	0.2320	-	7471B	PPB	27 Feb 2025 10:20:42	U	SMPL
Q1440-01 - 1	OR-02-022625	3249	0.5398	-	7471B	PPB	27 Feb 2025 10:22:59	U	SMPL
Q1441-01 - 1	HD-02-022625	2167	0.3376	-	7471B	PPB	27 Feb 2025 10:25:17	U	SMPL
Q1442-03 - 1	351	5889	1.0330	-	7471B	PPB	27 Feb 2025 10:27:33	U	SMPL
CCV30 - 1	CCV30	27743	5.1165	-	7471B	PPB	27 Feb 2025 10:29:50	U	SMPL
CCB30 - 1	CCB30	6	-0.0662	-	7471B	PPB	27 Feb 2025 10:34:44	U	SMPL
Q1447-01 - 1	WC1	573	0.0397	-	7471B	PPB	27 Feb 2025 10:37:06	U	SMPL
Q1447-01DUP - 1	WC1DUP	843	0.0902	-	7471B	PPB	27 Feb 2025 10:39:21	U	SMPL
Q1447-01MS - 1	WC1MS	20151	3.6979	-	7471B	PPB	27 Feb 2025 10:41:36	U	SMPL
Q1447-01MSD - 1	WC1MSD	20323	3.7301	-	7471B	PPB	27 Feb 2025 10:43:52	U	SMPL
Q1447-01LX5 - 1		-139	-0.0933	-	7471B	PPB	27 Feb 2025 10:46:10	U	SMPL
Q1447-01A - 1		20792	3.8177	-	7471B	PPB	27 Feb 2025 10:48:29	U	SMPL
CCV31 - 1	CCV31	27842	5.1350	-	7471B	PPB	27 Feb 2025 10:50:46	U	SMPL
CCB31 - 1	CCB31	-28	-0.0726	-	7471B	PPB	27 Feb 2025 10:55:44	U	SMPL

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 02/27/2025 Time : 10:05 Temp : 96 °C

End Digest Date: 02/27/2025 Time : 12:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SLD*

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	M6011
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	M6126
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6121
PTFE Boiling Stones	N/A	M5585
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK # 2 CELL 35 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/27/25 13:10	<i>SLD met. dig.</i>	<i>[Signature] (metals Lab)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB166898BL	PBS898	N/A	2.03	100	Colorless	Colorless	Fine	N/A	N/A	1
PB166898BS	LCS898	N/A	2.04	100	Colorless	Colorless	Fine	N/A	M6003,M6011	2
Q1440-01	OR-02-022625	N/A	2.39	100	Brown	Yellow	Medium	N/A	N/A	3
Q1441-01	HD-02-022625	N/A	2.28	100	Brown	Yellow	Medium	N/A	N/A	4
Q1442-03	351	N/A	2.26	100	Brown	Yellow	Medium	N/A	N/A	5
Q1447-01	WC1	N/A	2.25	100	Brown	Yellow	Medium	N/A	N/A	6
Q1447-01MS	WC1MS	N/A	2.23	100	Brown	Yellow	Medium	N/A	M6003,M6011	8
Q1447-01MSD	WC1MSD	N/A	2.35	100	Brown	Yellow	Medium	N/A	M6003,M6011	9
Q1447-01DUP	WC1DUP	N/A	2.19	100	Brown	Yellow	Medium	N/A	N/A	7

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB166898

WorkList ID : 187931

Department : Digestion

Date : 02-27-2025 09:27:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1440-01	OR-02-022625	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	H41	02/26/2025	6010D
Q1441-01	HD-02-022625	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	H31	02/26/2025	6010D
Q1442-03	351	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	N31	02/26/2025	6010D
Q1447-01	WC1	Solid	Metals ICP-TAL	Cool 4 deg C	GENV01	H33	02/23/2025	6010D

Date/Time 02/27/25 9:40

Raw Sample Received by: gas.mech.dig

Raw Sample Relinquished by: AS

Date/Time 02/27/25

Raw Sample Received by: AS

Raw Sample Relinquished by: gas.mech.dig

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/27/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 02/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 02/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB134817

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
Q1440-01	OR-02-022625	5	1.15	8.81	9.96	9.06	89.8	
Q1440-02	OR-02-022625-E2	6	1.12	8.87	9.99	9.03	89.2	
Q1441-01	HD-02-022625	7	1.18	8.44	9.62	8.61	88.0	
Q1441-02	HD-02-022625-E2	8	1.15	8.82	9.97	8.76	86.3	
Q1442-01	280	1	1.00	1.00	2.00	2.00	100.0	debris
Q1442-02	281	2	1.15	8.50	9.65	9.00	92.4	
Q1442-03	351	3	1.15	8.81	9.96	8.86	87.5	
Q1442-04	351-E2	4	1.13	8.55	9.68	8.58	87.1	
Q1443-01	3733	9	1.15	0.85	2.00	2.00	100.0	debris
Q1444-01	HIH5032-1-1	10	1.00	1.00	2.00	2.00	100.0	oilc
Q1444-02	HIH5032-1-2	11	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-01	FDH119M-1-1	12	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-02	FDH119M-1-2	13	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-03	FDH119M-2-1	14	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-04	FDH119M-2-2	15	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-05	BC274767-1-1	16	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-06	BC274767-1-2	17	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-07	029015-1-1	18	1.00	1.00	2.00	2.00	100.0	oilc
Q1445-08	029015-1-2	19	1.00	1.00	2.00	2.00	100.0	oilc
Q1447-01	WC1	20	1.16	8.60	9.76	9.11	92.4	
Q1448-01	PSP1	21	1.15	8.50	9.65	8.73	89.2	
Q1448-02	P1	22	1.17	8.42	9.59	8.69	89.3	
Q1448-03	P2	23	1.16	8.53	9.69	8.84	90.0	
Q1448-04	P3	24	1.15	8.79	9.94	8.78	86.8	
Q1448-05	P4	25	1.12	8.75	9.87	8.82	88.0	

