

Cover Page

Order ID : Q2489

Project ID : Construction of Shafts 17B-18B - PN 220084

Client : Walsh Construction Company II, LLC

Lab Sample Number	Client Sample Number
Q2489-01	G4(0-6)
Q2489-02	G4(6-12)
Q2489-03	G3(0-6)
Q2489-04	G3(6-12)
Q2489-05	G2(0-6)
Q2489-06	G2(6-12)
Q2489-07	G1(0-6)
Q2489-08	G1(6-12)

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: 7/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- INORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2489

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 07/17/2025

LAB CHRONICLE

OrderID:	Q2489	OrderDate:	7/2/2025 11:52:00 AM
Client:	Walsh Construction Company II, LLC	Project:	Construction of Shafts 17B-18B - PN 220084
Contact:	Jesse A. Sylvestri	Location:	--Select--

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2489-01	G4(0-6)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	
Q2489-02	G4(6-12)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	
Q2489-03	G3(0-6)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	
Q2489-04	G3(6-12)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	
Q2489-05	G2(0-6)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	
Q2489-06	G2(6-12)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	
Q2489-07	G1(0-6)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	
Q2489-08	G1(6-12)	Water	SPLP ICP Metals	6010D	07/01/25	07/09/25	07/17/25	07/01/25
			SPLP Mercury	7470A		07/10/25	07/11/25	

Hit Summary Sheet SW-846

SDG No.: Q2489

Order ID: Q2489

Client: Walsh Construction Company II, LLC

Project ID: Construction of Shafts 17B-18B - PN 2200

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : G4(0-6)								
Q2489-01	G4(0-6)	Water	Aluminum	145		5.67	50.0	ug/L
Q2489-01	G4(0-6)	Water	Antimony	7.67	J	3.38	25.0	ug/L
Q2489-01	G4(0-6)	Water	Barium	65.4		7.28	50.0	ug/L
Q2489-01	G4(0-6)	Water	Boron	74.2		7.85	50.0	ug/L
Q2489-01	G4(0-6)	Water	Cadmium	1.27	J	0.25	3.00	ug/L
Q2489-01	G4(0-6)	Water	Calcium	610000		117	1000	ug/L
Q2489-01	G4(0-6)	Water	Chromium	2.80	J	1.06	5.00	ug/L
Q2489-01	G4(0-6)	Water	Cobalt	1.28	J	1.13	15.0	ug/L
Q2489-01	G4(0-6)	Water	Copper	19.3		2.30	10.0	ug/L
Q2489-01	G4(0-6)	Water	Iron	27.8	J	11.7	50.0	ug/L
Q2489-01	G4(0-6)	Water	Lead	8.88		1.15	6.00	ug/L
Q2489-01	G4(0-6)	Water	Magnesium	13000		122	1000	ug/L
Q2489-01	G4(0-6)	Water	Manganese	369		2.97	10.0	ug/L
Q2489-01	G4(0-6)	Water	Nickel	8.31	J	1.53	20.0	ug/L
Q2489-01	G4(0-6)	Water	Potassium	5690		459	1000	ug/L
Q2489-01	G4(0-6)	Water	Sodium	20600		434	1000	ug/L
Q2489-01	G4(0-6)	Water	Strontium	2580		2.32	10.0	ug/L
Q2489-01	G4(0-6)	Water	Lithium	74.3		7.80	10.0	ug/L
Q2489-01	G4(0-6)	Water	Zinc	225		8.33	20.0	ug/L
Client ID : G4(6-12)								
Q2489-02	G4(6-12)	Water	Aluminum	106		5.67	50.0	ug/L
Q2489-02	G4(6-12)	Water	Barium	149		7.28	50.0	ug/L
Q2489-02	G4(6-12)	Water	Beryllium	0.73	J	0.28	3.00	ug/L
Q2489-02	G4(6-12)	Water	Boron	198		7.85	50.0	ug/L
Q2489-02	G4(6-12)	Water	Calcium	180000		117	1000	ug/L
Q2489-02	G4(6-12)	Water	Cobalt	27.3		1.13	15.0	ug/L
Q2489-02	G4(6-12)	Water	Copper	2.42	J	2.30	10.0	ug/L
Q2489-02	G4(6-12)	Water	Iron	63900		11.7	50.0	ug/L
Q2489-02	G4(6-12)	Water	Magnesium	16500		122	1000	ug/L
Q2489-02	G4(6-12)	Water	Manganese	3250		2.97	10.0	ug/L
Q2489-02	G4(6-12)	Water	Mercury	3.02		0.076	0.20	ug/L
Q2489-02	G4(6-12)	Water	Nickel	28.9		1.53	20.0	ug/L
Q2489-02	G4(6-12)	Water	Potassium	2800		459	1000	ug/L
Q2489-02	G4(6-12)	Water	Silver	1.42	J	0.81	5.00	ug/L
Q2489-02	G4(6-12)	Water	Sodium	9840		434	1000	ug/L
Q2489-02	G4(6-12)	Water	Strontium	795		2.32	10.0	ug/L
Q2489-02	G4(6-12)	Water	Lithium	10.4		7.80	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.:	Q2489	Order ID:	Q2489
Client:	Walsh Construction Company II, LLC	Project ID:	Construction of Shafts 17B-18B - PN 22004

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2489-02	G4(6-12)	Water	Zinc	1510		8.33	20.0	ug/L
Client ID : G3(0-6)								
Q2489-03	G3(0-6)	Water	Aluminum	166		5.67	50.0	ug/L
Q2489-03	G3(0-6)	Water	Antimony	49.8		3.38	25.0	ug/L
Q2489-03	G3(0-6)	Water	Barium	86.0		7.28	50.0	ug/L
Q2489-03	G3(0-6)	Water	Boron	146		7.85	50.0	ug/L
Q2489-03	G3(0-6)	Water	Cadmium	1.59	J	0.25	3.00	ug/L
Q2489-03	G3(0-6)	Water	Calcium	382000		117	1000	ug/L
Q2489-03	G3(0-6)	Water	Copper	17.2		2.30	10.0	ug/L
Q2489-03	G3(0-6)	Water	Iron	25.9	J	11.7	50.0	ug/L
Q2489-03	G3(0-6)	Water	Lead	54.4		1.15	6.00	ug/L
Q2489-03	G3(0-6)	Water	Magnesium	15800		122	1000	ug/L
Q2489-03	G3(0-6)	Water	Manganese	195		2.97	10.0	ug/L
Q2489-03	G3(0-6)	Water	Nickel	7.67	J	1.53	20.0	ug/L
Q2489-03	G3(0-6)	Water	Potassium	8620		459	1000	ug/L
Q2489-03	G3(0-6)	Water	Sodium	48200		434	1000	ug/L
Q2489-03	G3(0-6)	Water	Strontium	1390		2.32	10.0	ug/L
Q2489-03	G3(0-6)	Water	Lithium	55.6		7.80	10.0	ug/L
Q2489-03	G3(0-6)	Water	Zinc	158		8.33	20.0	ug/L
Client ID : G3(6-12)								
Q2489-04	G3(6-12)	Water	Aluminum	386		5.67	50.0	ug/L
Q2489-04	G3(6-12)	Water	Arsenic	10.4		2.56	10.0	ug/L
Q2489-04	G3(6-12)	Water	Barium	195		7.28	50.0	ug/L
Q2489-04	G3(6-12)	Water	Beryllium	0.37	J	0.28	3.00	ug/L
Q2489-04	G3(6-12)	Water	Boron	135		7.85	50.0	ug/L
Q2489-04	G3(6-12)	Water	Cadmium	0.95	J	0.25	3.00	ug/L
Q2489-04	G3(6-12)	Water	Calcium	162000		117	1000	ug/L
Q2489-04	G3(6-12)	Water	Cobalt	45.1		1.13	15.0	ug/L
Q2489-04	G3(6-12)	Water	Copper	13.1		2.30	10.0	ug/L
Q2489-04	G3(6-12)	Water	Iron	33500		11.7	50.0	ug/L
Q2489-04	G3(6-12)	Water	Lead	33.6		1.15	6.00	ug/L
Q2489-04	G3(6-12)	Water	Magnesium	17800		122	1000	ug/L
Q2489-04	G3(6-12)	Water	Manganese	5580		2.97	10.0	ug/L
Q2489-04	G3(6-12)	Water	Mercury	0.40		0.076	0.20	ug/L
Q2489-04	G3(6-12)	Water	Nickel	47.1		1.53	20.0	ug/L
Q2489-04	G3(6-12)	Water	Potassium	3470		459	1000	ug/L
Q2489-04	G3(6-12)	Water	Silver	1.74	J	0.81	5.00	ug/L
Q2489-04	G3(6-12)	Water	Sodium	4420		434	1000	ug/L
Q2489-04	G3(6-12)	Water	Strontium	572		2.32	10.0	ug/L

Hit Summary Sheet
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SDG No.: Q2489

Order ID: Q2489

Client: Walsh Construction Company II, LLC

Project ID: Construction of Shafts 17B-18B - PN 22004

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2489-04	G3(6-12)	Water	Lithium	14.1		7.80	10.0	ug/L
Q2489-04	G3(6-12)	Water	Zinc	1730		8.33	20.0	ug/L
Client ID : G2(0-6)								
Q2489-05	G2(0-6)	Water	Aluminum	136		5.67	50.0	ug/L
Q2489-05	G2(0-6)	Water	Antimony	11.1	J	3.38	25.0	ug/L
Q2489-05	G2(0-6)	Water	Barium	74.0		7.28	50.0	ug/L
Q2489-05	G2(0-6)	Water	Boron	83.4		7.85	50.0	ug/L
Q2489-05	G2(0-6)	Water	Cadmium	0.97	J	0.25	3.00	ug/L
Q2489-05	G2(0-6)	Water	Calcium	339000		117	1000	ug/L
Q2489-05	G2(0-6)	Water	Copper	14.1		2.30	10.0	ug/L
Q2489-05	G2(0-6)	Water	Iron	13.8	J	11.7	50.0	ug/L
Q2489-05	G2(0-6)	Water	Lead	20.2		1.15	6.00	ug/L
Q2489-05	G2(0-6)	Water	Magnesium	9590		122	1000	ug/L
Q2489-05	G2(0-6)	Water	Manganese	246		2.97	10.0	ug/L
Q2489-05	G2(0-6)	Water	Nickel	6.03	J	1.53	20.0	ug/L
Q2489-05	G2(0-6)	Water	Potassium	6990		459	1000	ug/L
Q2489-05	G2(0-6)	Water	Sodium	35400		434	1000	ug/L
Q2489-05	G2(0-6)	Water	Strontium	1150		2.32	10.0	ug/L
Q2489-05	G2(0-6)	Water	Lithium	42.0		7.80	10.0	ug/L
Q2489-05	G2(0-6)	Water	Zinc	133		8.33	20.0	ug/L
Client ID : G2(6-12)								
Q2489-06	G2(6-12)	Water	Aluminum	133		5.67	50.0	ug/L
Q2489-06	G2(6-12)	Water	Antimony	6.09	J	3.38	25.0	ug/L
Q2489-06	G2(6-12)	Water	Barium	135		7.28	50.0	ug/L
Q2489-06	G2(6-12)	Water	Boron	149		7.85	50.0	ug/L
Q2489-06	G2(6-12)	Water	Calcium	309000		117	1000	ug/L
Q2489-06	G2(6-12)	Water	Cobalt	8.71	J	1.13	15.0	ug/L
Q2489-06	G2(6-12)	Water	Lead	1.16	J	1.15	6.00	ug/L
Q2489-06	G2(6-12)	Water	Magnesium	14300		122	1000	ug/L
Q2489-06	G2(6-12)	Water	Manganese	1340		2.97	10.0	ug/L
Q2489-06	G2(6-12)	Water	Nickel	7.33	J	1.53	20.0	ug/L
Q2489-06	G2(6-12)	Water	Potassium	3710		459	1000	ug/L
Q2489-06	G2(6-12)	Water	Sodium	15700		434	1000	ug/L
Q2489-06	G2(6-12)	Water	Strontium	1220		2.32	10.0	ug/L
Q2489-06	G2(6-12)	Water	Lithium	35.8		7.80	10.0	ug/L
Q2489-06	G2(6-12)	Water	Zinc	252		8.33	20.0	ug/L
Client ID : G1(0-6)								
Q2489-07	G1(0-6)	Water	Aluminum	152		5.67	50.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q2489

Order ID: Q2489

Client: Walsh Construction Company II, LLC

Project ID: Construction of Shafts 17B-18B - PN 22004

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q2489-07	G1(0-6)	Water	Antimony	6.15	J	3.38	25.0	ug/L
Q2489-07	G1(0-6)	Water	Barium	110		7.28	50.0	ug/L
Q2489-07	G1(0-6)	Water	Boron	67.3		7.85	50.0	ug/L
Q2489-07	G1(0-6)	Water	Cadmium	2.86	J	0.25	3.00	ug/L
Q2489-07	G1(0-6)	Water	Calcium	294000		117	1000	ug/L
Q2489-07	G1(0-6)	Water	Cobalt	5.41	J	1.13	15.0	ug/L
Q2489-07	G1(0-6)	Water	Copper	20.8		2.30	10.0	ug/L
Q2489-07	G1(0-6)	Water	Iron	37.9	J	11.7	50.0	ug/L
Q2489-07	G1(0-6)	Water	Lead	10.7		1.15	6.00	ug/L
Q2489-07	G1(0-6)	Water	Magnesium	9070		122	1000	ug/L
Q2489-07	G1(0-6)	Water	Manganese	837		2.97	10.0	ug/L
Q2489-07	G1(0-6)	Water	Nickel	8.33	J	1.53	20.0	ug/L
Q2489-07	G1(0-6)	Water	Potassium	5510		459	1000	ug/L
Q2489-07	G1(0-6)	Water	Sodium	16400		434	1000	ug/L
Q2489-07	G1(0-6)	Water	Strontium	1150		2.32	10.0	ug/L
Q2489-07	G1(0-6)	Water	Lithium	31.6		7.80	10.0	ug/L
Q2489-07	G1(0-6)	Water	Vanadium	4.90	J	3.13	20.0	ug/L
Q2489-07	G1(0-6)	Water	Zinc	381		8.33	20.0	ug/L
Client ID : G1(6-12)								
Q2489-08	G1(6-12)	Water	Aluminum	153		5.67	50.0	ug/L
Q2489-08	G1(6-12)	Water	Barium	117		7.28	50.0	ug/L
Q2489-08	G1(6-12)	Water	Boron	77.1		7.85	50.0	ug/L
Q2489-08	G1(6-12)	Water	Calcium	270000		117	1000	ug/L
Q2489-08	G1(6-12)	Water	Cobalt	12.2	J	1.13	15.0	ug/L
Q2489-08	G1(6-12)	Water	Iron	66.3		11.7	50.0	ug/L
Q2489-08	G1(6-12)	Water	Lead	2.49	J	1.15	6.00	ug/L
Q2489-08	G1(6-12)	Water	Magnesium	10100		122	1000	ug/L
Q2489-08	G1(6-12)	Water	Manganese	1060		2.97	10.0	ug/L
Q2489-08	G1(6-12)	Water	Nickel	9.04	J	1.53	20.0	ug/L
Q2489-08	G1(6-12)	Water	Potassium	3730		459	1000	ug/L
Q2489-08	G1(6-12)	Water	Sodium	11700		434	1000	ug/L
Q2489-08	G1(6-12)	Water	Strontium	1080		2.32	10.0	ug/L
Q2489-08	G1(6-12)	Water	Lithium	29.2		7.80	10.0	ug/L
Q2489-08	G1(6-12)	Water	Zinc	451		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	145		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-36-0	Antimony	7.67	J	1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-39-3	Barium	65.4		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-42-8	Boron	74.2		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-43-9	Cadmium	1.27	J	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-70-2	Calcium	610000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-47-3	Chromium	2.80	J	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-48-4	Cobalt	1.28	J	1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-50-8	Copper	19.3		1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7439-89-6	Iron	27.8	J	1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7439-92-1	Lead	8.88		1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7439-93-2	Lithium	74.3		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7439-95-4	Magnesium	13000		1	122	1000	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7439-96-5	Manganese	369		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 10:55	7470A	
7440-02-0	Nickel	8.31	J	1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-09-7	Potassium	5690	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-23-5	Sodium	20600		1	434	1000	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-24-6	Strontium	2580		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010
7440-66-6	Zinc	225		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 01:35	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	106		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-39-3	Barium	149		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-41-7	Beryllium	0.73	J	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-42-8	Boron	198		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-70-2	Calcium	180000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-48-4	Cobalt	27.3		1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-50-8	Copper	2.42	J	1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7439-89-6	Iron	63900		1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7439-92-1	Lead	1.15	U	1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7439-93-2	Lithium	10.4		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7439-95-4	Magnesium	16500		1	122	1000	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7439-96-5	Manganese	3250		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7439-97-6	Mercury	3.02		1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 11:04	7470A	
7440-02-0	Nickel	28.9		1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-09-7	Potassium	2800	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-22-4	Silver	1.42	JN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-23-5	Sodium	9840		1	434	1000	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-24-6	Strontium	795		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010
7440-66-6	Zinc	1510		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 02:01	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	166		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-36-0	Antimony	49.8		1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-39-3	Barium	86.0		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-42-8	Boron	146		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-43-9	Cadmium	1.59	J	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-70-2	Calcium	382000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-50-8	Copper	17.2		1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7439-89-6	Iron	25.9	J	1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7439-92-1	Lead	54.4		1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7439-93-2	Lithium	55.6		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7439-95-4	Magnesium	15800		1	122	1000	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7439-96-5	Manganese	195		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 11:11	7470A	
7440-02-0	Nickel	7.67	J	1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-09-7	Potassium	8620	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-23-5	Sodium	48200		1	434	1000	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-24-6	Strontium	1390		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010
7440-66-6	Zinc	158		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 02:13	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	386		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-38-2	Arsenic	10.4		1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-39-3	Barium	195		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-41-7	Beryllium	0.37	J	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-42-8	Boron	135		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-43-9	Cadmium	0.95	J	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-70-2	Calcium	162000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-48-4	Cobalt	45.1		1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-50-8	Copper	13.1		1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7439-89-6	Iron	33500		1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7439-92-1	Lead	33.6		1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7439-93-2	Lithium	14.1		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7439-95-4	Magnesium	17800		1	122	1000	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7439-96-5	Manganese	5580		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7439-97-6	Mercury	0.40		1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 11:14	7470A	
7440-02-0	Nickel	47.1		1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-09-7	Potassium	3470	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-22-4	Silver	1.74	JN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-23-5	Sodium	4420		1	434	1000	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-24-6	Strontium	572		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010
7440-66-6	Zinc	1730		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 02:18	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	136		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-36-0	Antimony	11.1	J	1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-39-3	Barium	74.0		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-42-8	Boron	83.4		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-43-9	Cadmium	0.97	J	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-70-2	Calcium	339000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-48-4	Cobalt	1.13	U	1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-50-8	Copper	14.1		1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7439-89-6	Iron	13.8	J	1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7439-92-1	Lead	20.2		1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7439-93-2	Lithium	42.0		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7439-95-4	Magnesium	9590		1	122	1000	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7439-96-5	Manganese	246		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 11:16	7470A	
7440-02-0	Nickel	6.03	J	1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-09-7	Potassium	6990	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-23-5	Sodium	35400		1	434	1000	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-24-6	Strontium	1150		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010
7440-66-6	Zinc	133		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 02:22	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	133		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-36-0	Antimony	6.09	J	1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-39-3	Barium	135		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-42-8	Boron	149		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-70-2	Calcium	309000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-48-4	Cobalt	8.71	J	1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7439-89-6	Iron	11.7	U	1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7439-92-1	Lead	1.16	J	1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7439-93-2	Lithium	35.8		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7439-95-4	Magnesium	14300		1	122	1000	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7439-96-5	Manganese	1340		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 11:18	7470A	
7440-02-0	Nickel	7.33	J	1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-09-7	Potassium	3710	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-23-5	Sodium	15700		1	434	1000	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-24-6	Strontium	1220		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010
7440-66-6	Zinc	252		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 02:26	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-07	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	152		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-36-0	Antimony	6.15	J	1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-39-3	Barium	110		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-42-8	Boron	67.3		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-43-9	Cadmium	2.86	J	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-70-2	Calcium	294000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-48-4	Cobalt	5.41	J	1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-50-8	Copper	20.8		1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7439-89-6	Iron	37.9	J	1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7439-92-1	Lead	10.7		1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7439-93-2	Lithium	31.6		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7439-95-4	Magnesium	9070		1	122	1000	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7439-96-5	Manganese	837		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 11:21	7470A	
7440-02-0	Nickel	8.33	J	1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-09-7	Potassium	5510	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-23-5	Sodium	16400		1	434	1000	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-24-6	Strontium	1150		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-62-2	Vanadium	4.90	J	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010
7440-66-6	Zinc	381		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 02:31	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	153		1	5.67	50.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-39-3	Barium	117		1	7.28	50.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-42-8	Boron	77.1		1	7.85	50.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-70-2	Calcium	270000		1	117	1000	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-47-3	Chromium	1.06	U	1	1.06	5.00	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-48-4	Cobalt	12.2	J	1	1.13	15.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-50-8	Copper	2.30	U	1	2.30	10.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7439-89-6	Iron	66.3		1	11.7	50.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7439-92-1	Lead	2.49	J	1	1.15	6.00	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7439-93-2	Lithium	29.2		1	7.80	10.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7439-95-4	Magnesium	10100		1	122	1000	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7439-96-5	Manganese	1060		1	2.97	10.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7439-97-6	Mercury	0.076	U	1	0.076	0.20	ug/L	07/10/25 14:10	07/11/25 11:23	7470A	
7440-02-0	Nickel	9.04	J	1	1.53	20.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-09-7	Potassium	3730	N	1	459	1000	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-22-4	Silver	0.81	UN	1	0.81	5.00	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-23-5	Sodium	11700		1	434	1000	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-24-6	Strontium	1080		1	2.32	10.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-31-5	Tin	2.57	U	1	2.57	20.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-32-6	Titanium	3.21	U	1	3.21	20.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010
7440-66-6	Zinc	451		1	8.33	20.0	ug/L	07/09/25 13:30	07/17/25 02:35	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	SPLP-FULL			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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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.
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OR = Over Range
N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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
ICV24	Mercury	3.86	4.0	97	90 - 110	CV	07/11/2025	10:34	LB136435