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

WORKLIST(Hardcopy Internal Chain)

15145

WorkList Name : %1-022625

WorkList ID : 187879

Department : Wet-Chemistry

Date : 02-26-2025 07:54:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1440-01	OR-02-022625	Solid	Percent Solids	Cool 4 deg C	PSEG05	H41	02/26/2025	Chemtech -SO
Q1440-02	OR-02-022625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H41	02/26/2025	Chemtech -SO
Q1441-01	HD-02-022625	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/26/2025	Chemtech -SO
Q1441-02	HD-02-022625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/26/2025	Chemtech -SO
Q1442-01	280	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1442-02	281	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1442-03	351	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1442-04	351-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	02/26/2025	Chemtech -SO
Q1443-01	3733	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	02/26/2025	Chemtech -SO
Q1444-01	HIH5032-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1444-02	HIH5032-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-01	FDH119M-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-02	FDH119M-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-03	FDH119M-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-04	FDH119M-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-05	BC274767-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-06	BC274767-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-07	029015-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1445-08	029015-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/26/2025	Chemtech -SO
Q1447-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	H33	02/23/2025	Chemtech -SO
Q1448-01	PSP1	Solid	Percent Solids	Cool 4 deg C	GENV01	H33	02/25/2025	Chemtech -SO

Date/Time 02/26/25 15:45
 Raw Sample Received by: sd cwc
 Raw Sample Relinquished by: sd cwc

WORKLIST(Hardcopy Internal Chain)

JB 134817

WorkList Name : %1-022625

WorkList ID : 187879

Department : Wet-Chemistry

Date : 02-26-2025 07:54:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1448-02	P1	Solid	Percent Solids	Cool 4 deg C	GENV01	H33	02/25/2025	Chemtech -SO
Q1448-03	P2	Solid	Percent Solids	Cool 4 deg C	GENV01	H33	02/25/2025	Chemtech -SO
Q1448-04	P3	Solid	Percent Solids	Cool 4 deg C	GENV01	H33	02/25/2025	Chemtech -SO
Q1448-05	P4	Solid	Percent Solids	Cool 4 deg C	GENV01	H33	02/25/2025	Chemtech -SO

Date/Time 02/26/25 15:45

Raw Sample Received by: JB (WC)

Raw Sample Relinquished by: CP SM

Date/Time 02/26/25 17:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JB (WC)

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134824

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP84665,MP84666,MP84667,MP84668,MP84669,MP84670
ICV Standard	MP84671
CCV Standard	MP84673
ICSA Standard	
CRI Standard	MP84675
LCS Standard	
Chk Standard	MP84672,MP84674,MP84676,MP84678

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	02/27/25 09:30		Mohan	OK
2	S0.2	S0.2	CAL2	02/27/25 09:32		Mohan	OK
3	S2.5	S2.5	CAL3	02/27/25 09:37		Mohan	OK
4	S5	S5	CAL4	02/27/25 09:39		Mohan	OK
5	S7.5	S7.5	CAL5	02/27/25 09:42		Mohan	OK
6	S10	S10	CAL6	02/27/25 09:44		Mohan	OK
7	ICV20	ICV20	ICV	02/27/25 09:49		Mohan	OK
8	ICB20	ICB20	ICB	02/27/25 09:54		Mohan	OK
9	CCV29	CCV29	CCV	02/27/25 09:57		Mohan	OK
10	CCB29	CCB29	CCB	02/27/25 10:02		Mohan	OK
11	CRA	CRA	CRDL	02/27/25 10:04		Mohan	OK
12	HighStd	HighStd	HIGH STD	02/27/25 10:06		Mohan	OK
13	ChkStd	ChkStd	SAM	02/27/25 10:08		Mohan	OK
14	PB166888BL	PB166888BL	MB	02/27/25 10:13		Mohan	OK
15	PB166888BS	PB166888BS	LCS	02/27/25 10:16		Mohan	OK
16	Q1427-01	VNJ-227	SAM	02/27/25 10:18		Mohan	OK
17	Q1428-01	NB-07-022525	SAM	02/27/25 10:20		Mohan	OK
18	Q1440-01	OR-02-022625	SAM	02/27/25 10:22		Mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134824

Review By	Review On
Supervise By	Supervise On
STD. NAME	STD REF.#
ICAL Standard	MP84665,MP84666,MP84667,MP84668,MP84669,MP84670
ICV Standard	MP84671
CCV Standard	MP84673
ICSA Standard	
CRI Standard	MP84675
LCS Standard	
Chk Standard	MP84672,MP84674,MP84676,MP84678

19	Q1441-01	HD-02-022625	SAM	02/27/25 10:25		Mohan	OK
20	Q1442-03	351	SAM	02/27/25 10:27		Mohan	OK
21	CCV30	CCV30	CCV	02/27/25 10:29		Mohan	OK
22	CCB30	CCB30	CCB	02/27/25 10:34		Mohan	OK
23	Q1447-01	WC1	SAM	02/27/25 10:37		Mohan	OK
24	Q1447-01DUP	WC1DUP	DUP	02/27/25 10:39		Mohan	OK
25	Q1447-01MS	WC1MS	MS	02/27/25 10:41		Mohan	OK
26	Q1447-01MSD	WC1MSD	MSD	02/27/25 10:43		Mohan	OK
27	Q1447-01L	WC1L	SD	02/27/25 10:46		Mohan	OK
28	Q1447-01A	WC1A	PS	02/27/25 10:48		Mohan	OK
29	CCV31	CCV31	CCV	02/27/25 10:50		Mohan	OK
30	CCB31	CCB31	CCB	02/27/25 10:55		Mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134904