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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
CCV78	Mercury	4.72	5.0	94	90 - 110	CV	07/11/2025	10:39	LB136435
CCV79	Mercury	4.81	5.0	96	90 - 110	CV	07/11/2025	11:07	LB136435
CCV80	Mercury	5.35	5.0	107	90 - 110	CV	07/11/2025	11:48	LB136435
CCV81	Mercury	5.16	5.0	103	90 - 110	CV	07/11/2025	12:09	LB136435
CCV82	Mercury	4.75	5.0	95	90 - 110	CV	07/11/2025	12:27	LB136435

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7800	8000	98	90 - 110	P	07/17/2025	00:31	LB136514
	Antimony	4130	4000	103	90 - 110	P	07/17/2025	00:31	LB136514
	Arsenic	3980	4000	100	90 - 110	P	07/17/2025	00:31	LB136514
	Barium	7770	8000	97	90 - 110	P	07/17/2025	00:31	LB136514
	Beryllium	195	200	98	90 - 110	P	07/17/2025	00:31	LB136514
	Boron	3800	4000	95	90 - 110	P	07/17/2025	00:31	LB136514
	Cadmium	1970	2000	98	90 - 110	P	07/17/2025	00:31	LB136514
	Calcium	19800	20000	99	90 - 110	P	07/17/2025	00:31	LB136514
	Chromium	771	800	96	90 - 110	P	07/17/2025	00:31	LB136514
	Cobalt	2000	2000	100	90 - 110	P	07/17/2025	00:31	LB136514
	Copper	1020	1000	102	90 - 110	P	07/17/2025	00:31	LB136514
	Iron	4010	4000	100	90 - 110	P	07/17/2025	00:31	LB136514
	Lead	3850	4000	96	90 - 110	P	07/17/2025	00:31	LB136514
	Lithium	4150	4000	104	90 - 110	P	07/17/2025	00:31	LB136514
	Magnesium	19400	20000	97	90 - 110	P	07/17/2025	00:31	LB136514
	Manganese	1980	2000	99	90 - 110	P	07/17/2025	00:31	LB136514
	Nickel	1990	2000	100	90 - 110	P	07/17/2025	00:31	LB136514
	Potassium	20100	20000	101	90 - 110	P	07/17/2025	00:31	LB136514
	Selenium	3990	4000	100	90 - 110	P	07/17/2025	00:31	LB136514
	Silver	979	1000	98	90 - 110	P	07/17/2025	00:31	LB136514
	Sodium	19800	20000	99	90 - 110	P	07/17/2025	00:31	LB136514
	Strontium	3970	4000	99	90 - 110	P	07/17/2025	00:31	LB136514
	Thallium	3830	4000	96	90 - 110	P	07/17/2025	00:31	LB136514
	Tin	3960	4000	99	90 - 110	P	07/17/2025	00:31	LB136514
	Titanium	3970	4000	99	90 - 110	P	07/17/2025	00:31	LB136514
	Vanadium	1950	2000	98	90 - 110	P	07/17/2025	00:31	LB136514
	Zinc	2010	2000	100	90 - 110	P	07/17/2025	00:31	LB136514

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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	106	100	106	80 - 120	P	07/17/2025	00:42	LB136514
	Antimony	54.3	50.0	109	80 - 120	P	07/17/2025	00:42	LB136514
	Arsenic	22.6	20.0	113	80 - 120	P	07/17/2025	00:42	LB136514
	Barium	106	100	106	80 - 120	P	07/17/2025	00:42	LB136514
	Beryllium	6.50	6.0	108	80 - 120	P	07/17/2025	00:42	LB136514
	Boron	114	100	114	80 - 120	P	07/17/2025	00:42	LB136514
	Cadmium	5.98	6.0	100	80 - 120	P	07/17/2025	00:42	LB136514
	Calcium	2180	2000	109	80 - 120	P	07/17/2025	00:42	LB136514
	Chromium	10.0	10.0	100	80 - 120	P	07/17/2025	00:42	LB136514
	Cobalt	30.7	30.0	102	80 - 120	P	07/17/2025	00:42	LB136514
	Copper	22.4	20.0	112	80 - 120	P	07/17/2025	00:42	LB136514
	Iron	109	100	109	80 - 120	P	07/17/2025	00:42	LB136514
	Lead	12.7	12.0	106	80 - 120	P	07/17/2025	00:42	LB136514
	Lithium	18.9	20.0	95	80 - 120	P	07/17/2025	00:42	LB136514
	Magnesium	2210	2000	110	80 - 120	P	07/17/2025	00:42	LB136514
	Manganese	22.1	20.0	111	80 - 120	P	07/17/2025	00:42	LB136514
	Nickel	41.5	40.0	104	80 - 120	P	07/17/2025	00:42	LB136514
	Potassium	2150	2000	107	80 - 120	P	07/17/2025	00:42	LB136514
	Selenium	21.0	20.0	105	80 - 120	P	07/17/2025	00:42	LB136514
	Silver	11.0	10.0	110	80 - 120	P	07/17/2025	00:42	LB136514
	Sodium	1730	2000	86	80 - 120	P	07/17/2025	00:42	LB136514
	Strontium	21.5	20.0	108	80 - 120	P	07/17/2025	00:42	LB136514
	Thallium	45.9	40.0	115	80 - 120	P	07/17/2025	00:42	LB136514
	Tin	40.0	40.0	100	80 - 120	P	07/17/2025	00:42	LB136514
	Titanium	42.5	40.0	106	80 - 120	P	07/17/2025	00:42	LB136514
	Vanadium	38.5	40.0	96	80 - 120	P	07/17/2025	00:42	LB136514
	Zinc	43.6	40.0	109	80 - 120	P	07/17/2025	00:42	LB136514

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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	9620	10000	96	90 - 110	P	07/17/2025	01:12	LB136514
	Antimony	4870	5000	97	90 - 110	P	07/17/2025	01:12	LB136514
	Arsenic	4820	5000	96	90 - 110	P	07/17/2025	01:12	LB136514
	Barium	9880	10000	99	90 - 110	P	07/17/2025	01:12	LB136514
	Beryllium	253	250	101	90 - 110	P	07/17/2025	01:12	LB136514
	Boron	5040	5000	101	90 - 110	P	07/17/2025	01:12	LB136514
	Cadmium	2330	2500	93	90 - 110	P	07/17/2025	01:12	LB136514
	Calcium	25100	25000	100	90 - 110	P	07/17/2025	01:12	LB136514
	Chromium	908	1000	91	90 - 110	P	07/17/2025	01:12	LB136514
	Cobalt	2350	2500	94	90 - 110	P	07/17/2025	01:12	LB136514
	Copper	1200	1250	96	90 - 110	P	07/17/2025	01:12	LB136514
	Iron	4580	5000	92	90 - 110	P	07/17/2025	01:12	LB136514
	Lead	4670	5000	93	90 - 110	P	07/17/2025	01:12	LB136514
	Lithium	4800	5000	96	90 - 110	P	07/17/2025	01:12	LB136514
	Magnesium	23400	25000	94	90 - 110	P	07/17/2025	01:12	LB136514
	Manganese	2450	2500	98	90 - 110	P	07/17/2025	01:12	LB136514
	Nickel	2350	2500	94	90 - 110	P	07/17/2025	01:12	LB136514
	Potassium	23600	25000	95	90 - 110	P	07/17/2025	01:12	LB136514
	Selenium	4840	5000	97	90 - 110	P	07/17/2025	01:12	LB136514
	Silver	1200	1250	96	90 - 110	P	07/17/2025	01:12	LB136514
	Sodium	22600	25000	91	90 - 110	P	07/17/2025	01:12	LB136514
	Strontium	5090	5000	102	90 - 110	P	07/17/2025	01:12	LB136514
	Thallium	4830	5000	97	90 - 110	P	07/17/2025	01:12	LB136514
	Tin	4690	5000	94	90 - 110	P	07/17/2025	01:12	LB136514
	Titanium	5010	5000	100	90 - 110	P	07/17/2025	01:12	LB136514
	Vanadium	2370	2500	95	90 - 110	P	07/17/2025	01:12	LB136514
	Zinc	2430	2500	97	90 - 110	P	07/17/2025	01:12	LB136514
CCV02	Aluminum	9750	10000	98	90 - 110	P	07/17/2025	02:05	LB136514
	Antimony	5050	5000	101	90 - 110	P	07/17/2025	02:05	LB136514
	Arsenic	4990	5000	100	90 - 110	P	07/17/2025	02:05	LB136514
	Barium	9850	10000	98	90 - 110	P	07/17/2025	02:05	LB136514
	Beryllium	241	250	96	90 - 110	P	07/17/2025	02:05	LB136514
	Boron	4810	5000	96	90 - 110	P	07/17/2025	02:05	LB136514
	Cadmium	2370	2500	95	90 - 110	P	07/17/2025	02:05	LB136514

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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	Calcium	25600	25000	102	90 - 110	P	07/17/2025	02:05	LB136514
	Chromium	912	1000	91	90 - 110	P	07/17/2025	02:05	LB136514
	Cobalt	2400	2500	96	90 - 110	P	07/17/2025	02:05	LB136514
	Copper	1240	1250	99	90 - 110	P	07/17/2025	02:05	LB136514
	Iron	5100	5000	102	90 - 110	P	07/17/2025	02:05	LB136514
	Lead	4770	5000	95	90 - 110	P	07/17/2025	02:05	LB136514
	Lithium	4790	5000	96	90 - 110	P	07/17/2025	02:05	LB136514
	Magnesium	23900	25000	95	90 - 110	P	07/17/2025	02:05	LB136514
	Manganese	2490	2500	100	90 - 110	P	07/17/2025	02:05	LB136514
	Nickel	2400	2500	96	90 - 110	P	07/17/2025	02:05	LB136514
	Potassium	25600	25000	102	90 - 110	P	07/17/2025	02:05	LB136514
	Selenium	5030	5000	101	90 - 110	P	07/17/2025	02:05	LB136514
	Silver	1250	1250	100	90 - 110	P	07/17/2025	02:05	LB136514
	Sodium	25000	25000	100	90 - 110	P	07/17/2025	02:05	LB136514
	Strontium	5020	5000	100	90 - 110	P	07/17/2025	02:05	LB136514
	Thallium	4800	5000	96	90 - 110	P	07/17/2025	02:05	LB136514
	Tin	4780	5000	96	90 - 110	P	07/17/2025	02:05	LB136514
	Titanium	5140	5000	103	90 - 110	P	07/17/2025	02:05	LB136514
	Vanadium	2410	2500	96	90 - 110	P	07/17/2025	02:05	LB136514
	Zinc	2510	2500	101	90 - 110	P	07/17/2025	02:05	LB136514
CCV03	Aluminum	9570	10000	96	90 - 110	P	07/17/2025	02:46	LB136514
	Antimony	5010	5000	100	90 - 110	P	07/17/2025	02:46	LB136514
	Arsenic	4960	5000	99	90 - 110	P	07/17/2025	02:46	LB136514
	Barium	9800	10000	98	90 - 110	P	07/17/2025	02:46	LB136514
	Beryllium	229	250	92	90 - 110	P	07/17/2025	02:46	LB136514
	Boron	4610	5000	92	90 - 110	P	07/17/2025	02:46	LB136514
	Cadmium	2330	2500	93	90 - 110	P	07/17/2025	02:46	LB136514
	Calcium	24700	25000	99	90 - 110	P	07/17/2025	02:46	LB136514
	Chromium	958	1000	96	90 - 110	P	07/17/2025	02:46	LB136514
	Cobalt	2370	2500	95	90 - 110	P	07/17/2025	02:46	LB136514
	Copper	1230	1250	98	90 - 110	P	07/17/2025	02:46	LB136514
	Iron	4910	5000	98	90 - 110	P	07/17/2025	02:46	LB136514
	Lead	4650	5000	93	90 - 110	P	07/17/2025	02:46	LB136514
	Lithium	4850	5000	97	90 - 110	P	07/17/2025	02:46	LB136514

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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
CCV03	Magnesium	23200	25000	93	90 - 110	P	07/17/2025	02:46	LB136514
	Manganese	2430	2500	97	90 - 110	P	07/17/2025	02:46	LB136514
	Nickel	2370	2500	95	90 - 110	P	07/17/2025	02:46	LB136514
	Potassium	25000	25000	100	90 - 110	P	07/17/2025	02:46	LB136514
	Selenium	5000	5000	100	90 - 110	P	07/17/2025	02:46	LB136514
	Silver	1200	1250	96	90 - 110	P	07/17/2025	02:46	LB136514
	Sodium	25000	25000	100	90 - 110	P	07/17/2025	02:46	LB136514
	Strontium	4950	5000	99	90 - 110	P	07/17/2025	02:46	LB136514
	Thallium	4760	5000	95	90 - 110	P	07/17/2025	02:46	LB136514
	Tin	4680	5000	94	90 - 110	P	07/17/2025	02:46	LB136514
	Titanium	5030	5000	101	90 - 110	P	07/17/2025	02:46	LB136514
	Vanadium	2380	2500	95	90 - 110	P	07/17/2025	02:46	LB136514
	Zinc	2430	2500	97	90 - 110	P	07/17/2025	02:46	LB136514



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: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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	0.22	0.2	112	70 - 130	CV	07/11/2025	10:43	LB136435
CRI01	Aluminum	104	100	104	65 - 135	P	07/17/2025	00:51	LB136514
	Antimony	51.4	50.0	103	65 - 135	P	07/17/2025	00:51	LB136514
	Arsenic	22.5	20.0	112	65 - 135	P	07/17/2025	00:51	LB136514
	Barium	105	100	104	65 - 135	P	07/17/2025	00:51	LB136514
	Beryllium	6.51	6.0	108	65 - 135	P	07/17/2025	00:51	LB136514
	Boron	109	100	109	65 - 135	P	07/17/2025	00:51	LB136514
	Cadmium	5.83	6.0	97	65 - 135	P	07/17/2025	00:51	LB136514
	Calcium	2150	2000	107	65 - 135	P	07/17/2025	00:51	LB136514
	Chromium	9.67	10.0	97	65 - 135	P	07/17/2025	00:51	LB136514
	Cobalt	29.7	30.0	99	65 - 135	P	07/17/2025	00:51	LB136514
	Copper	21.6	20.0	108	65 - 135	P	07/17/2025	00:51	LB136514
	Iron	94.7	100	95	65 - 135	P	07/17/2025	00:51	LB136514
	Lead	12.6	12.0	105	65 - 135	P	07/17/2025	00:51	LB136514
	Lithium	18.4	20.0	92	65 - 135	P	07/17/2025	00:51	LB136514
	Magnesium	2190	2000	110	65 - 135	P	07/17/2025	00:51	LB136514
	Manganese	22.0	20.0	110	65 - 135	P	07/17/2025	00:51	LB136514
	Nickel	39.9	40.0	100	65 - 135	P	07/17/2025	00:51	LB136514
	Potassium	2080	2000	104	65 - 135	P	07/17/2025	00:51	LB136514
	Selenium	19.2	20.0	96	65 - 135	P	07/17/2025	00:51	LB136514
	Silver	10.5	10.0	105	65 - 135	P	07/17/2025	00:51	LB136514
	Sodium	1630	2000	82	65 - 135	P	07/17/2025	00:51	LB136514
	Strontium	21.1	20.0	106	65 - 135	P	07/17/2025	00:51	LB136514
	Thallium	45.7	40.0	114	65 - 135	P	07/17/2025	00:51	LB136514
	Tin	37.4	40.0	94	65 - 135	P	07/17/2025	00:51	LB136514
	Titanium	42.3	40.0	106	65 - 135	P	07/17/2025	00:51	LB136514
	Vanadium	40.5	40.0	101	65 - 135	P	07/17/2025	00:51	LB136514
	Zinc	42.3	40.0	106	65 - 135	P	07/17/2025	00:51	LB136514