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/05/25 10:17		Kareem	OK
2	S1	S1	CAL2	03/05/25 10:22		Kareem	OK
3	S2	S2	CAL3	03/05/25 10:26		Kareem	OK
4	S3	S3	CAL4	03/05/25 10:30		Kareem	OK
5	S4	S4	CAL5	03/05/25 10:34		Kareem	OK
6	S5	S5	CAL6	03/05/25 10:39		Kareem	OK
7	ICV01	ICV01	ICV	03/05/25 10:43		Kareem	OK
8	LLICV01	LLICV01	LLICV	03/05/25 10:51		Kareem	OK
9	ICB01	ICB01	ICB	03/05/25 10:56		Kareem	OK
10	CRI01	CRI01	CRDL	03/05/25 11:00		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/05/25 11:04		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/05/25 11:09		Kareem	OK
13	CCV01	CCV01	CCV	03/05/25 11:13		Kareem	OK
14	CCB01	CCB01	CCB	03/05/25 11:17		Kareem	OK
15	Q1447-01	WC1	SAM	03/05/25 11:21		Kareem	OK
16	Q1474-01	BU-03-02282025	SAM	03/05/25 11:26		Kareem	OK
17	Q1480-01	TP-1	SAM	03/05/25 11:30		Kareem	OK
18	Q1480-09	TP-2	SAM	03/05/25 11:34		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134904

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

19	Q1480-17	TP-3	SAM	03/05/25 11:38		Kareem	OK
20	Q1480-25	TP-4	SAM	03/05/25 11:43		Kareem	OK
21	Q1474-01DUP	BU-03-02282025DUP	DUP	03/05/25 11:47		Kareem	OK
22	Q1474-01L	BU-03-02282025L	SD	03/05/25 11:51		Kareem	OK
23	CCV02	CCV02	CCV	03/05/25 11:55		Kareem	OK
24	CCB02	CCB02	CCB	03/05/25 11:59		Kareem	OK
25	Q1474-01MS	BU-03-02282025MS	MS	03/05/25 12:04		Kareem	OK
26	Q1474-01MSD	BU-03-02282025MSD	MSD	03/05/25 12:07		Kareem	OK
27	Q1474-01A	BU-03-02282025A	PS	03/05/25 12:11		Kareem	OK
28	LR1	LR1	HIGH STD	03/05/25 12:15		Kareem	OK
29	LR2	LR2	HIGH STD	03/05/25 12:20		Kareem	OK
30	Q1447-01DUP	WC1DUP	DUP	03/05/25 12:25		Kareem	OK
31	Q1447-01L	WC1L	SD	03/05/25 12:29		Kareem	OK
32	Q1447-01MS	WC1MS	MS	03/05/25 12:33		Kareem	OK
33	Q1447-01MSD	WC1MSD	MSD	03/05/25 12:37		Kareem	OK
34	Q1447-01A	WC1A	PS	03/05/25 12:41		Kareem	OK
35	CCV03	CCV03	CCV	03/05/25 12:45		Kareem	OK
36	CCB03	CCB03	CCB	03/05/25 12:49		Kareem	OK
37	PB166962BL	PB166962BL	MB	03/05/25 13:12		Kareem	OK
38	PB166962BS	PB166962BS	LCS	03/05/25 13:17		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB134904

Review By	Review On
Supervise By	Supervise On

STD. NAME	STD REF.#
ICAL Standard ICV Standard CCV Standard ICSA Standard CRI Standard LCS Standard Chk Standard	

39	PB166897BL	PB166897BL	MB	03/05/25 13:21		Kareem	OK
40	PB166898BL	PB166898BL	MB	03/05/25 13:29		Kareem	OK
41	PB166924BL	PB166924BL	MB	03/05/25 13:37		Kareem	OK
42	PB166924BS	PB166924BS	LCS	03/05/25 13:42		Kareem	OK
43	Q1451-01	VNJ208	SAM	03/05/25 13:46		Kareem	OK
44	Q1475-01	TR-04-02282025	SAM	03/05/25 13:50		Kareem	OK
45	PB166897BS	PB166897BS	LCS	03/05/25 13:59		Kareem	OK
46	PB166898BS	PB166898BS	LCS	03/05/25 14:03		Kareem	OK
47	CCV04	CCV04	CCV	03/05/25 14:07		Kareem	OK
48	CCB04	CCB04	CCB	03/05/25 14:11		Kareem	OK

Prep Standard - Chemical Standard Summary

Order ID : Q1447

Test : Mercury, Metals ICP-TAL

Prepbatch ID : PB166888, PB166898,

Sequence ID/Qc Batch ID: LB134824, LB134904,

Standard ID :

MP84041, MP84664, MP84665, MP84666, MP84667, MP84668, MP84669, MP84670, MP84671, MP84672, MP84673, MP84674, MP84675, MP84676, MP84678,

Chemical ID :

M5062, M5532, M5585, M5882, M6003, M6011, M6121, M6125, M6126, M6151, W3112,

Metals STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
169	1:1HNO3	MP84041	01/14/2025	07/14/2025	Eman Mughal	None	None	Sarabjit Jaswal
								01/16/2025

FROM 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
871	MERCURY INTERMEDIATE B 250PPB WORKING STD.	MP84664	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HGA)	Sarabjit Jaswal
								02/28/2025

FROM 1.00000ml of M6126 + 2.50000ml of M5062 + 96.50000ml of W3112 = Final Quantity: 100.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1340	Hg 0.00 PPB STD	MP84665	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG	Sarabjit Jaswal 02/28/2025

FROM	TO	REMARKS
2.50000ml of M6126 + 247.50000ml of W3112	= Final Quantity: 250.000 ml	A)

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1341	Hg 0.2 PPB STD	MP84666	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG	Sarabjit Jaswal 02/28/2025

FROM		A)
2.50000ml of M6126 + 247.30000ml of W3112 + 0.20000ml of MP84664	= Final Quantity: 250.000 ml	



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1342	Hg 2.5 PPB STD	MP84667	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG)	Sarabjit Jaswal 02/28/2025
FROM 2.50000ml of M6126 + 245.00000ml of W3112 + 2.50000ml of MP84664 = Final Quantity: 250.000 ml 								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1343	Hg 5.0 PPB STD	MP84668	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HGA)	Sarabjit Jaswal 02/28/2025
<u>FROM</u>	2.50000ml of M6126 + 242.50000ml of W3112 + 5.00000ml of MP84664 = Final Quantity: 250.000 ml							



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1344	Hg 7.5 PPB STD	MP84669	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG)	Sarabjit Jaswal 02/28/2025
FROM 2.50000ml of M6126 + 240.00000ml of W3112 + 7.50000ml of MP84664 = Final Quantity: 250.000 ml 								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1345	Hg 10.0 PPB STD	MP84670	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG)	Sarabjit Jaswal
FROM 2.50000ml of M6126 + 237.50000ml of W3112 + 10.00000ml of MP84664 = Final Quantity: 250.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1346	Hg ICV SOLUTION	MP84671	02/27/2025	02/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG)	Sarabjit Jaswal 02/28/2025
FROM 2.50000ml of M5532 + 2.50000ml of M6126 + 245.00000ml of W3112 = Final Quantity: 250.000 ml 								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1351	ICB (Hg 0.00 PPB SOLUTION)	MP84672	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HGA)	Sarabjit Jaswal 02/28/2025
<u>FROM</u>	2.50000ml of M6126 + 247.50000ml of W3112 = Final Quantity: 250.000 ml							



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1358	CCV (Hg 5.0 PPB SOLUTION)	MP84673	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG)	Sarabjit Jaswal
A) FROM 485.00000ml of W3112 + 5.00000ml of M6126 + 10.00000ml of MP84664 = Final Quantity: 500.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1352	CCB (Hg 0.00 PPB SOLUTION)	MP84674	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HGA)	Sarabjit Jaswal 02/28/2025
<u>FROM</u> 495.00000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 500.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1349	CRA/CRI (Hg 0.2 PPB SOLUTION)	MP84675	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HG)	Sarabjit Jaswal 02/28/2025
FROM 2.50000ml of M6126 + 247.30000ml of W3112 + 0.20000ml of MP84664 = Final Quantity: 250.000 ml 								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1350	CHK STD (Hg 7.0 PPB SOLUTION)	MP84676	02/27/2025	03/28/2025	Mohan Bera	None	METALS_PIPETTE_5 (HGA)	Sarabjit Jaswal 02/28/2025
<u>FROM</u> 2.50000ml of M6126 + 240.50000ml of W3112 + 7.00000ml of MP84664 = Final Quantity: 250.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
68	STANNOUS CHLORIDE SOLUTION	MP84678	02/27/2025	03/28/2025	Mohan Bera	METALS_SCALE_3 (M SC-3)	None	Sarabjit Jaswal 02/28/2025
<u>FROM</u> 450.00000ml of W3112 + 50.00000gram of M5882 + 50.00000ml of M6151 = Final Quantity: 500.000 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	MSHG-10PPM / MERCURY HCl 125mL 10ug/mL	S2-HG709270	09/22/2026	05/28/2022 / mohan	01/27/2022 / mohan	M5062

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-5 / ICV (HG) STOCK SOLN	ICV5-0415	03/15/2025	01/02/2025 /	03/30/2023 / mohan	M5532

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	26397-103 / PTFE BOILING STONES	W126678	03/31/2025	01/20/2024 /	06/12/2023 / jaswal	M5585

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3980-01 / Stannous Chloride (cs/4x500g)	232820	08/31/2028	04/30/2024 / mohan	04/25/2024 / mohan	M5882

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	WW-LFS-1 / Laboratory Fortified Stock Solution 1, 125 ml	T2-MEB723367	08/26/2025	02/26/2025 / Eman	05/14/2024 / Jaswal	M6003

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	WW-LFS-2 / Laboratory Fortified Stock Solution 2, 125 ml	U2-MEB731108	07/14/2025	01/14/2025 / Eman	05/14/2024 / Jaswal	M6011

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	0000275677	05/13/2025	11/13/2024 / Eman	10/13/2024 / Eman	M6121

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	05/25/2025	11/26/2024 / Eman	11/22/2024 / Eman	M6125

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	22G2862015	08/18/2025	02/18/2025 / Sagar	01/15/2025 / Sagar	M6151

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

M5882
 M3

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	T142	Quality Test / Release Date	08/17/2023
Lot Number	232820		
Description	STANNOUS CHLORIDE, DIHYDRATE CERTIFIED ACS (Suitable for Mercury Determination)		
Country of Origin	United States	Suggested Retest Date	Aug/2028
Chemical Origin	Inorganic-non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear crystals
ASSAY	%	Inclusive Between 98 - 103	100.65
CALCIUM	%	<= 0.005	0.0017
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
IRON (Fe)	%	<= 0.003	0.0011
LEAD (Pb)	%	<= 0.01	0.0006
MERCURY (Hg)	ppm	<= 0.05	<0.05
POTASSIUM (K)	%	<= 0.005	0.0001
SODIUM (Na)	%	<= 0.01	<0.01
SOLUBILITY IN HCL	PASS/FAIL	= PASS TEST	PASS TEST
SULFATE (SO4)	PASS/FAIL	= P.T. (ABOUT 0.003%)	P.T. (ABOUT 0.003%)



Harout Sahagian - Quality Control Supervisor - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.



Refine your results. Redefine your industry.

RD:05/14/2024

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030

F: 540-585-3012

info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).