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB24	Mercury	0.076	+/-0.2	U	0.20	CV	07/11/2025	10:37	LB136435

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB78	Mercury	0.076	+/-0.2	U	0.20	CV	07/11/2025	10:41	LB136435
CCB79	Mercury	0.076	+/-0.2	U	0.20	CV	07/11/2025	11:09	LB136435
CCB80	Mercury	0.076	+/-0.2	U	0.20	CV	07/11/2025	11:51	LB136435
CCB81	Mercury	0.076	+/-0.2	U	0.20	CV	07/11/2025	12:11	LB136435
CCB82	Mercury	0.076	+/-0.2	U	0.20	CV	07/11/2025	12:30	LB136435

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	07/17/2025	00:46	LB136514
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	00:46	LB136514
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	00:46	LB136514
	Barium	14.6	+/-50	U	100	P	07/17/2025	00:46	LB136514
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	00:46	LB136514
	Boron	15.7	+/-50	U	100	P	07/17/2025	00:46	LB136514
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	00:46	LB136514
	Calcium	234	+/-1000	U	2000	P	07/17/2025	00:46	LB136514
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	00:46	LB136514
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	00:46	LB136514
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	00:46	LB136514
	Iron	23.4	+/-50	U	100	P	07/17/2025	00:46	LB136514
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	00:46	LB136514
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	00:46	LB136514
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	00:46	LB136514
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	00:46	LB136514
	Potassium	918	+/-1000	U	2000	P	07/17/2025	00:46	LB136514
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	00:46	LB136514
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	00:46	LB136514
	Sodium	868	+/-1000	U	2000	P	07/17/2025	00:46	LB136514
	Strontium	4.63	+/-10	U	20.0	P	07/17/2025	00:46	LB136514
	Lithium	15.6	+/-10	U	20.0	P	07/17/2025	00:46	LB136514
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	00:46	LB136514
	Tin	5.14	+/-20	U	40.0	P	07/17/2025	00:46	LB136514
	Titanium	6.42	+/-20	U	40.0	P	07/17/2025	00:46	LB136514
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	00:46	LB136514
	Zinc	16.7	+/-20	U	40.0	P	07/17/2025	00:46	LB136514

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	07/17/2025	01:16	LB136514
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	01:16	LB136514
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	01:16	LB136514
	Barium	14.6	+/-50	U	100	P	07/17/2025	01:16	LB136514
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	01:16	LB136514
	Boron	15.7	+/-50	U	100	P	07/17/2025	01:16	LB136514
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	01:16	LB136514
	Calcium	234	+/-1000	U	2000	P	07/17/2025	01:16	LB136514
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	01:16	LB136514
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	01:16	LB136514
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	01:16	LB136514
	Iron	23.4	+/-50	U	100	P	07/17/2025	01:16	LB136514
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	01:16	LB136514
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	01:16	LB136514
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	01:16	LB136514
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	01:16	LB136514
	Potassium	918	+/-1000	U	2000	P	07/17/2025	01:16	LB136514
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	01:16	LB136514
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	01:16	LB136514
	Sodium	868	+/-1000	U	2000	P	07/17/2025	01:16	LB136514
	Strontium	4.63	+/-10	U	20.0	P	07/17/2025	01:16	LB136514
	Lithium	15.6	+/-10	U	20.0	P	07/17/2025	01:16	LB136514
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	01:16	LB136514
	Tin	5.14	+/-20	U	40.0	P	07/17/2025	01:16	LB136514
	Titanium	6.42	+/-20	U	40.0	P	07/17/2025	01:16	LB136514
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	01:16	LB136514
	Zinc	16.7	+/-20	U	40.0	P	07/17/2025	01:16	LB136514
CCB02	Aluminum	11.3	+/-50	U	100	P	07/17/2025	02:09	LB136514
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	02:09	LB136514
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	02:09	LB136514
	Barium	14.6	+/-50	U	100	P	07/17/2025	02:09	LB136514
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	02:09	LB136514
	Boron	15.7	+/-50	U	100	P	07/17/2025	02:09	LB136514
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	02:09	LB136514
	Calcium	234	+/-1000	U	2000	P	07/17/2025	02:09	LB136514
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	02:09	LB136514
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	02:09	LB136514
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	02:09	LB136514
	Iron	23.4	+/-50	U	100	P	07/17/2025	02:09	LB136514

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Lead	2.30	+/-6	U	12.0	P	07/17/2025	02:09	LB136514
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	02:09	LB136514
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	02:09	LB136514
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	02:09	LB136514
	Potassium	918	+/-1000	U	2000	P	07/17/2025	02:09	LB136514
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	02:09	LB136514
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	02:09	LB136514
	Sodium	868	+/-1000	U	2000	P	07/17/2025	02:09	LB136514
	Strontium	4.63	+/-10	U	20.0	P	07/17/2025	02:09	LB136514
	Lithium	15.6	+/-10	U	20.0	P	07/17/2025	02:09	LB136514
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	02:09	LB136514
	Tin	5.14	+/-20	U	40.0	P	07/17/2025	02:09	LB136514
	Titanium	6.42	+/-20	U	40.0	P	07/17/2025	02:09	LB136514
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	02:09	LB136514
	Zinc	16.7	+/-20	U	40.0	P	07/17/2025	02:09	LB136514
CCB03	Aluminum	11.3	+/-50	U	100	P	07/17/2025	02:50	LB136514
	Antimony	6.76	+/-25	U	50.0	P	07/17/2025	02:50	LB136514
	Arsenic	5.12	+/-10	U	20.0	P	07/17/2025	02:50	LB136514
	Barium	14.6	+/-50	U	100	P	07/17/2025	02:50	LB136514
	Beryllium	0.56	+/-3	U	6.00	P	07/17/2025	02:50	LB136514
	Boron	15.7	+/-50	U	100	P	07/17/2025	02:50	LB136514
	Cadmium	0.50	+/-3	U	6.00	P	07/17/2025	02:50	LB136514
	Calcium	234	+/-1000	U	2000	P	07/17/2025	02:50	LB136514
	Chromium	2.12	+/-5	U	10.0	P	07/17/2025	02:50	LB136514
	Cobalt	2.26	+/-15	U	30.0	P	07/17/2025	02:50	LB136514
	Copper	4.60	+/-10	U	20.0	P	07/17/2025	02:50	LB136514
	Iron	23.4	+/-50	U	100	P	07/17/2025	02:50	LB136514
	Lead	2.30	+/-6	U	12.0	P	07/17/2025	02:50	LB136514
	Magnesium	244	+/-1000	U	2000	P	07/17/2025	02:50	LB136514
	Manganese	5.94	+/-10	U	20.0	P	07/17/2025	02:50	LB136514
	Nickel	3.06	+/-20	U	40.0	P	07/17/2025	02:50	LB136514
	Potassium	918	+/-1000	U	2000	P	07/17/2025	02:50	LB136514
	Selenium	9.64	+/-10	U	20.0	P	07/17/2025	02:50	LB136514
	Silver	1.62	+/-5	U	10.0	P	07/17/2025	02:50	LB136514
	Sodium	868	+/-1000	U	2000	P	07/17/2025	02:50	LB136514
	Strontium	4.63	+/-10	U	20.0	P	07/17/2025	02:50	LB136514
	Lithium	15.6	+/-10	U	20.0	P	07/17/2025	02:50	LB136514
	Thallium	4.38	+/-20	U	40.0	P	07/17/2025	02:50	LB136514
	Tin	5.14	+/-20	U	40.0	P	07/17/2025	02:50	LB136514

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB03	Titanium	6.42	+/-20	U	40.0	P	07/17/2025	02:50	LB136514
	Vanadium	6.26	+/-20	U	40.0	P	07/17/2025	02:50	LB136514
	Zinc	16.7	+/-20	U	40.0	P	07/17/2025	02:50	LB136514

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168814BL		WATER		Batch Number:	PB168814		Prep Date:	07/10/2025	
	Mercury	0.076	<0.2	U	0.20	CV	07/11/2025	10:50	LB136435
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168814TB		WATER		Batch Number:	PB168814		Prep Date:	07/10/2025	
	Mercury	0.076	<0.2	U	0.20	CV	07/11/2025	12:14	LB136435

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168773BL	WATER			Batch Number:	PB168773		Prep Date:	07/09/2025	
	Aluminum	5.67	<25	U	50.0	P	07/17/2025	01:22	LB136514
	Antimony	3.38	<12.5	U	25.0	P	07/17/2025	01:22	LB136514
	Arsenic	2.56	<5	U	10.0	P	07/17/2025	01:22	LB136514
	Barium	7.28	<25	U	50.0	P	07/17/2025	01:22	LB136514
	Beryllium	0.28	<1.5	U	3.00	P	07/17/2025	01:22	LB136514
	Boron	7.85	<25	U	50.0	P	07/17/2025	01:22	LB136514
	Cadmium	0.25	<1.5	U	3.00	P	07/17/2025	01:22	LB136514
	Calcium	117	<500	U	1000	P	07/17/2025	01:22	LB136514
	Chromium	1.06	<2.5	U	5.00	P	07/17/2025	01:22	LB136514
	Cobalt	1.13	<7.5	U	15.0	P	07/17/2025	01:22	LB136514
	Copper	2.30	<5	U	10.0	P	07/17/2025	01:22	LB136514
	Iron	11.7	<25	U	50.0	P	07/17/2025	01:22	LB136514
	Lead	1.15	<3	U	6.00	P	07/17/2025	01:22	LB136514
	Magnesium	122	<500	U	1000	P	07/17/2025	01:22	LB136514
	Manganese	2.97	<5	U	10.0	P	07/17/2025	01:22	LB136514
	Nickel	1.53	<10	U	20.0	P	07/17/2025	01:22	LB136514
	Potassium	459	<500	U	1000	P	07/17/2025	01:22	LB136514
	Selenium	4.82	<5	U	10.0	P	07/17/2025	01:22	LB136514
	Silver	0.81	<2.5	U	5.00	P	07/17/2025	01:22	LB136514
	Sodium	434	<500	U	1000	P	07/17/2025	01:22	LB136514
	Strontium	2.32	<5	U	10.0	P	07/17/2025	01:22	LB136514
	Lithium	7.80	<5	U	10.0	P	07/17/2025	01:22	LB136514
	Thallium	2.19	<10	U	20.0	P	07/17/2025	01:22	LB136514
	Tin	2.57	<10	U	20.0	P	07/17/2025	01:22	LB136514
	Titanium	3.21	<10	U	20.0	P	07/17/2025	01:22	LB136514
	Vanadium	3.13	<10	U	20.0	P	07/17/2025	01:22	LB136514
	Zinc	8.33	<10	U	20.0	P	07/17/2025	01:22	LB136514
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168773TB	WATER			Batch Number:	PB168773		Prep Date:	07/09/2025	
	Aluminum	5.67	<25	U	50.0	P	07/17/2025	01:30	LB136514
	Antimony	3.38	<12.5	U	25.0	P	07/17/2025	01:30	LB136514
	Arsenic	2.56	<5	U	10.0	P	07/17/2025	01:30	LB136514
	Barium	7.28	<25	U	50.0	P	07/17/2025	01:30	LB136514
	Beryllium	0.28	<1.5	U	3.00	P	07/17/2025	01:30	LB136514
	Boron	7.85	<25	U	50.0	P	07/17/2025	01:30	LB136514
	Cadmium	0.25	<1.5	U	3.00	P	07/17/2025	01:30	LB136514
	Calcium	117	<500	U	1000	P	07/17/2025	01:30	LB136514
	Chromium	1.06	<2.5	U	5.00	P	07/17/2025	01:30	LB136514
	Cobalt	1.13	<7.5	U	15.0	P	07/17/2025	01:30	LB136514

Metals
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PREPARATION BLANK SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Instrument: P4

Copper	2.30	<5	U	10.0	P	07/17/2025	01:30	LB136514
Iron	11.7	<25	U	50.0	P	07/17/2025	01:30	LB136514
Lead	1.15	<3	U	6.00	P	07/17/2025	01:30	LB136514
Magnesium	122	<500	U	1000	P	07/17/2025	01:30	LB136514
Manganese	2.97	<5	U	10.0	P	07/17/2025	01:30	LB136514
Nickel	1.53	<10	U	20.0	P	07/17/2025	01:30	LB136514
Potassium	459	<500	U	1000	P	07/17/2025	01:30	LB136514
Selenium	4.82	<5	U	10.0	P	07/17/2025	01:30	LB136514
Silver	0.81	<2.5	U	5.00	P	07/17/2025	01:30	LB136514
Sodium	434	<500	U	1000	P	07/17/2025	01:30	LB136514
Strontium	2.32	<5	U	10.0	P	07/17/2025	01:30	LB136514
Lithium	7.80	<5	U	10.0	P	07/17/2025	01:30	LB136514
Thallium	2.19	<10	U	20.0	P	07/17/2025	01:30	LB136514
Tin	2.57	<10	U	20.0	P	07/17/2025	01:30	LB136514
Titanium	3.21	<10	U	20.0	P	07/17/2025	01:30	LB136514
Vanadium	3.13	<10	U	20.0	P	07/17/2025	01:30	LB136514
Zinc	8.33	<10	U	20.0	P	07/17/2025	01:30	LB136514

Metals
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INTERFERENCE CHECK SAMPLE

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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	260000	255000	102	216000	294000	07/17/2025	00:55	LB136514
	Antimony	-1.45			-50	50	07/17/2025	00:55	LB136514
	Arsenic	0.92			-20	20	07/17/2025	00:55	LB136514
	Barium	3.84	6.0	64	-94	106	07/17/2025	00:55	LB136514
	Beryllium	1.56			-6	6	07/17/2025	00:55	LB136514
	Boron	8.12	1000	1	-100	100	07/17/2025	00:55	LB136514
	Cadmium	-1.26	1.0	126	-5	7	07/17/2025	00:55	LB136514
	Calcium	251000	245000	102	208000	282000	07/17/2025	00:55	LB136514
	Chromium	43.0	52.0	83	42	62	07/17/2025	00:55	LB136514
	Cobalt	1.97			-30	30	07/17/2025	00:55	LB136514
	Copper	0.57	2.0	28	-18	22	07/17/2025	00:55	LB136514
	Iron	102000	101000	101	85600	116500	07/17/2025	00:55	LB136514
	Lead	-4.61			-12	12	07/17/2025	00:55	LB136514
	Magnesium	257000	255000	101	216000	294000	07/17/2025	00:55	LB136514
	Manganese	9.51	7.0	136	-13	27	07/17/2025	00:55	LB136514
	Nickel	2.34	2.0	117	-38	42	07/17/2025	00:55	LB136514
	Potassium	35.9			0	0	07/17/2025	00:55	LB136514
	Selenium	1.77			-20	20	07/17/2025	00:55	LB136514
	Silver	1.50			-10	10	07/17/2025	00:55	LB136514
	Sodium	-302			0	0	07/17/2025	00:55	LB136514
	Strontium	6.50			0	0	07/17/2025	00:55	LB136514
	Lithium	5.20	1000	1	-20	20	07/17/2025	00:55	LB136514
	Thallium	-9.09			-40	40	07/17/2025	00:55	LB136514
	Tin	-1.93	1000		-40	40	07/17/2025	00:55	LB136514
	Titanium	-5.55			0	0	07/17/2025	00:55	LB136514
	Vanadium	0.19			-40	40	07/17/2025	00:55	LB136514
	Zinc	1.98			-40	40	07/17/2025	00:55	LB136514
ICSAB01	Aluminum	253000	247000	102	209000	285000	07/17/2025	00:59	LB136514
	Antimony	623	618	101	525	711	07/17/2025	00:59	LB136514
	Arsenic	103	104	99	88.4	120	07/17/2025	00:59	LB136514
	Barium	520	537	97	437	637	07/17/2025	00:59	LB136514
	Beryllium	498	495	101	420	570	07/17/2025	00:59	LB136514
	Boron	965	1000	96	850	1150	07/17/2025	00:59	LB136514
	Cadmium	984	972	101	826	1120	07/17/2025	00:59	LB136514
	Calcium	247000	235000	105	199000	271000	07/17/2025	00:59	LB136514
	Chromium	515	542	95	460	624	07/17/2025	00:59	LB136514
	Cobalt	506	476	106	404	548	07/17/2025	00:59	LB136514
	Copper	498	511	98	434	588	07/17/2025	00:59	LB136514
	Iron	102000	99300	103	84400	114500	07/17/2025	00:59	LB136514
	Lead	41.8	49.0	85	37	61	07/17/2025	00:59	LB136514
	Magnesium	253000	248000	102	210000	286000	07/17/2025	00:59	LB136514
	Manganese	511	507	101	430	584	07/17/2025	00:59	LB136514

Metals

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INTERFERENCE CHECK SAMPLE

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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	Nickel	998	954	105	810	1100	07/17/2025	00:59	LB136514
	Potassium	75.8			0	0	07/17/2025	00:59	LB136514
	Selenium	50.6	46.0	110	26	66	07/17/2025	00:59	LB136514
	Silver	221	201	110	170	232	07/17/2025	00:59	LB136514
	Sodium	-259			0	0	07/17/2025	00:59	LB136514
	Strontium	1060			0	0	07/17/2025	00:59	LB136514
	Lithium	1120	1000	112	850	1150	07/17/2025	00:59	LB136514
	Thallium	92.6	108	86	68	148	07/17/2025	00:59	LB136514
	Tin	1000	1000	100	850	1150	07/17/2025	00:59	LB136514
	Titanium	1030			0	0	07/17/2025	00:59	LB136514
	Vanadium	485	491	99	417	565	07/17/2025	00:59	LB136514
	Zinc	1080	952	113	809	1095	07/17/2025	00:59	LB136514