2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	WW-LFS-1
Lot Number:	T2-MEB723367
Matrix:	5% (v/v) HNO ₃

Value / Analyte(s):	1 000 µg/mL ea:	
	Potassium,	
	600 µg/mL ea:	
	Phosphorus,	
	300 µg/mL ea:	
	Sodium,	Iron,
	200 µg/mL ea:	
	Magnesium,	Aluminum,
	Cerium,	Selenium,
	Thallium,	
	100 µg/mL ea:	
	Lead,	Calcium,
	80 µg/mL ea:	
	Arsenic,	
	70 µg/mL ea:	
	Mercury,	
	50 µg/mL ea:	
	Nickel,	
	40 µg/mL ea:	
	Chromium,	
	30 µg/mL ea:	
	Copper,	Boron,
	Vanadium,	
	20 µg/mL ea:	
	Zinc,	Strontium,
	Barium,	Beryllium,
	Cadmium,	Cobalt,
	Manganese,	Lithium,
	7.5 µg/mL ea:	
	Silver	

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	200.0 ± 0.7 µg/mL	Arsenic, As	80.0 ± 0.7 µg/mL
Barium, Ba	20.00 ± 0.09 µg/mL	Beryllium, Be	20.00 ± 0.13 µg/mL
Boron, B	30.00 ± 0.18 µg/mL	Cadmium, Cd	20.00 ± 0.09 µg/mL
Calcium, Ca	100.0 ± 0.4 µg/mL	Cerium, Ce	200.0 ± 0.8 µg/mL
Chromium, Cr	40.00 ± 0.30 µg/mL	Cobalt, Co	20.00 ± 0.10 µg/mL
Copper, Cu	30.00 ± 0.13 µg/mL	Iron, Fe	300.0 ± 1.3 µg/mL
Lead, Pb	100.0 ± 0.4 µg/mL	Lithium, Li	20.00 ± 0.08 µg/mL
Magnesium, Mg	200.0 ± 0.8 µg/mL	Manganese, Mn	20.00 ± 0.08 µg/mL
Mercury, Hg	70.0 ± 0.3 µg/mL	Nickel, Ni	50.00 ± 0.22 µg/mL
Phosphorus, P	600.0 ± 2.7 µg/mL	Potassium, K	1 000 ± 4 µg/mL
Selenium, Se	200.0 ± 1.3 µg/mL	Silver, Ag	7.50 ± 0.03 µg/mL
Sodium, Na	300.0 ± 1.4 µg/mL	Strontium, Sr	20.01 ± 0.08 µg/mL
Thallium, Tl	200.0 ± 1.4 µg/mL	Vanadium, V	30.00 ± 0.13 µg/mL
Zinc, Zn	20.00 ± 0.09 µg/mL		

Density: 1.034 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
B	ICP Assay	3107	190605
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Ce	ICP Assay	3110	090504
Ce	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Hg	ICP Assay	3133	160921
Hg	EDTA	928	928
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	Traceable to 3152A	S2-NA700842
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
P	ICP Assay	3139a	060717
P	Acidimetric	84L	84L
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Sr	EDTA	928	928
Sr	ICP Assay	Traceable to 3153a	K2-SR650985
Tl	ICP Assay	3158	151215
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{\text{CRM/RM}}$, where two or more methods of characterization are used is the weighted mean of the results:

$$X_{\text{CRM/RM}} = \sum (w_i) (X_i)$$

X_i = mean of Assay Method i with standard uncertainty $u_{\text{char } i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$$w_i = (1/u_{\text{char } i}^2) / (\sum (1/u_{\text{char } i}^2))$$

$$\text{CRM/RM Expanded Uncertainty (z)} = U_{\text{CRM/RM}} = k (u_{\text{char}}^2 + u_{\text{bb}}^2 + u_{\text{ts}}^2 + u_{\text{ts}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char}} = [\sum ((w_i)^2 (u_{\text{char } i})^2)]^{1/2}$ where $u_{\text{char } i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{\text{CRM/RM}}$, where one method of characterization is used is the mean of individual results:

$$X_{\text{CRM/RM}} = (X_a) (u_{\text{char } a})$$

X_a = mean of Assay Method A with

$u_{\text{char } a}$ = the standard uncertainty of characterization Method A

$$\text{CRM/RM Expanded Uncertainty (z)} = U_{\text{CRM/RM}} = k (u_{\text{char } a}^2 + u_{\text{bb}}^2 + u_{\text{ts}}^2 + u_{\text{ts}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char } a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit www.inorganicventures.com/TCT

Low Silver Note: This solution contains "LOW" levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; info@inorganicventures.com; inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

August 30, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- August 30, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director





Refine your results. Redefine your industry.

RD:05/14/2024

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).



2.0 PRODUCT DESCRIPTION

Product Code: Multi Analyte Custom Grade Solution
Catalog Number: WW-LFS-2
Lot Number: U2-MEB731108
Matrix: 5% (v/v) HNO₃
tr. HF
Value / Analyte(s):
200 µg/mL ea:
Silica,
80 µg/mL ea:
Antimony,
70 µg/mL ea:
Tin,
40 µg/mL ea:
Molybdenum,
20 µg/mL ea:
Titanium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	80.1 ± 0.6 µg/mL	Molybdenum, Mo	40.03 ± 0.18 µg/mL
Silica, SiO ₂	200.2 ± 1.3 µg/mL	Tin, Sn	70.0 ± 0.4 µg/mL
Titanium, Ti	20.01 ± 0.13 µg/mL		

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Mo	ICP Assay	3134	130418
Mo	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
SiO ₂	ICP Assay	3150	130912
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	3162a	130925
Ti	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{\text{CRM/RM}}$, where two or more methods of characterization are used is the weighted mean of the results:

$$X_{\text{CRM/RM}} = \sum (w_i) (X_i)$$

X_i = mean of Assay Method i with standard uncertainty $u_{\text{char } i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$$w_i = (1/u_{\text{char } i})^2 / (\sum (1/u_{\text{char } i})^2)$$

$$\text{CRM/RM Expanded Uncertainty } (z) = U_{\text{CRM/RM}} = k (u_{\text{char}}^2 + u_{\text{bb}}^2 + u_{\text{ITS}}^2 + u_{\text{TS}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char}} = [\sum (w_i)^2 (u_{\text{char } i})^2]^{1/2}$ where $u_{\text{char } i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ITS} = long term stability standard uncertainty (storage)

u_{TS} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{\text{CRM/RM}}$, where one method of characterization is used is the mean of individual results:

$$X_{\text{CRM/RM}} = (X_a) (u_{\text{char } a})$$

X_a = mean of Assay Method A with

$u_{\text{char } a}$ = the standard uncertainty of characterization Method A

$$\text{CRM/RM Expanded Uncertainty } (z) = U_{\text{CRM/RM}} = k (u_{\text{char } a}^2 + u_{\text{bb}}^2 + u_{\text{ITS}}^2 + u_{\text{TS}}^2)^{1/2}$$

k = coverage factor = 2

$u_{\text{char } a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{ITS} = long term stability standard uncertainty (storage)

u_{TS} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, <https://www.inorganicventures.com/terms-and-conditions-sale>. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit www.inorganicventures.com/TCT

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; info@inorganicventures.com;

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

March 17, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **March 17, 2028**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



300 Technology Drive
 Christiansburg, VA 24073 USA
 inorganicventures.com

MS062
 MS063
 MB

P: 800-669-6799/540-585-3030
 F: 540-585-3012
 info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).



2.0 PRODUCT DESCRIPTION

Product Code: Single Analyte Mass Spec Solution
 Catalog Number: MSHG-10PPM
 Lot Number: S2-HG709270
 Matrix: 10% (v/v) HCl
 Value / Analyte(s): 10 µg/mL ea:
 Mercury
 Starting Material: Hg metal
 Starting Material Lot#: 1959
 Starting Material Purity: 99.9994%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 10.001 ± 0.053 µg/mL
Density: 1.020 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Hg	ICP Assay	3133	160921
Hg	EDTA	928	928
Hg	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$$X_{CRM/RM} = \sum (w_i) (X_i)$$

X_i = mean of Assay Method i with standard uncertainty $u_{char i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$$w_i = (1/u_{char i}^2) / (\sum (1/(u_{char i}^2)))$$

$$CRM/RM \text{ Expanded Uncertainty } (\pm) = U_{CRM/RM} = k (u_{char}^2 + u_{bb}^2 + u_{lts}^2 + u_{ts}^2)^{1/2}$$

k = coverage factor = 2

$u_{char} = [\sum ((w_i)^2 (u_{char i}^2))]^{1/2}$ where $u_{char i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$$X_{CRM/RM} = (X_a) (u_{char a})$$

X_a = mean of Assay Method A with

$u_{char a}$ = the standard uncertainty of characterization Method A

$$CRM/RM \text{ Expanded Uncertainty } (\pm) = U_{CRM/RM} = k (u_{char a}^2 + u_{bb}^2 + u_{lts}^2 + u_{ts}^2)^{1/2}$$

k = coverage factor = 2

$u_{char a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

O	Ag	0.000011	M	Eu	<	0.000201	O	Na	0.000004	M	Se	<	0.015915	O	Zn	<	0.001510
O	Al	0.000001	O	Fe	0.000001	M	Nb	<	0.000201	O	Si	0.000005	M	Zr	<	0.000201	
M	As	<	0.000402	M	Ga	<	0.000201	M	Nd	<	0.000201	M	Sm	<	0.000201		
M	Au	<	0.003631	M	Gd	<	0.000201	M	Ni	<	0.000402	M	Sn	<	0.001007		
M	B	<	0.001208	M	Ge	<	0.000201	M	Os	<	0.000605	M	Sr	<	0.000201		
M	Ba	<	0.000201	M	Hf	<	0.000201	O	P	<	0.032370	M	Ta	<	0.000201		
M	Be	<	0.000201	s	Hg	<		M	Pb	<	0.000201	M	Tb	<	0.000201		
M	Bi	<	0.000201	M	Ho	<	0.000201	M	Pd	<	0.000403	M	Te	<	0.002216		
O	Ca	0.000007	M	In	<	0.000201	M	Pr	<	0.000201	M	Th	<	0.000201			
M	Cd	<	0.000201	M	Ir	<	0.000201	M	Pt	<	0.000402	M	Ti	<	0.000402		
M	Ce	<	0.000201	O	K	0.000020	M	Rb	<	0.000201	O	Tl	<	0.016508			
M	Co	<	0.000201	M	La	<	0.000201	M	Re	<	0.000201	M	Tm	<	0.000201		
O	Cr	<	0.003021	O	Li	<	0.000107	M	Rh	<	0.000201	M	U	<	0.008058		
M	Cs	<	0.001208	M	Lu	<	0.000201	M	Ru	<	0.000201	M	V	<	0.000201		
M	Cu	<	0.000402	O	Mg	0.000001	O	S	<	0.053950	M	W	<	0.000604			
M	Dy	<	0.000201	M	Mn	<	0.000604	M	Sb	<	0.001208	M	Y	<	0.000201		
M	Er	<	0.000201	M	Mo	0.000009	M	Sc	<	0.000201	M	Yb	<	0.000201			

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit www.inorganicventures.com/TCT

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 200.59 +2 4 Hg(OH)(aq) 1+

Chemical Compatibility - Stable in HNO₃. Avoid basic media forming insoluble carbonate. The sulfide, basic carbonate, oxalate, phosphate, arsenite, arsenate and iodide are insoluble in water.

Stability - 2-100 ppb levels not stable in 1% HNO₃ / LDPE container, stable in 10% HNO₃ packaged in borosilicate glass. 1-100 ppm levels stable in 7% HNO₃ packaged in borosilicate glass. 1000-10,000 ppm solutions are chemically stable for years in 5-10% HNO₃ / LDPE container.