METAL

QC

DATA

metals
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MATRIX SPIKE SUMMARY

client: <u>Walsh Construction Company II, LLC</u>	level: <u>low</u>	sdg no.: <u>Q2489</u>
contract: <u>WALS01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2489-01</u>	client id: <u>G4(0-6)MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2489-01MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1140		145		1000	100		P
Antimony	ug/L	75 - 125	456		7.67	J	400	112		P
Arsenic	ug/L	75 - 125	435		10.0	U	400	109		P
Barium	ug/L	75 - 125	172		65.4		100	107		P
Beryllium	ug/L	75 - 125	92.4		3.00	U	100	92		P
Boron	ug/L	75 - 125	205		74.2		150	87		P
Cadmium	ug/L	75 - 125	95.5		1.27	J	100	94		P
Calcium	ug/L	75 - 125	634000		610000		500	4646		P
Chromium	ug/L	75 - 125	182		2.80	J	200	90		P
Cobalt	ug/L	75 - 125	99.2		1.28	J	100	98		P
Copper	ug/L	75 - 125	167		19.3		150	99		P
Iron	ug/L	75 - 125	1640		27.8	J	1500	107		P
Lead	ug/L	75 - 125	460		8.88		500	90		P
Magnesium	ug/L	75 - 125	14400		13000		1000	147		P
Manganese	ug/L	75 - 125	482		369		100	113		P
Mercury	ug/L	75 - 125	4.20		0.20	U	4.0	105		CV
Nickel	ug/L	75 - 125	249		8.31	J	250	96		P
Potassium	ug/L	75 - 125	12100		5690		5000	129	N	P
Selenium	ug/L	75 - 125	1130		10.0	U	1000	113		P
Silver	ug/L	75 - 125	26.8		5.00	U	37.5	72	N	P
Sodium	ug/L	75 - 125	23900		20600		1500	218		P
Strontium	ug/L	75 - 125	2770		2580		500	37		P
Lithium	ug/L	75 - 125	187		74.3		100	113		P
Thallium	ug/L	75 - 125	872		20.0	U	1000	87		P
Tin	ug/L	75 - 125	338		20.0	U	350	97		P
Titanium	ug/L	75 - 125	76.6		20.0	U	100	77		P
Vanadium	ug/L	75 - 125	148		20.0	U	150	99		P
Zinc	ug/L	75 - 125	345		225		100	120		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Walsh Construction Company II, LLC</u>	level: <u>low</u>	sdg no.: <u>Q2489</u>
contract: <u>WALS01</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2489-01</u>	client id: <u>G4(0-6)MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2489-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1130		145		1000	99		P
Antimony	ug/L	75 - 125	455		7.67	J	400	112		P
Arsenic	ug/L	75 - 125	435		10.0	U	400	109		P
Barium	ug/L	75 - 125	171		65.4		100	106		P
Beryllium	ug/L	75 - 125	91.8		3.00	U	100	92		P
Boron	ug/L	75 - 125	203		74.2		150	86		P
Cadmium	ug/L	75 - 125	96.0		1.27	J	100	95		P
Calcium	ug/L	75 - 125	632000		610000		500	4230		P
Chromium	ug/L	75 - 125	181		2.80	J	200	89		P
Cobalt	ug/L	75 - 125	99.5		1.28	J	100	98		P
Copper	ug/L	75 - 125	167		19.3		150	99		P
Iron	ug/L	75 - 125	1630		27.8	J	1500	107		P
Lead	ug/L	75 - 125	462		8.88		500	91		P
Magnesium	ug/L	75 - 125	14400		13000		1000	144		P
Manganese	ug/L	75 - 125	481		369		100	112		P
Mercury	ug/L	75 - 125	4.29		0.20	U	4.0	107		CV
Nickel	ug/L	75 - 125	250		8.31	J	250	97		P
Potassium	ug/L	75 - 125	12000		5690		5000	126	N	P
Selenium	ug/L	75 - 125	1130		10.0	U	1000	113		P
Silver	ug/L	75 - 125	25.0		5.00	U	37.5	67	N	P
Sodium	ug/L	75 - 125	23500		20600		1500	194		P
Strontium	ug/L	75 - 125	2740		2580		500	32		P
Lithium	ug/L	75 - 125	182		74.3		100	107		P
Thallium	ug/L	75 - 125	859		20.0	U	1000	86		P
Tin	ug/L	75 - 125	341		20.0	U	350	97		P
Titanium	ug/L	75 - 125	77.2		20.0	U	100	77		P
Vanadium	ug/L	75 - 125	148		20.0	U	150	99		P
Zinc	ug/L	75 - 125	341		225		100	116		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Matrix: Water

Level: LOW

Client ID: G4(0-6)A

Sample ID: Q2489-01 **Spiked ID:** Q2489-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Potassium	ug/L	75 - 125	11700		5690		5000	120		P
Silver	ug/L	75 - 125	26.3		5.00	U	37.5	70	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Walsh Construction Company II, LLC **Level:** LOW **SDG No.:** Q2489
Contract: WALS01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2489-01 **Client ID:** G4(0-6)DUP
Percent Solids for Sample: NA **Duplicate ID** Q2489-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	145		147		1		P
Antimony	ug/L	20	7.67	J	9.50	J	21		P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	65.4		65.6		0		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Boron	ug/L	20	74.2		75.0		1		P
Cadmium	ug/L	20	1.27	J	1.25	J	2		P
Calcium	ug/L	20	610000		608000		0		P
Chromium	ug/L	20	2.80	J	3.15	J	12		P
Cobalt	ug/L	20	1.28	J	1.28	J	0		P
Copper	ug/L	20	19.3		18.9		2		P
Iron	ug/L	20	27.8	J	29.1	J	5		P
Lead	ug/L	20	8.88		9.55		7		P
Magnesium	ug/L	20	13000		13100		1		P
Manganese	ug/L	20	369		371		1		P
Mercury	ug/L	20	0.20	U	0.20	U			CV
Nickel	ug/L	20	8.31	J	8.27	J	0		P
Potassium	ug/L	20	5690		5610		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	20600		20300		1		P
Strontium	ug/L	20	2580		2560		1		P
Lithium	ug/L	20	74.3		75.5		2		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Tin	ug/L	20	20.0	U	20.0	U			P
Titanium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	225		221		2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Walsh Construction Company II, LLC **Level:** LOW **SDG No.:** Q2489
Contract: WALS01 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q2489-01MS **Client ID:** G4(0-6)MSD
Percent Solids for Sample: NA **Duplicate ID** Q2489-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1140		1130		1		P
Antimony	ug/L	20	456		455		0		P
Arsenic	ug/L	20	435		435		0		P
Barium	ug/L	20	172		171		1		P
Beryllium	ug/L	20	92.4		91.8		1		P
Boron	ug/L	20	205		203		1		P
Cadmium	ug/L	20	95.5		96.0		1		P
Calcium	ug/L	20	634000		632000		0		P
Chromium	ug/L	20	182		181		1		P
Cobalt	ug/L	20	99.2		99.5		0		P
Copper	ug/L	20	167		167		0		P
Iron	ug/L	20	1640		1630		1		P
Lead	ug/L	20	460		462		0		P
Magnesium	ug/L	20	14400		14400		0		P
Manganese	ug/L	20	482		481		0		P
Mercury	ug/L	20	4.20		4.29		2		CV
Nickel	ug/L	20	249		250		0		P
Potassium	ug/L	20	12100		12000		1		P
Selenium	ug/L	20	1130		1130		0		P
Silver	ug/L	20	26.8		25.0		7		P
Sodium	ug/L	20	23900		23500		2		P
Strontium	ug/L	20	2770		2740		1		P
Lithium	ug/L	20	187		182		3		P
Thallium	ug/L	20	872		859		2		P
Tin	ug/L	20	338		341		1		P
Titanium	ug/L	20	76.6		77.2		1		P
Vanadium	ug/L	20	148		148		0		P
Zinc	ug/L	20	345		341		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168773BS							
Aluminum	ug/L	1000	999		100	80 - 120	P
Antimony	ug/L	400	416		104	80 - 120	P
Arsenic	ug/L	400	394		98	80 - 120	P
Barium	ug/L	100	103		103	80 - 120	P
Beryllium	ug/L	100	102		102	80 - 120	P
Boron	ug/L	150	152		101	80 - 120	P
Cadmium	ug/L	100	94.7		95	80 - 120	P
Calcium	ug/L	500	549	J	110	80 - 120	P
Chromium	ug/L	200	189		94	80 - 120	P
Cobalt	ug/L	100	97.8		98	80 - 120	P
Copper	ug/L	150	155		103	80 - 120	P
Iron	ug/L	1500	1500		100	80 - 120	P
Lead	ug/L	500	475		95	80 - 120	P
Magnesium	ug/L	1000	1000		100	80 - 120	P
Manganese	ug/L	100	103		103	80 - 120	P
Nickel	ug/L	250	245		98	80 - 120	P
Potassium	ug/L	5000	5060		101	80 - 120	P
Selenium	ug/L	1000	992		99	80 - 120	P
Silver	ug/L	37.5	38.0		101	80 - 120	P
Sodium	ug/L	1500	1580		105	80 - 120	P
Strontium	ug/L	100	100		100	80 - 120	P
Lithium	ug/L	100	96.7		97	80 - 120	P
Thallium	ug/L	1000	983		98	80 - 120	P
Tin	ug/L	350	343		98	80 - 120	P
Titanium	ug/L	100	103		103	80 - 120	P
Vanadium	ug/L	150	146		97	80 - 120	P
Zinc	ug/L	100	107		107	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168814BS Mercury	ug/L	4.0	4.70		118	80 - 120	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

G4(0-6)L

Lab Name: Alliance **Contract:** WALS01
Lab Code: ACE **Lb No.:** lb136514 **Lab Sample ID :** Q2489-01L **SDG No.:** Q2489
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Aluminum	145		459		216		P
Antimony	7.67	J	125	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	65.4		59.9	J	8		P
Beryllium	3.00	U	15.0	U			P
Boron	74.2		78.4	J	6		P
Cadmium	1.27	J	15.0	U	100.0		P
Calcium	610000		620000		2		P
Chromium	2.80	J	25.0	U	100.0		P
Cobalt	1.28	J	75.0	U	100.0		P
Copper	19.3		19.1	J	1		P
Iron	27.8	J	250	U	100.0		P
Lead	8.88		7.74	J	13		P
Magnesium	13000		13300		2		P
Manganese	369		374		1		P
Mercury	0.20	U	1.00	U			CV
Nickel	8.31	J	100	U	100.0		P
Potassium	5690		5380		5		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	20600		16700		19		P
Strontium	2580		2560		1		P
Lithium	74.3		42.2	J	43		P
Thallium	20.0	U	100	U			P
Tin	20.0	U	100	U			P
Titanium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	225		247		10		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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 INTERELEMEN CORRECTION FACTORS

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMEN CORRECTION FACTORS

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

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: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168773							
PB168773BL	PB168773BL	MB	WATER	07/09/2025	50.0	25.0	
PB168773BS	PB168773BS	LCS	WATER	07/09/2025	50.0	25.0	
PB168773TB	PB168773TB	MB	WATER	07/09/2025	50.0	25.0	
Q2489-01	G4(0-6)	SAM	WATER	07/09/2025	50.0	25.0	
Q2489-01DUP	G4(0-6)DUP	DUP	WATER	07/09/2025	50.0	25.0	
Q2489-01MS	G4(0-6)MS	MS	WATER	07/09/2025	50.0	25.0	
Q2489-01MSD	G4(0-6)MSD	MSD	WATER	07/09/2025	50.0	25.0	
Q2489-02	G4(6-12)	SAM	WATER	07/09/2025	50.0	25.0	
Q2489-03	G3(0-6)	SAM	WATER	07/09/2025	50.0	25.0	
Q2489-04	G3(6-12)	SAM	WATER	07/09/2025	50.0	25.0	
Q2489-05	G2(0-6)	SAM	WATER	07/09/2025	50.0	25.0	
Q2489-06	G2(6-12)	SAM	WATER	07/09/2025	50.0	25.0	
Q2489-07	G1(0-6)	SAM	WATER	07/09/2025	50.0	25.0	
Q2489-08	G1(6-12)	SAM	WATER	07/09/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Walsh Construction Company II, LLC

SDG No.: Q2489

Contract: WALS01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168814							
PB168814BL	PB168814BL	MB	WATER	07/10/2025	30.0	30.0	
PB168814BS	PB168814BS	LCS	WATER	07/10/2025	30.0	30.0	
PB168814TB	PB168814TB	MB	WATER	07/10/2025	30.0	30.0	
Q2489-01	G4(0-6)	SAM	WATER	07/10/2025	30.0	30.0	
Q2489-01DUP	G4(0-6)DUP	DUP	WATER	07/10/2025	30.0	30.0	
Q2489-01MS	G4(0-6)MS	MS	WATER	07/10/2025	30.0	30.0	
Q2489-01MSD	G4(0-6)MSD	MSD	WATER	07/10/2025	30.0	30.0	
Q2489-02	G4(6-12)	SAM	WATER	07/10/2025	30.0	30.0	
Q2489-03	G3(0-6)	SAM	WATER	07/10/2025	30.0	30.0	
Q2489-04	G3(6-12)	SAM	WATER	07/10/2025	30.0	30.0	
Q2489-05	G2(0-6)	SAM	WATER	07/10/2025	30.0	30.0	
Q2489-06	G2(6-12)	SAM	WATER	07/10/2025	30.0	30.0	
Q2489-07	G1(0-6)	SAM	WATER	07/10/2025	30.0	30.0	
Q2489-08	G1(6-12)	SAM	WATER	07/10/2025	30.0	30.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: Walsh Construction Company II, LLC

Contract: WALS01

Lab code: ACE

Sdg no.: Q2489

Instrument id number: _____ **Method:** _____

Run number: LB136435

Start date: 07/11/2025 **End date:** 07/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1006	HG
S0.2	S0.2	1	1008	HG
S2.5	S2.5	1	1011	HG
S5	S5	1	1013	HG
S7.5	S7.5	1	1022	HG
S10	S10	1	1027	HG
ICV24	ICV24	1	1034	HG
ICB24	ICB24	1	1037	HG
CCV78	CCV78	1	1039	HG
CCB78	CCB78	1	1041	HG
CRA	CRA	1	1043	HG
PB168814BL	PB168814BL	1	1050	HG
PB168814BS	PB168814BS	1	1053	HG
Q2489-01	G4(0-6)	1	1055	HG
Q2489-01DUP	G4(0-6)DUP	1	1057	HG
Q2489-01MS	G4(0-6)MS	1	1100	HG
Q2489-01MSD	G4(0-6)MSD	1	1102	HG
Q2489-02	G4(6-12)	1	1104	HG
CCV79	CCV79	1	1107	HG
CCB79	CCB79	1	1109	HG
Q2489-03	G3(0-6)	1	1111	HG
Q2489-04	G3(6-12)	1	1114	HG
Q2489-05	G2(0-6)	1	1116	HG
Q2489-06	G2(6-12)	1	1118	HG
Q2489-07	G1(0-6)	1	1121	HG
Q2489-08	G1(6-12)	1	1123	HG
CCV80	CCV80	1	1148	HG
CCB80	CCB80	1	1151	HG
CCV81	CCV81	1	1209	HG
CCB81	CCB81	1	1211	HG
PB168814TB	PB168814TB	1	1214	HG
Q2489-01L	G4(0-6)L	5	1218	HG
CCV82	CCV82	1	1227	HG
CCB82	CCB82	1	1230	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: Walsh Construction Company II, LLC

Contract: WALS01

Lab code: ACE

Sdg no.: Q2489

Instrument id number:

Method:

Run number: LB136514

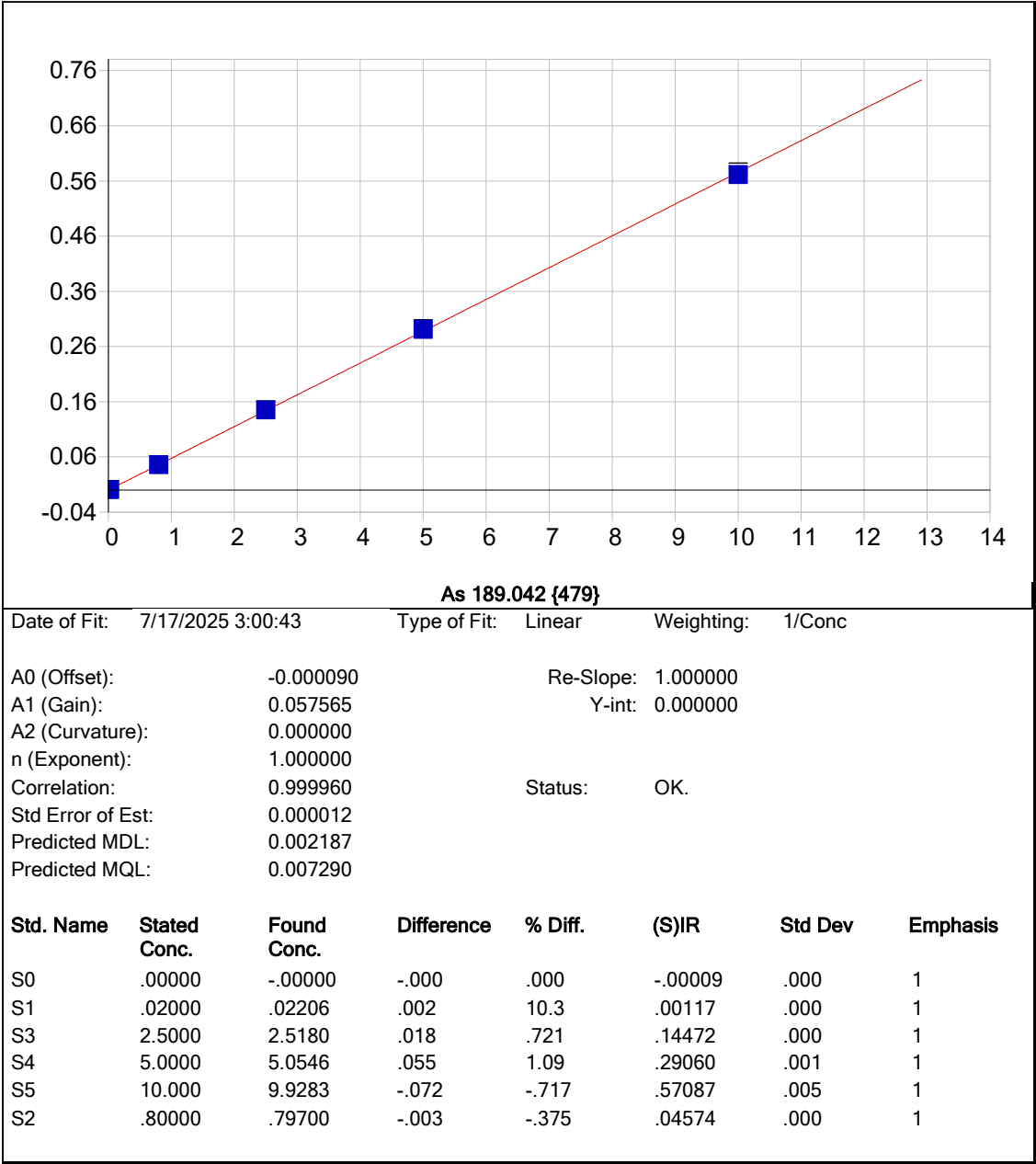
Start date: 07/17/2025

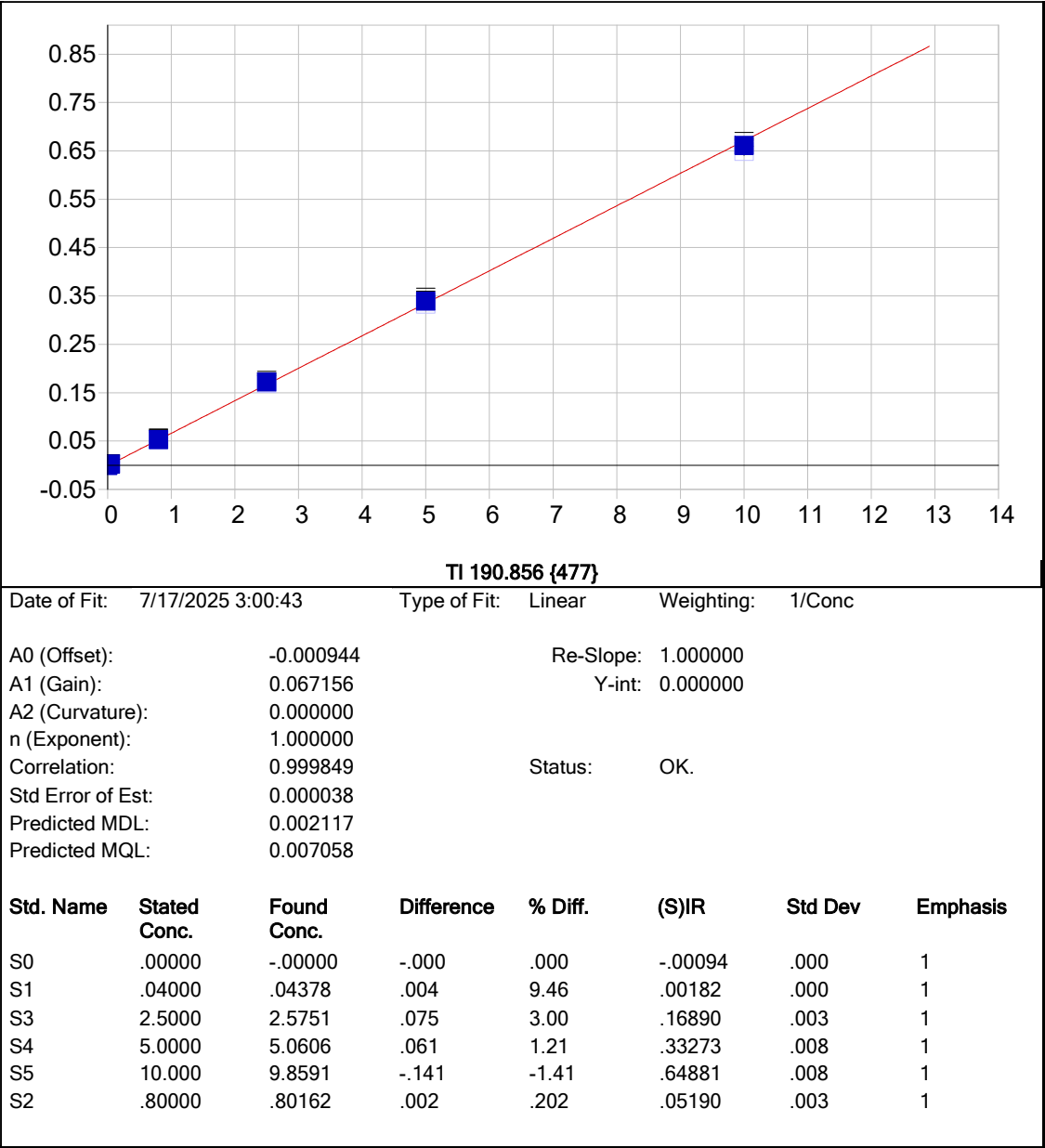
End date: 07/17/2025

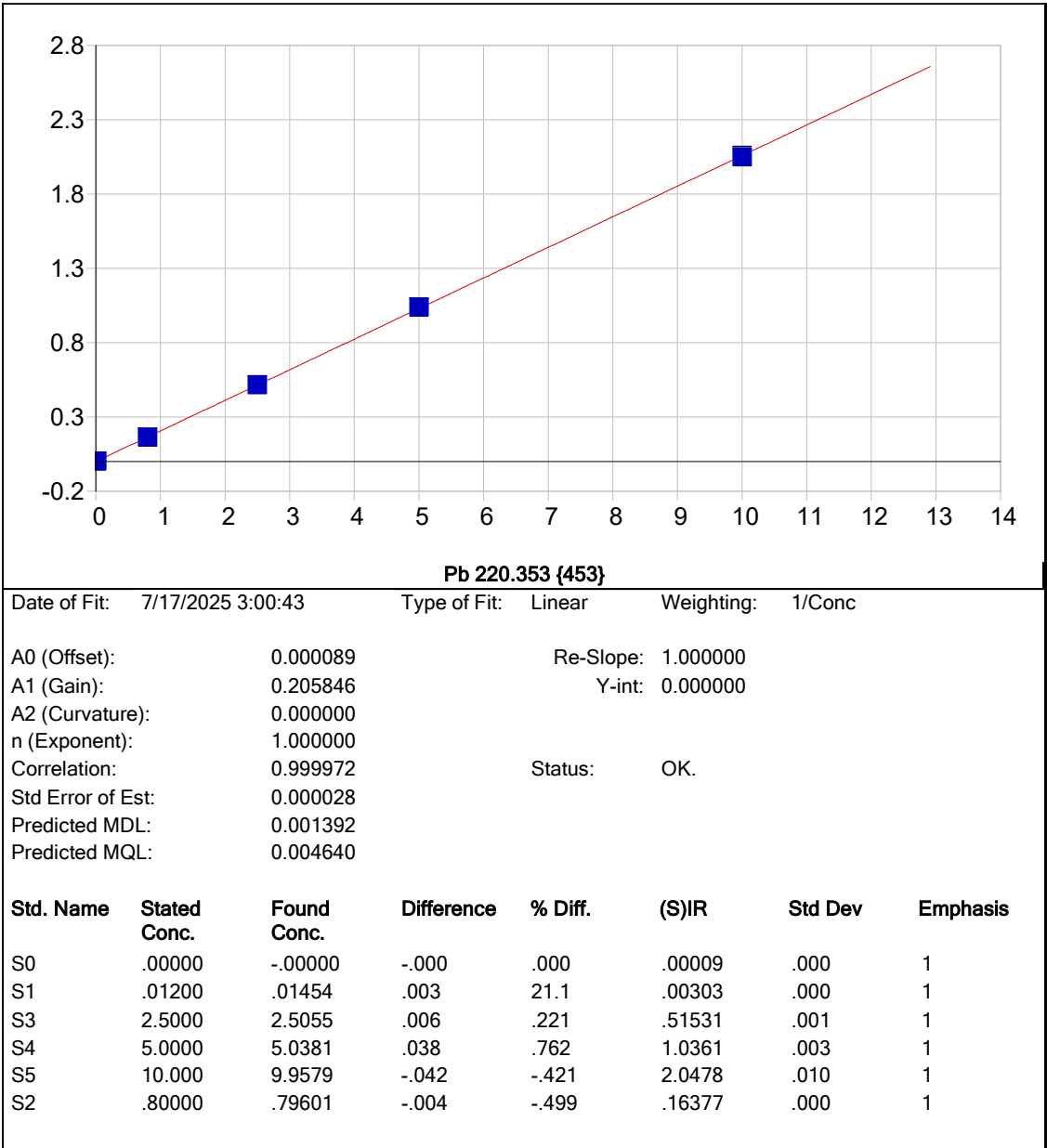
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0000	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
S1	S1	1	0004	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
S2	S2	1	0009	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
S3	S3	1	0013	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
S4	S4	1	0017	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
S5	S5	1	0021	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
ICV01	ICV01	1	0031	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
LLICV01	LLICV01	1	0042	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
ICB01	ICB01	1	0046	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
CRI01	CRI01	1	0051	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
ICSA01	ICSA01	1	0055	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
ICSAB01	ICSAB01	1	0059	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
CCV01	CCV01	1	0112	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
CCB01	CCB01	1	0116	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
PB168773BL	PB168773BL	1	0122	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
PB168773BS	PB168773BS	1	0126	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
PB168773TB	PB168773TB	1	0130	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-01	G4(0-6)	1	0135	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-01DUP	G4(0-6)DUP	1	0139	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-01L	G4(0-6)L	5	0144	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-01MS	G4(0-6)MS	1	0148	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-01MSD	G4(0-6)MSD	1	0152	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-01A	G4(0-6)A	1	0156	Ag,K
Q2489-02	G4(6-12)	1	0201	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
CCV02	CCV02	1	0205	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
CCB02	CCB02	1	0209	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-03	G3(0-6)	1	0213	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-04	G3(6-12)	1	0218	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-05	G2(0-6)	1	0222	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-06	G2(6-12)	1	0226	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-07	G1(0-6)	1	0231	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
Q2489-08	G1(6-12)	1	0235	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
CCV03	CCV03	1	0246	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V
CCB03	CCB03	1	0250	Ag,Al,As,B,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Li,Mg,Mn,Na,Ni,Pb,Sb,Se,Sn,Sr,Ti,Tl,V

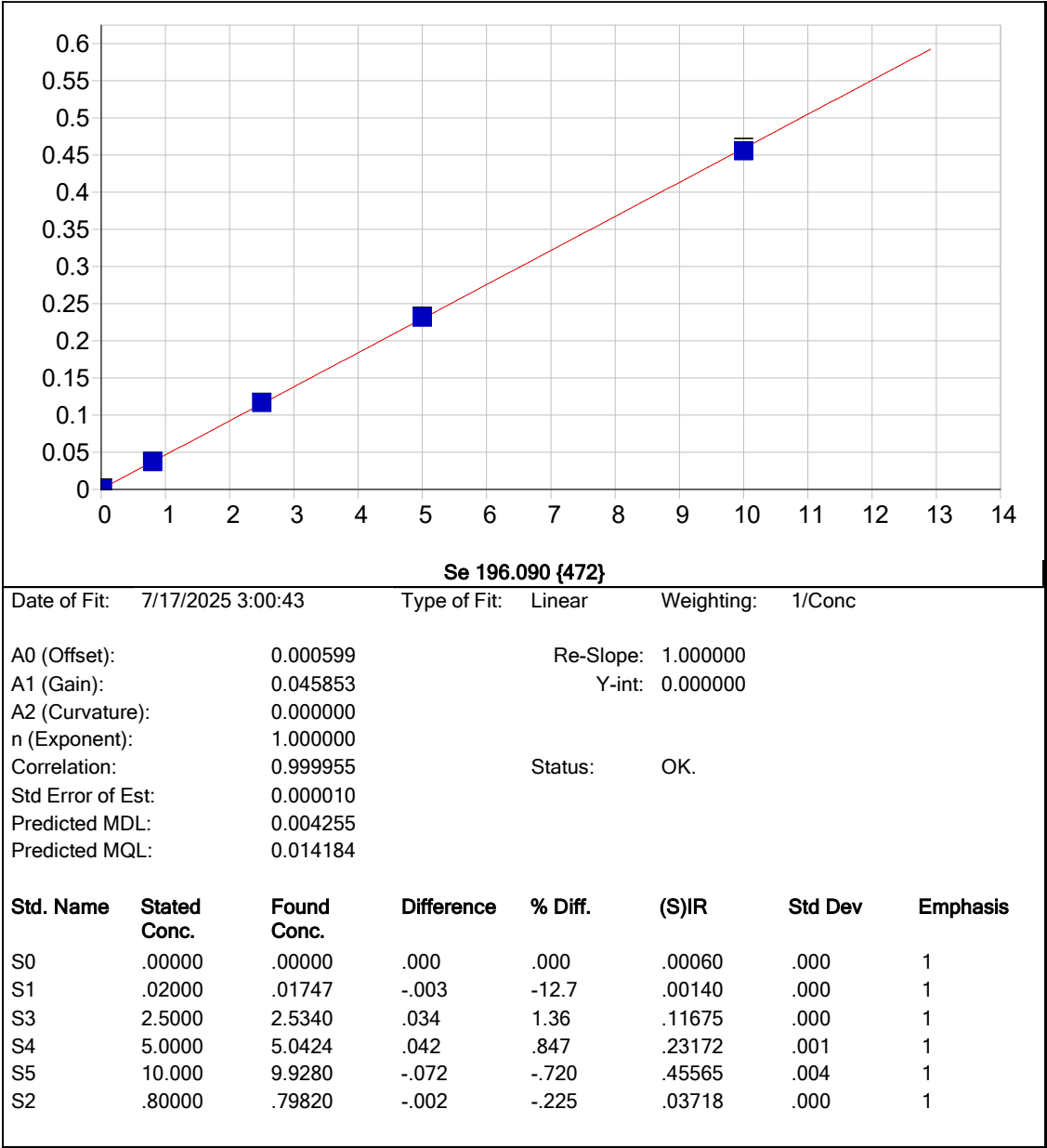


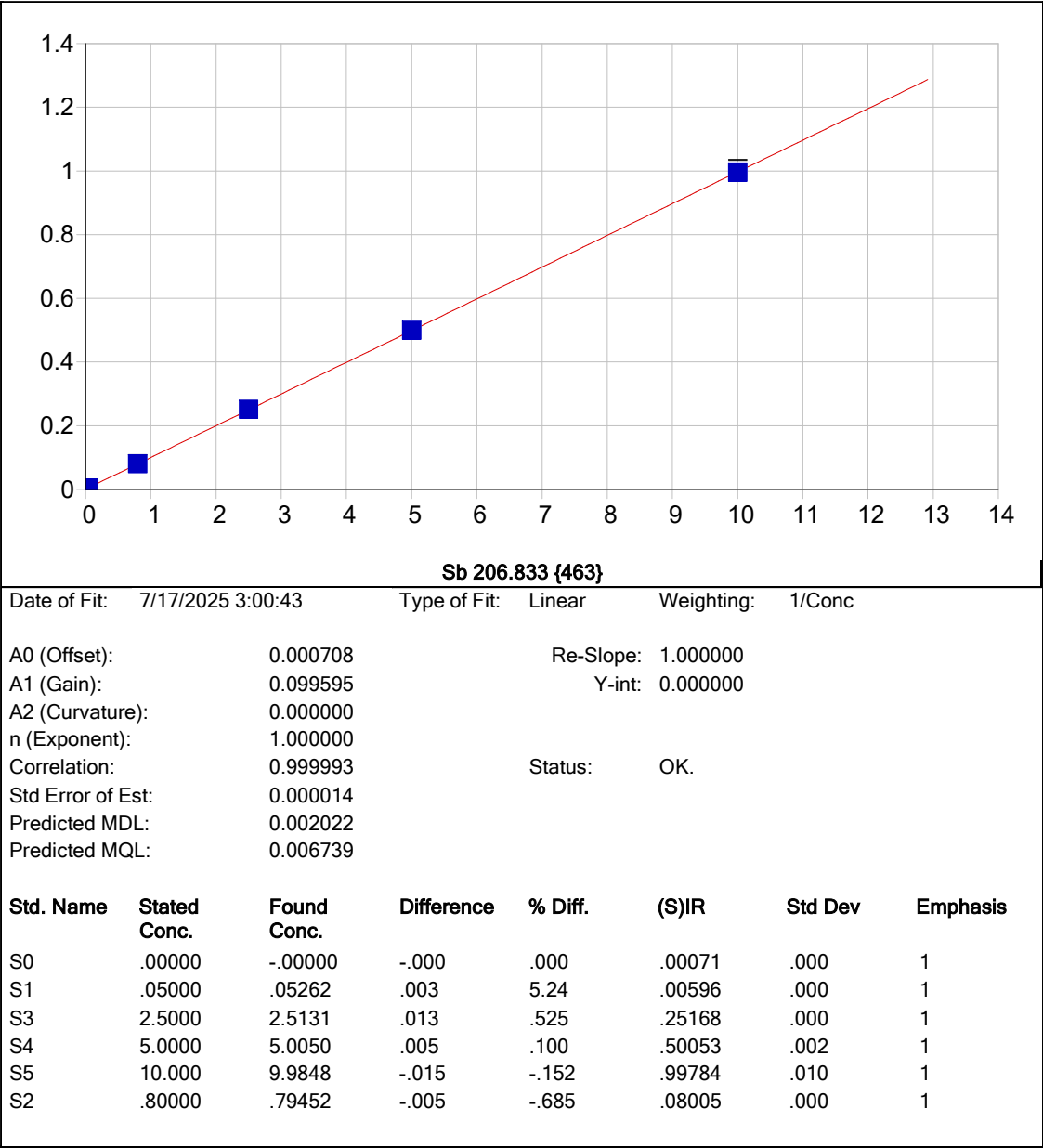
METAL RAW DATA

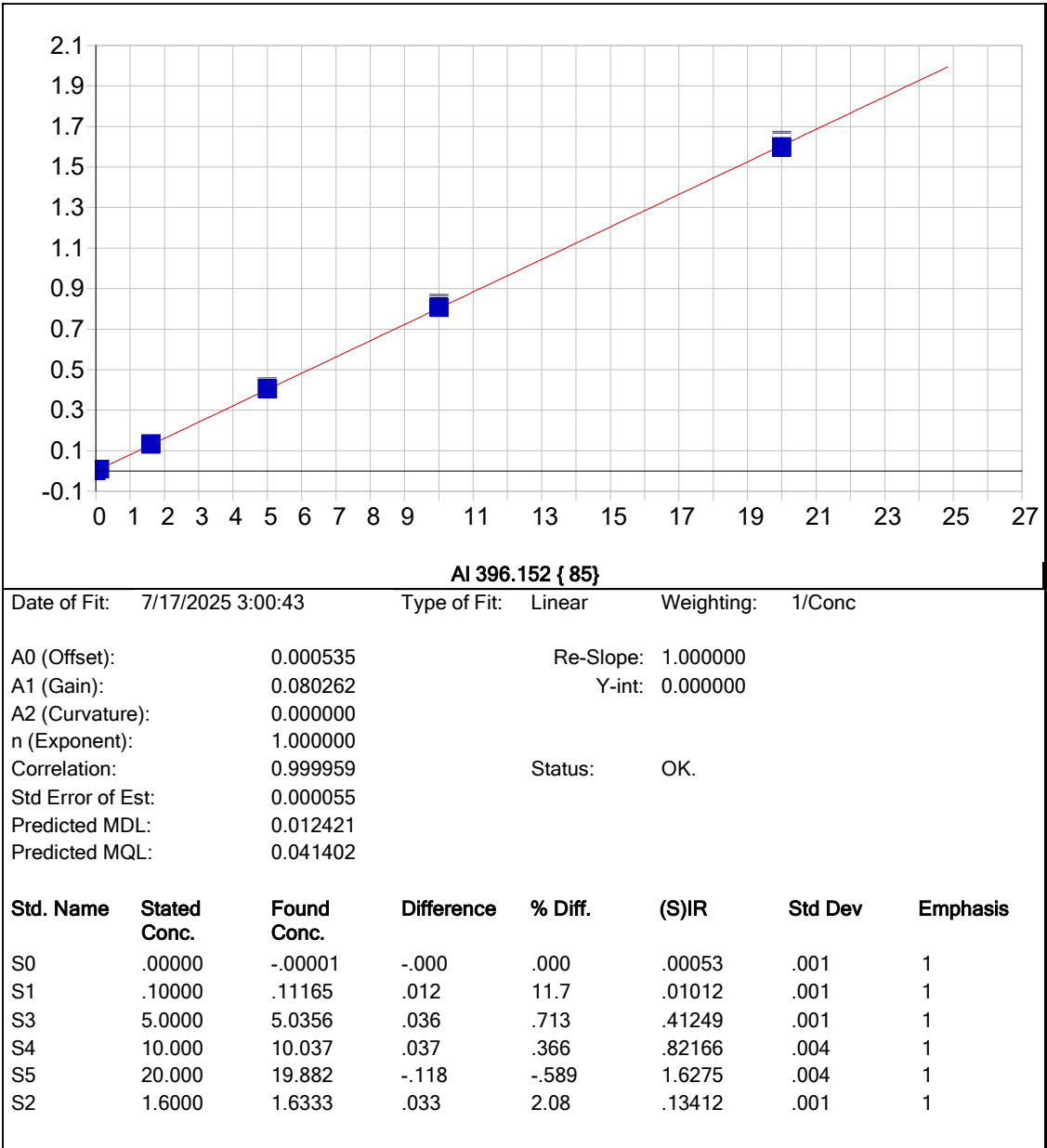


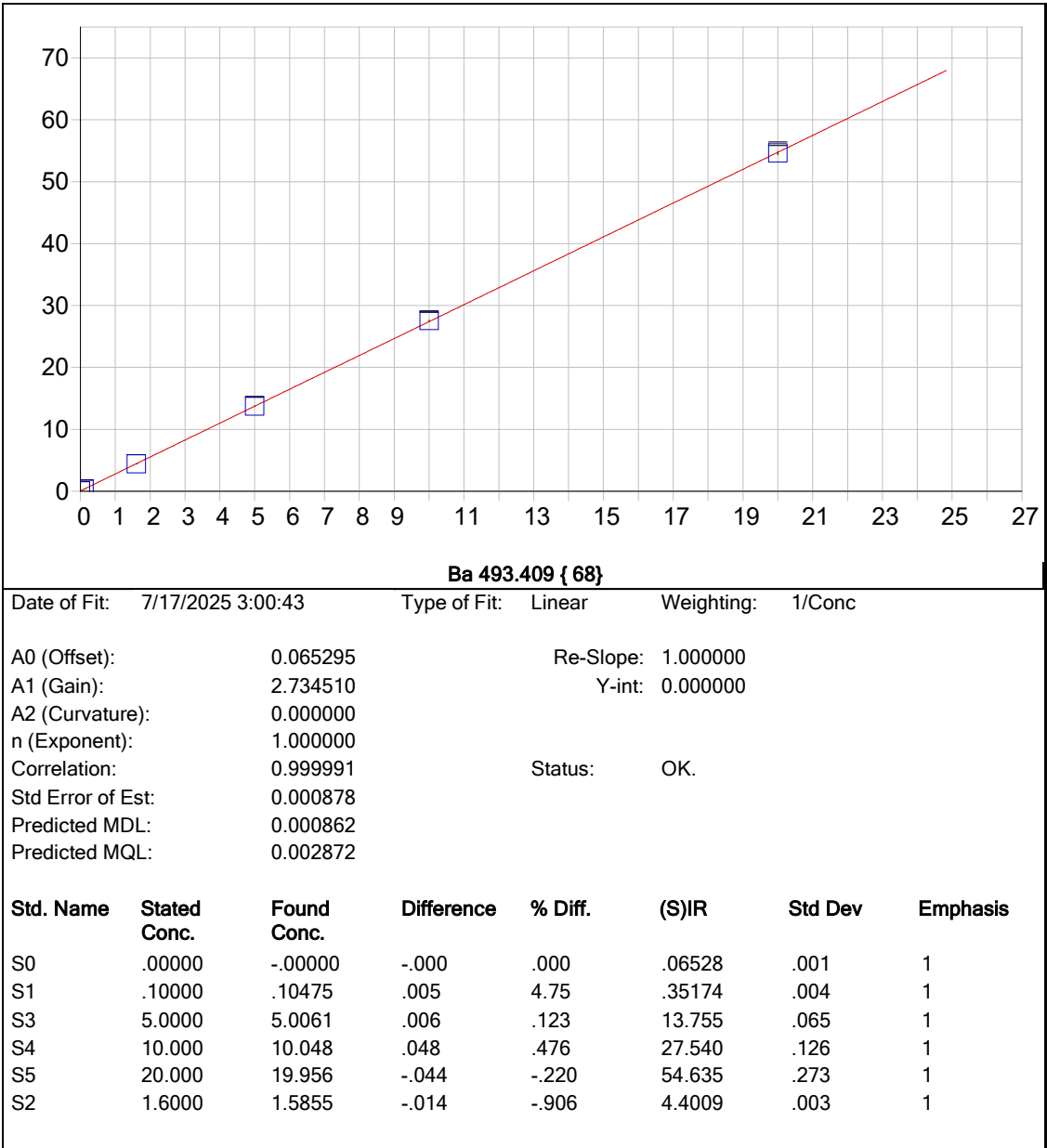


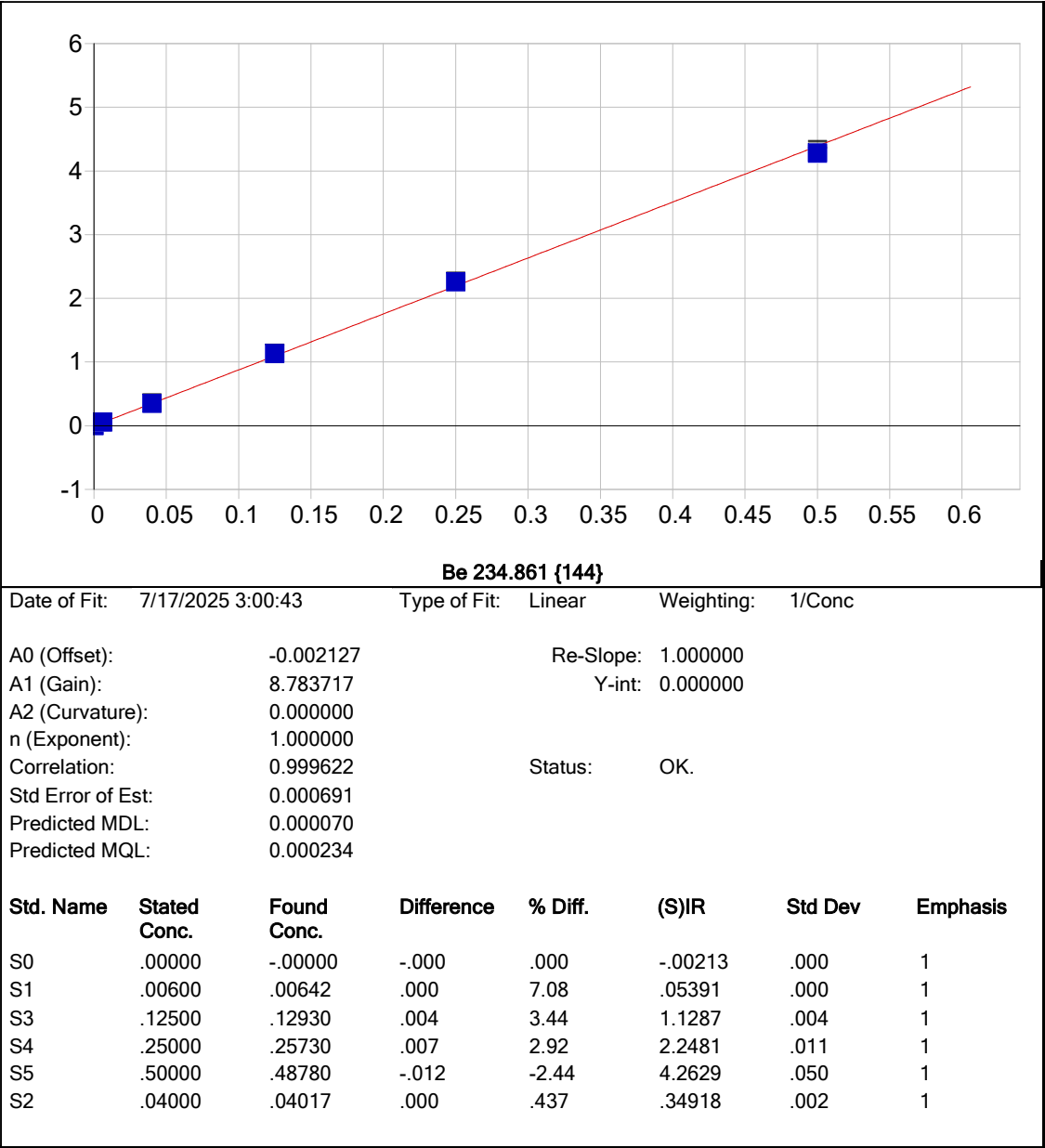