Hg Containing Samples (Preparation and Solution) - Metal (soluble in HNO₃); Oxide (Soluble in HNO₃); Ores and Organic based (The literature has more references to the preparation of Hg containing samples than any other element. Please consult the literature for your specific sample type, since such preparations are prone to error. Or e-mail our technical staff and we will contact you to discuss your particular sample preparation questions in further detail.).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 202 amu	9 ppt	n/a	186W16O
ICP-OES 184.950 nm	0.03 / 0.005 µg/mL	1	
ICP-OES 194.227 nm	0.03 / 0.005 µg/mL	1	V
ICP-OES 253.652 nm	0.1 / 0.03 µg/mL	1	Ta, Co, Th ,Rh , Fe, U

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va, 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 22, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **September 22, 2026**

- The date after which this CRM/RM should not be used.
- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director





QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
"An ISO 9001:2015 Certified Program"

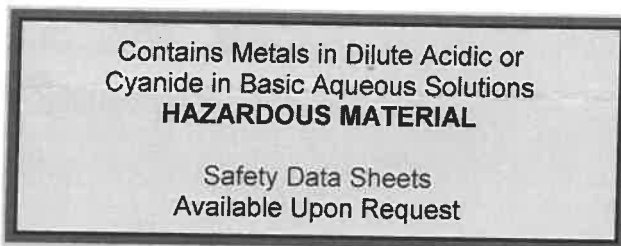
Instructions for QATS Reference Material: *Inorganic ICV Solutions*

QATS LABORATORY INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.



15528-32
MS

(A) SAMPLE DESCRIPTION

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) BREAKAGE OR MISSING ITEMS

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) ANALYSIS OF SAMPLES

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in $\mu\text{g/L}$ (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.





QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
"An ISO 9001:2015 Certified Program"

Instructions for QATS Reference Material: *Inorganic ICV Solutions*

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) K₂Cr₂O₇ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from K₃Fe(CN)₆, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS

ICV1-1014		
Element	Concentration (µg/L) (after 10-fold dilution)	Concentration (µg/L) (after 50-fold dilution)
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	Concentration (µg/L) (after 100-fold dilution)	Analyte	Concentration (µg/L) (after 100-fold dilution)
Hg	4.0	CN ⁻	99



MATERIAL CERTIFICATE OF COMPLIANCE

DATE: JUNE 12, 2023

CUSTOMER: PCI SCIENTIFIC SUPPLY, INC

PURCHASE ORDER NO. 6054931

CATALOG NO. BOI5021-450L

PRODUCT DESCRIPTION: BOILING STONES, TFE, 454GMS

QUANTITY: 10 EACH

LOT NO. W126678

SPECIFICATION (S): Made from Virgin PTFE Resin

We certify that we have complied with the terms and conditions of the above Purchase Order and the Part Specifications in the manufacturing of the above product.



Laura Valencia
Quality Assurance Inspector

F:\J:\LCP\PCISCI\COC-55118-BOI5021-061223

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™



R → 16/13/24
Met dig

M 6121

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.190
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	1
ACS - Free Chlorine (as Cl ₂)	<= 0.5 ppm	< 0.5
Phosphate (PO ₄)	<= 0.05 ppm	< 0.03
Sulfate (SO ₄)	<= 0.5 ppm	< 0.3
Sulfite (SO ₃)	<= 0.8 ppm	0.3
Ammonium (NH ₄)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	< 0.2
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	29.7
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9530-33
Batch No.: 0000275677

Test	Specification	Result
Trace Impurities – Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities – Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities – Iron (Fe)	<= 15.0 ppb	< 1
Trace Impurities – Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities – Lithium (Li)	<= 1.0 ppb	0.2
Trace Impurities – Magnesium (Mg)	<= 10.0 ppb	0.4
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	0.1
Trace Impurities – Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities – Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities – Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities – Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities – Selenium (Se), For Information Only	ppb	1.0
Trace Impurities – Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities – Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities – Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities – Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities – Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities – Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities – Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities – Titanium (Ti)	<= 1.0 ppb	0.2
Trace Impurities – Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities – Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities – Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use

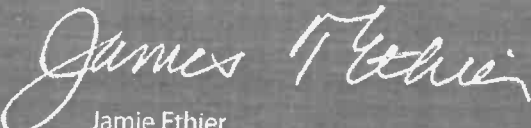
Product Information (not specifications):

Appearance (clear, fuming liquid)