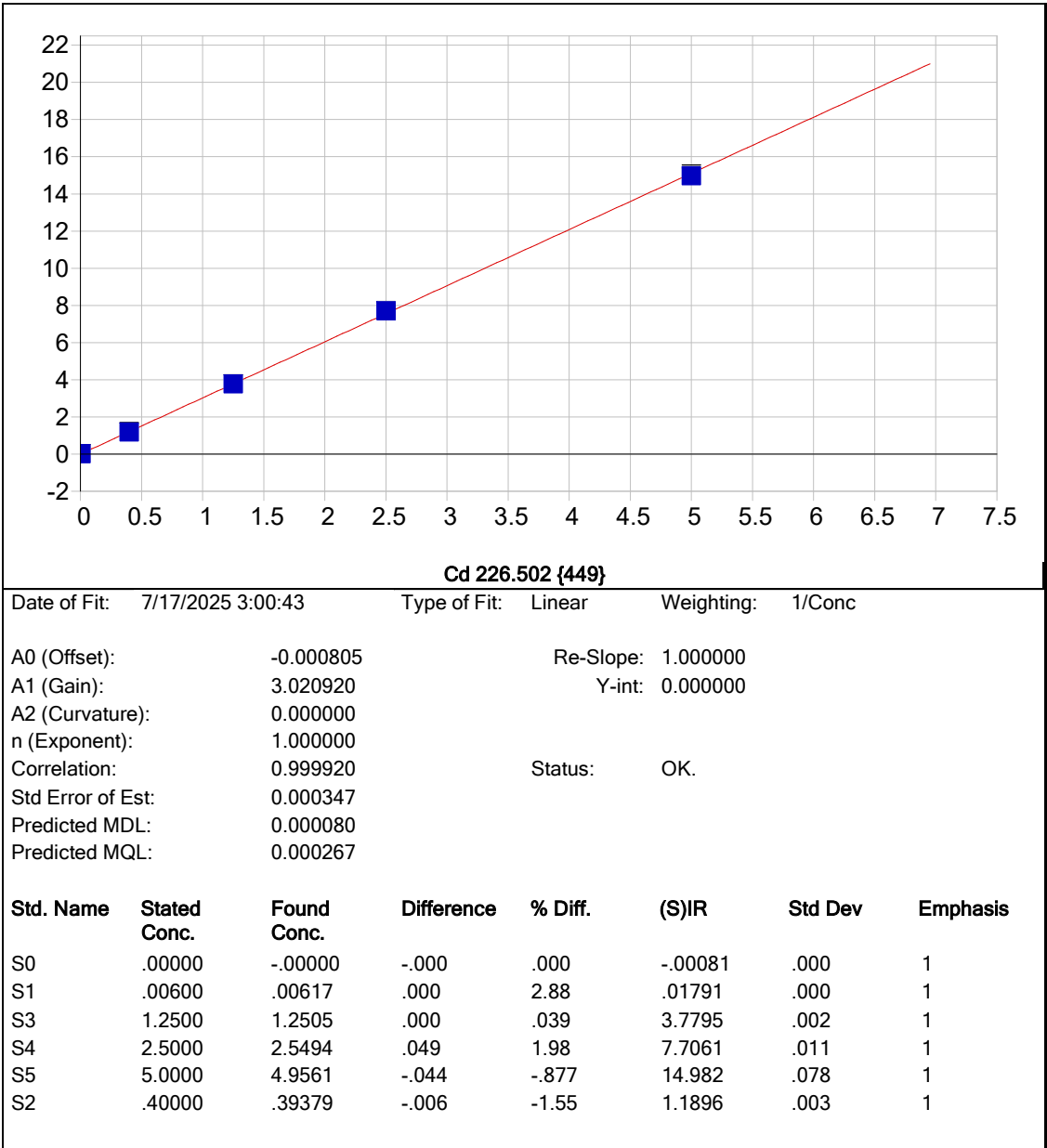


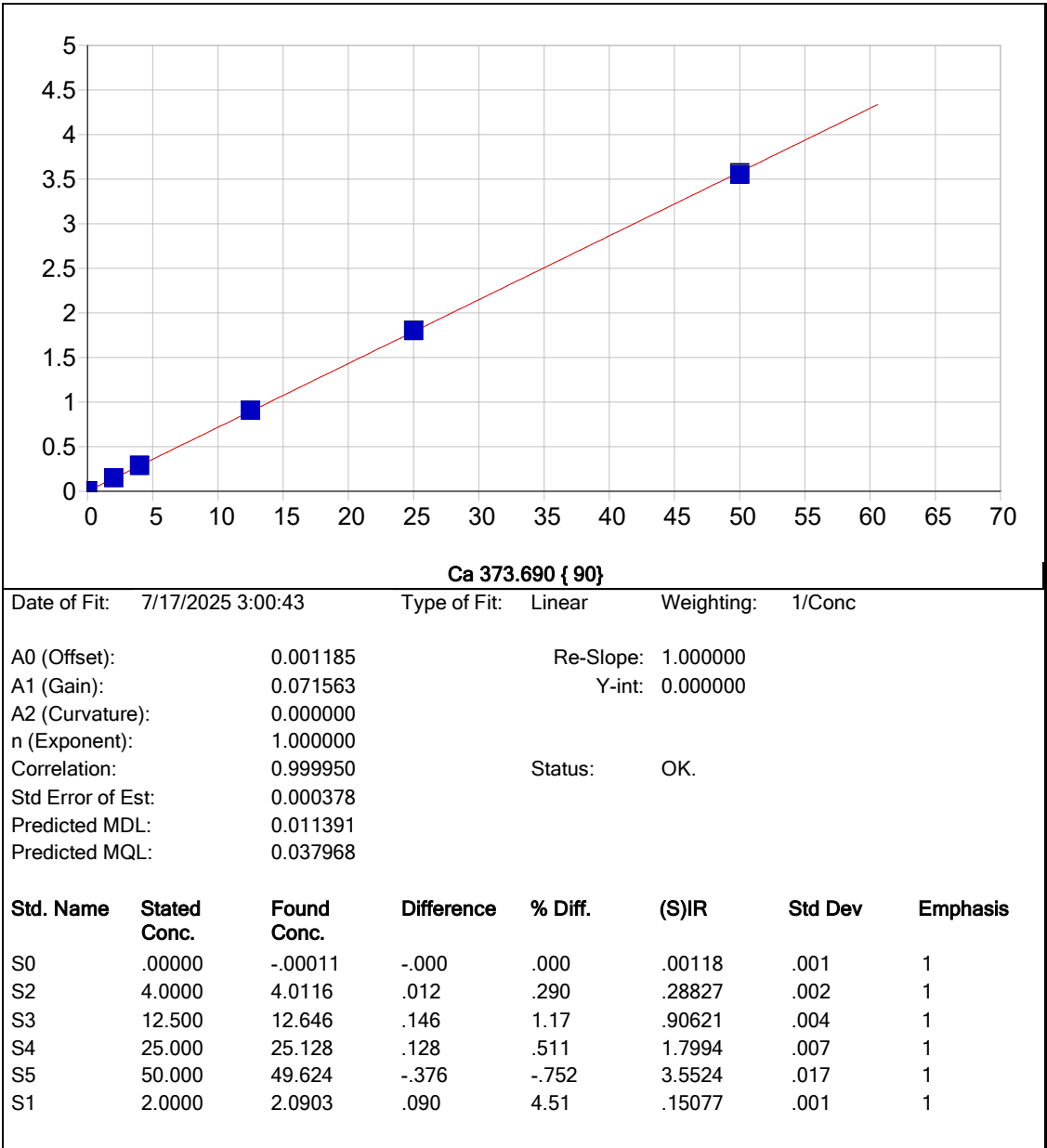


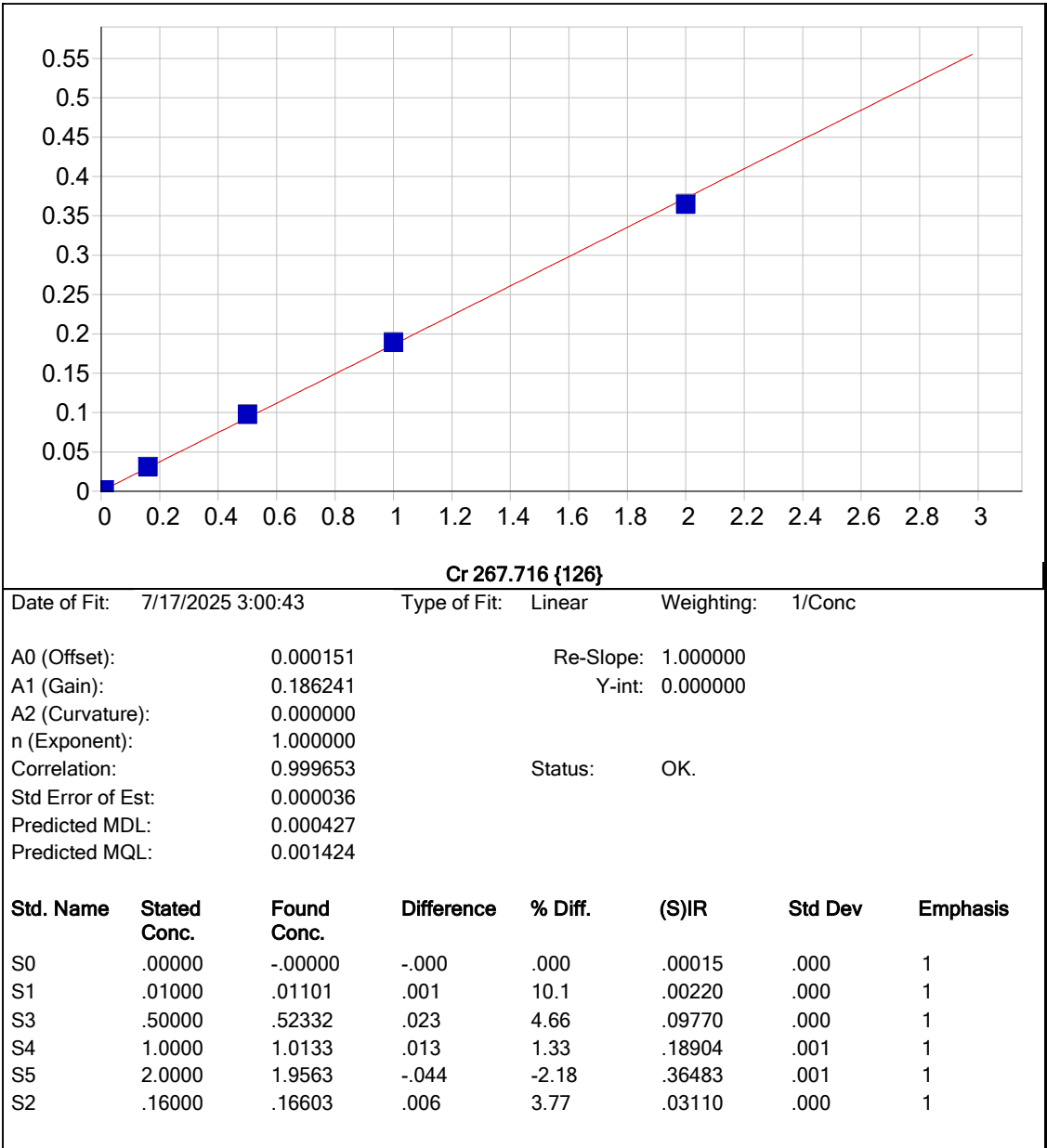


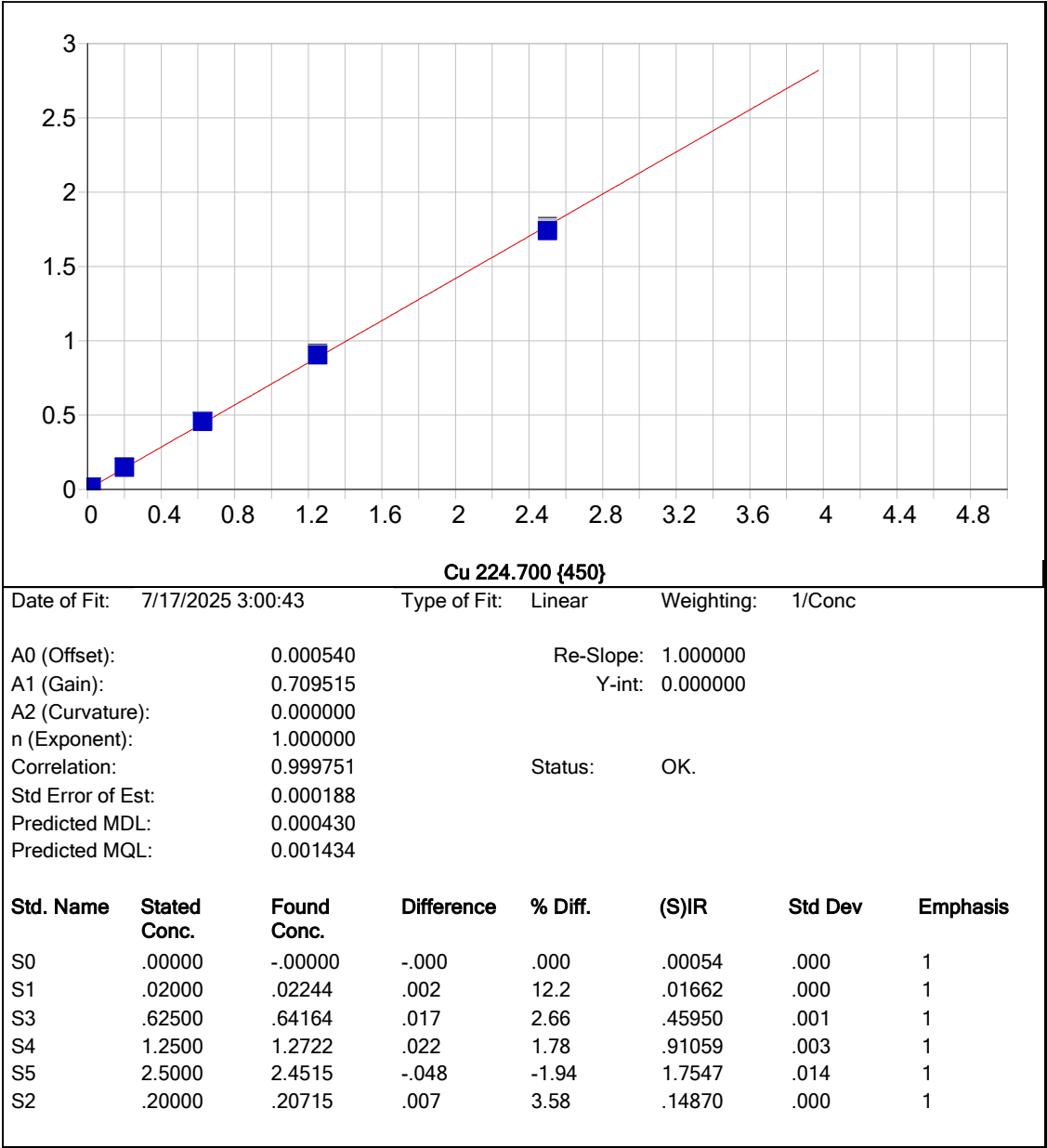


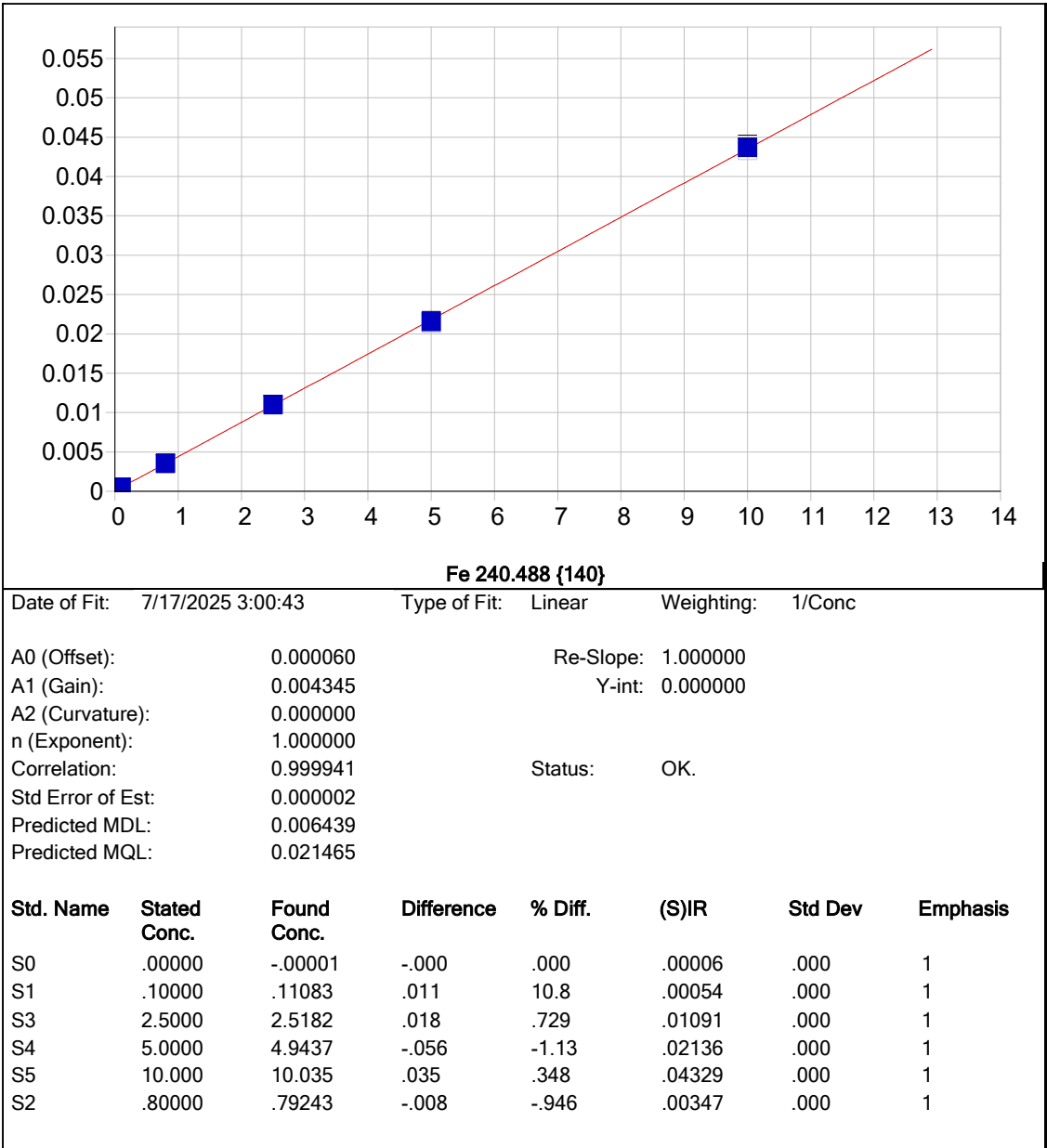


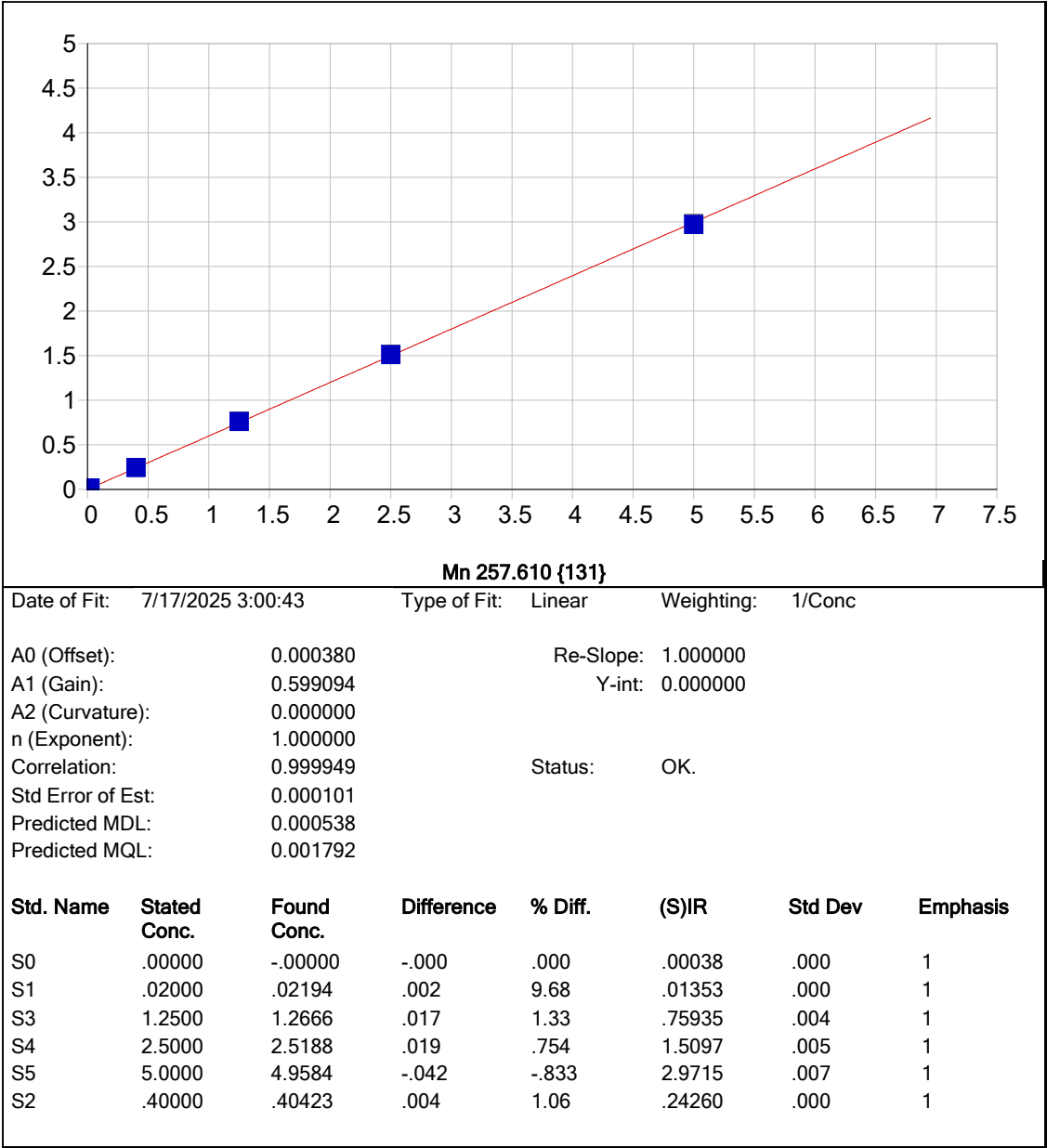