Meets ACS Specifications

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

M612 S

Receive → 11/22/24

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

Office and Plant
299 Cedar Lane
Fairless Hills, PA 19030

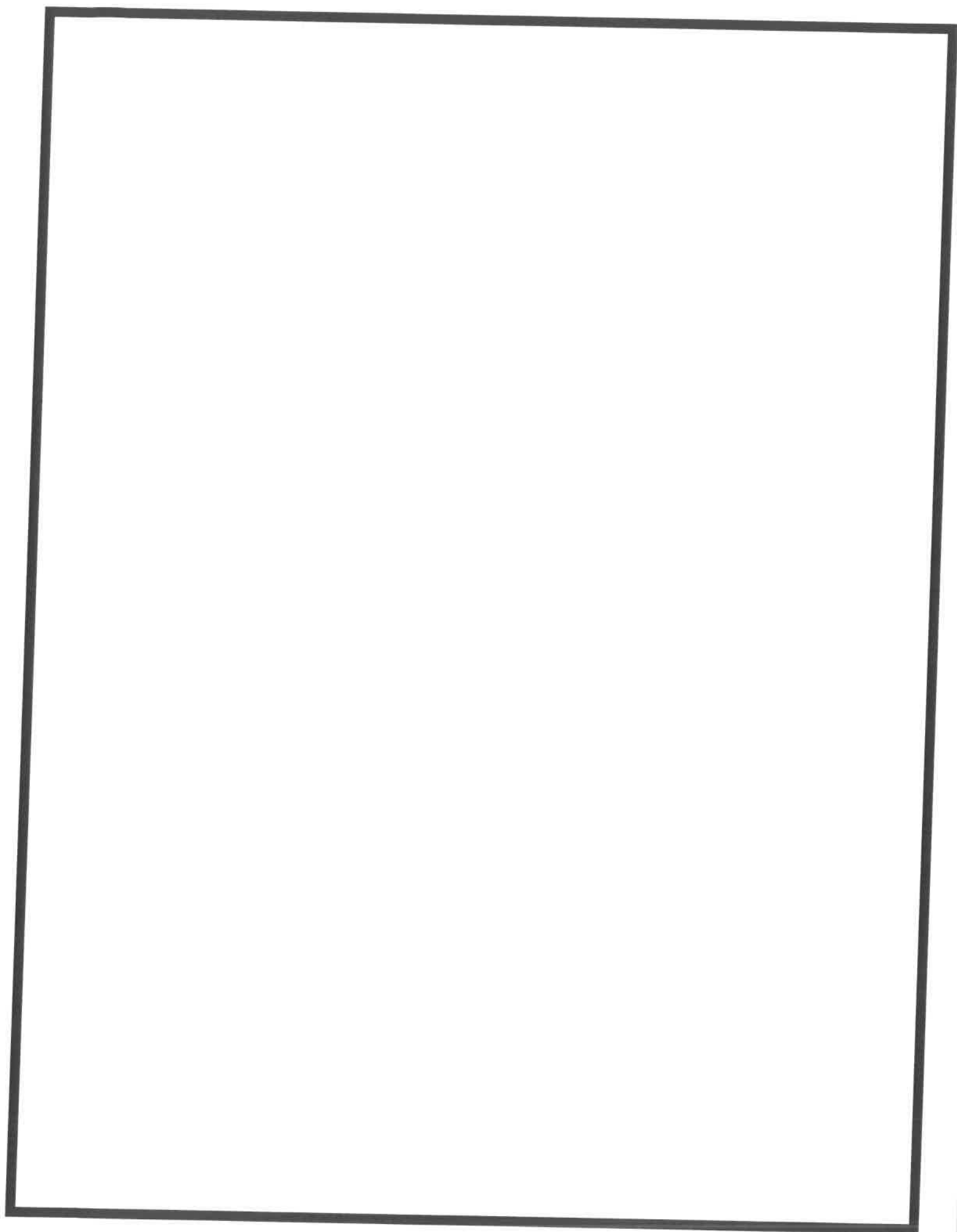
Phone: 215-295-5006
Fax: 215-295-0781

Hydrogen Peroxide 30%, ACS Reagent Grade

SPECIFICATION

MAXIMUM LIMITS

Appearance	Colorless and free from suspended matter or sediment
Assay	29-32%
Color (APHA)	10
Residue after Evaporation	0.002%
Titratable Acid	0.0006 meq/g
Chloride (Cl)	3 ppm
Nitrate (NO ₃)	2 ppm
Phosphate	2 ppm
Sulfate (SO ₄)	5 ppm
Ammonium (NH ₄)	5 ppm
Heavy Metals (as Pb)	1 ppm
Iron (Fe)	0.5 ppm



Nitric Acid 69%
CMOS



R → 11/12/24

M6126

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO ₃)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO ₄)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO ₄)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

 **avantor**TM



Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
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For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

 **avantor™**



M6151

R → 11/15/25

Material No.: 9530-33
Batch No.: 22G2862015
Manufactured Date: 2022-06-15
Retest Date: 2027-06-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid–base titrn)	36.5 – 38.0 %	37.9 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.191
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl ₂)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.03 ppm
Sulfate (SO ₄)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO ₃)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH ₄)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	1.3 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	163.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.7 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	0.6 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	6 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

 **avantorsm**



Material No.: 9530-33
Batch No.: 22G2862015

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.9 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	0.8 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 2.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.3 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	1.6 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	4.0 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	1.5 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	0.3 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA–ANALYZED® Reagent
For Trace Metal Analysis



Material No.: 9530-33
Batch No.: 22G2862015

Test	Specification	Result
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For Laboratory, Research, or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

A handwritten signature in cursive script that reads 'Jamie Ethier'.
Jamie Ethier
Vice President Global Quality



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: G-Environmental
ADDRESS: 8 Carriage
CITY: Shrewsbury STATE: NJ ZIP: 08876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Nekun
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail: gary@g-environmental.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G-Environmental PO#:
ADDRESS: 8 Carriage
CITY: Shrewsbury STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5-day 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 has site

1. EPH 2. VOC 3. BTEX 4. PCBs 5. KRA 6. Cyanide 7. TAL metals 8. TCEP metals 9. paint filter 10. pH 11. Isotopes

ANALYSIS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	WEL	Soil	X		2/23/15	1600	2	X	X	X	X	X	X	X	X	X		
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>21</u> °C
1. <u>AKA</u>	<u>2/26/15</u>	1. <u>OK</u>	Comments: <u>Waste Class</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO



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

Laboratory Certification

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1447 GENV01

Order Date : 2/26/2025 2:32:53 PM

Project Mgr :

Client Name : G Environmental

Project Name : Nelson

Report Type : Levelt NJ Reduce

Client Contact : Gary Landis

Receive DateTime : 2/26/2025 2:15:00 PM

EDD Type : Excel NJ

Invoice Name : G Environmental

Purchase Order :

Hard Copy Date :

Invoice Contact : Gary Landis

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1447-01	WC1	Solid	02/23/2025	16:00					

VOC-TCLVOA-10

8260D

5
~~10~~ Bus. Days

Relinquished By :

Date / Time :

2-26-25 15:05

Received By :

Date / Time :

2/26/25 15:05 Ng #6
F22

Storage Area : VOA Refridgerator Room