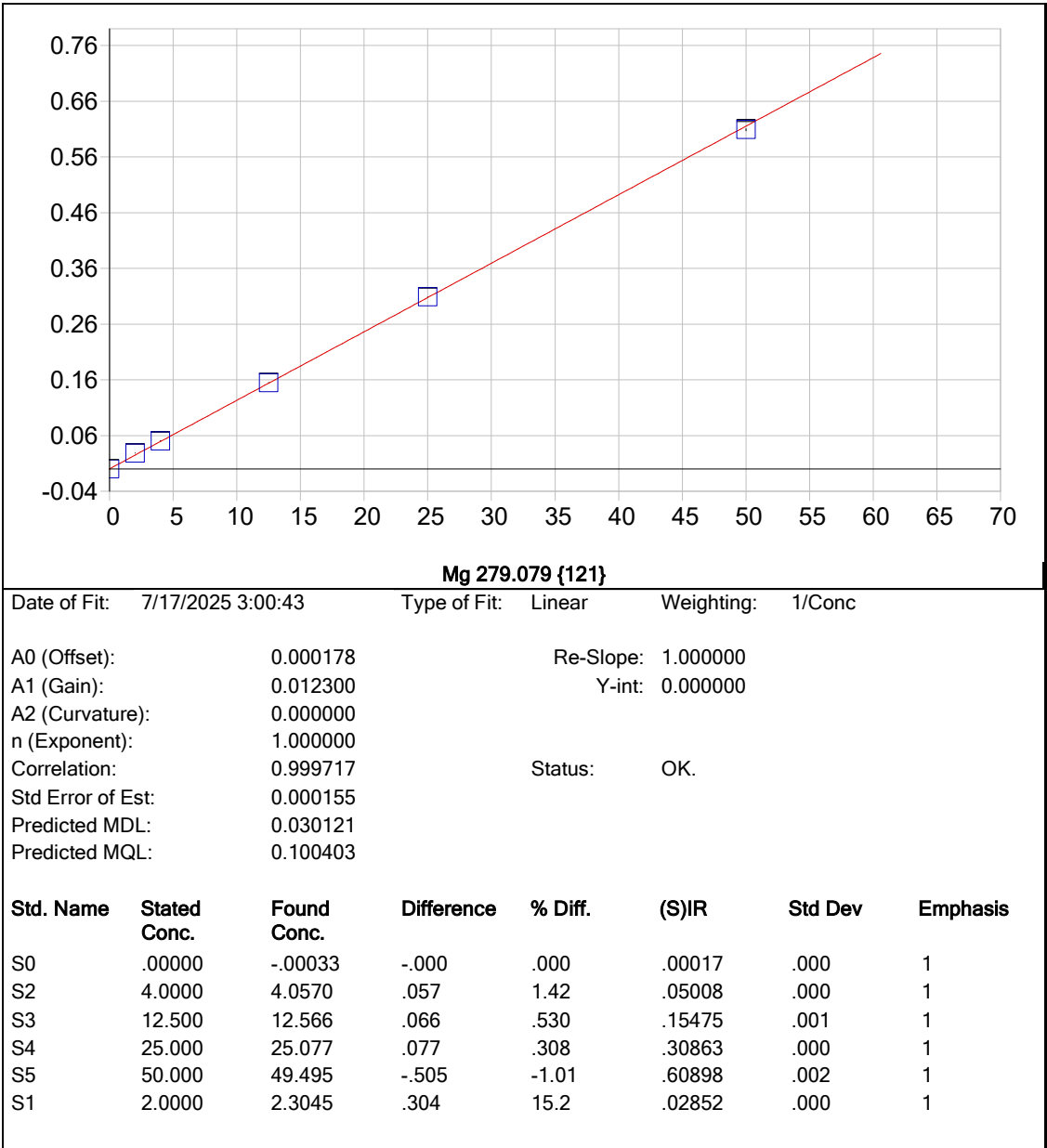


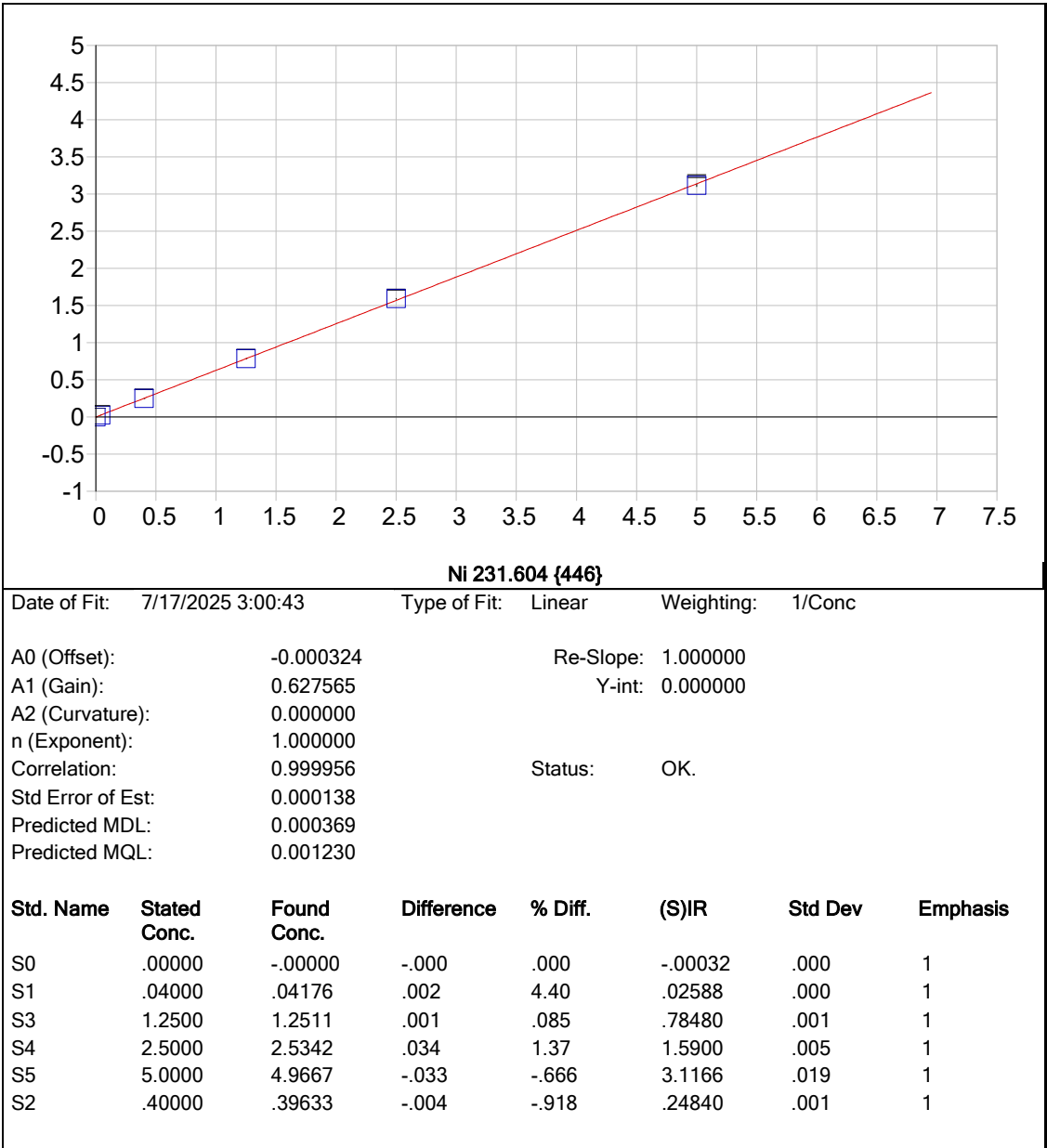


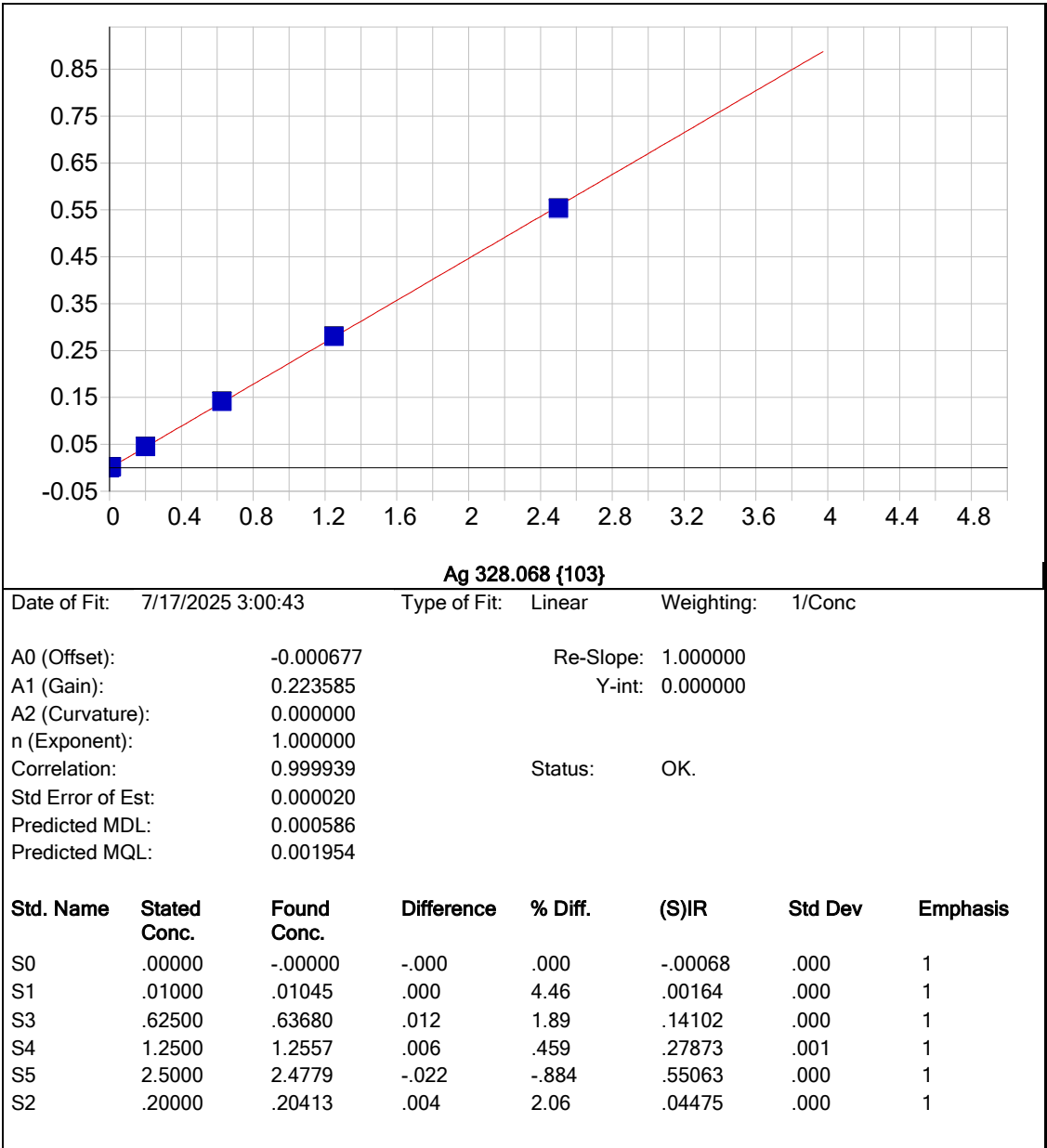


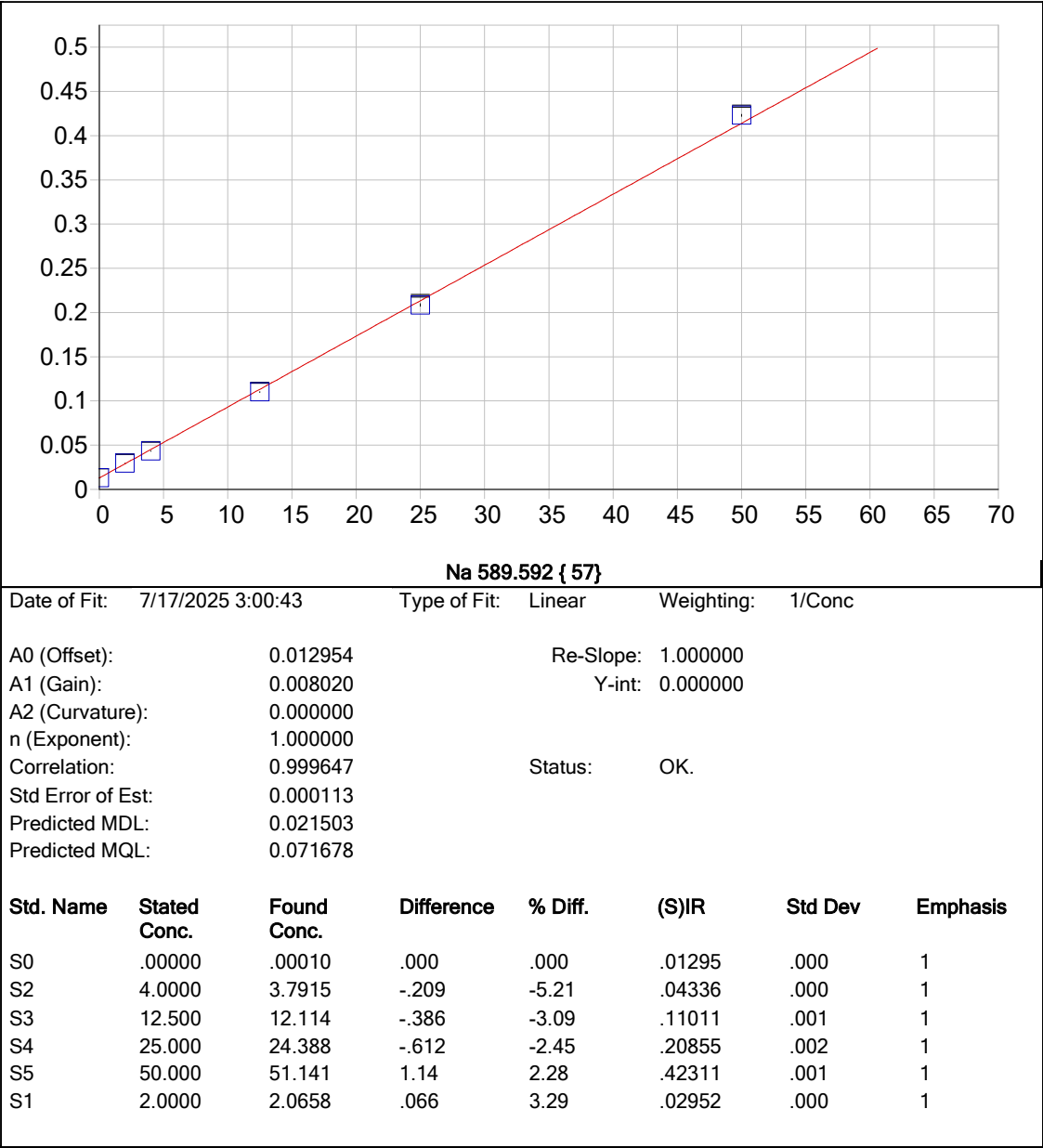


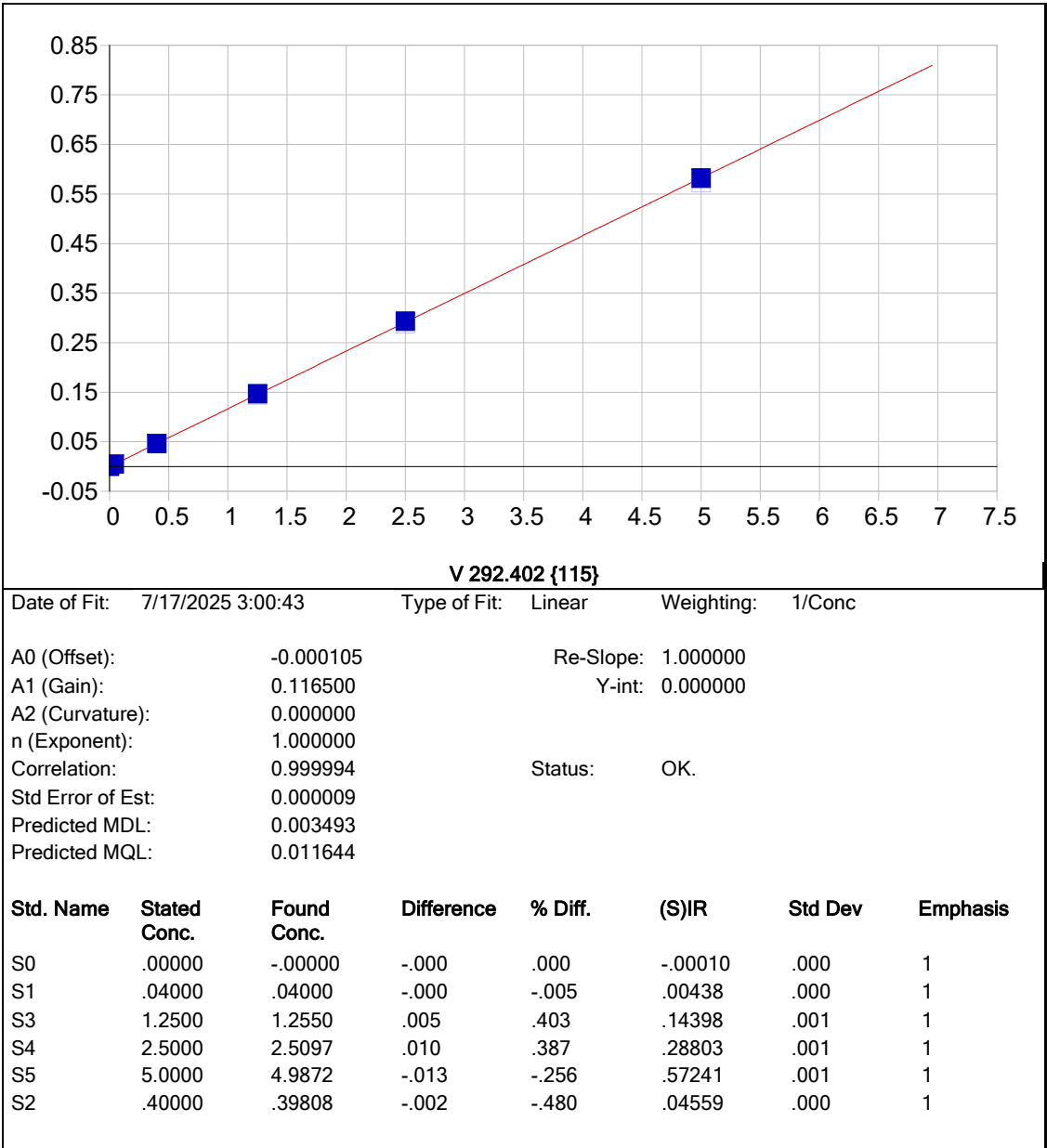


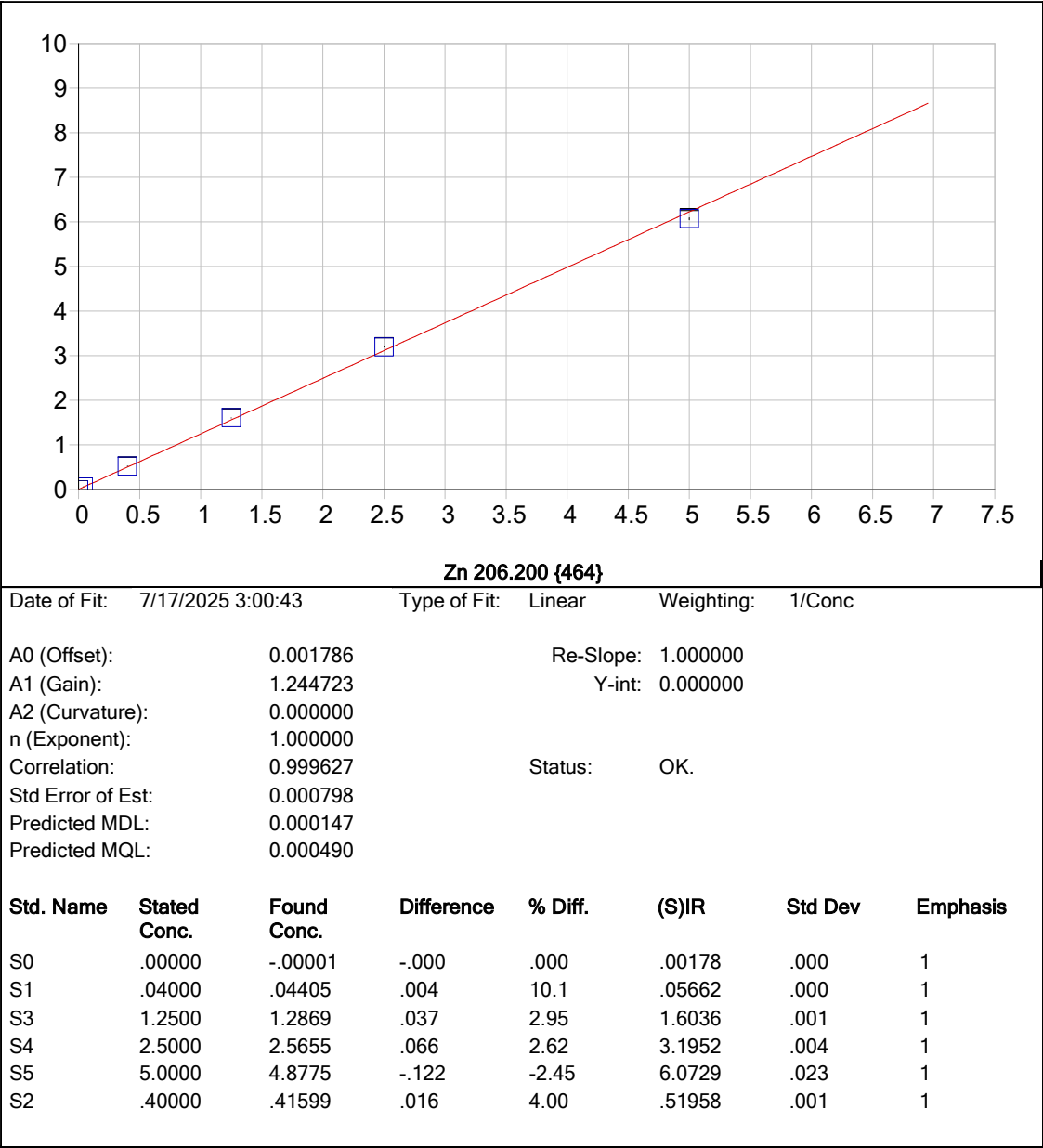


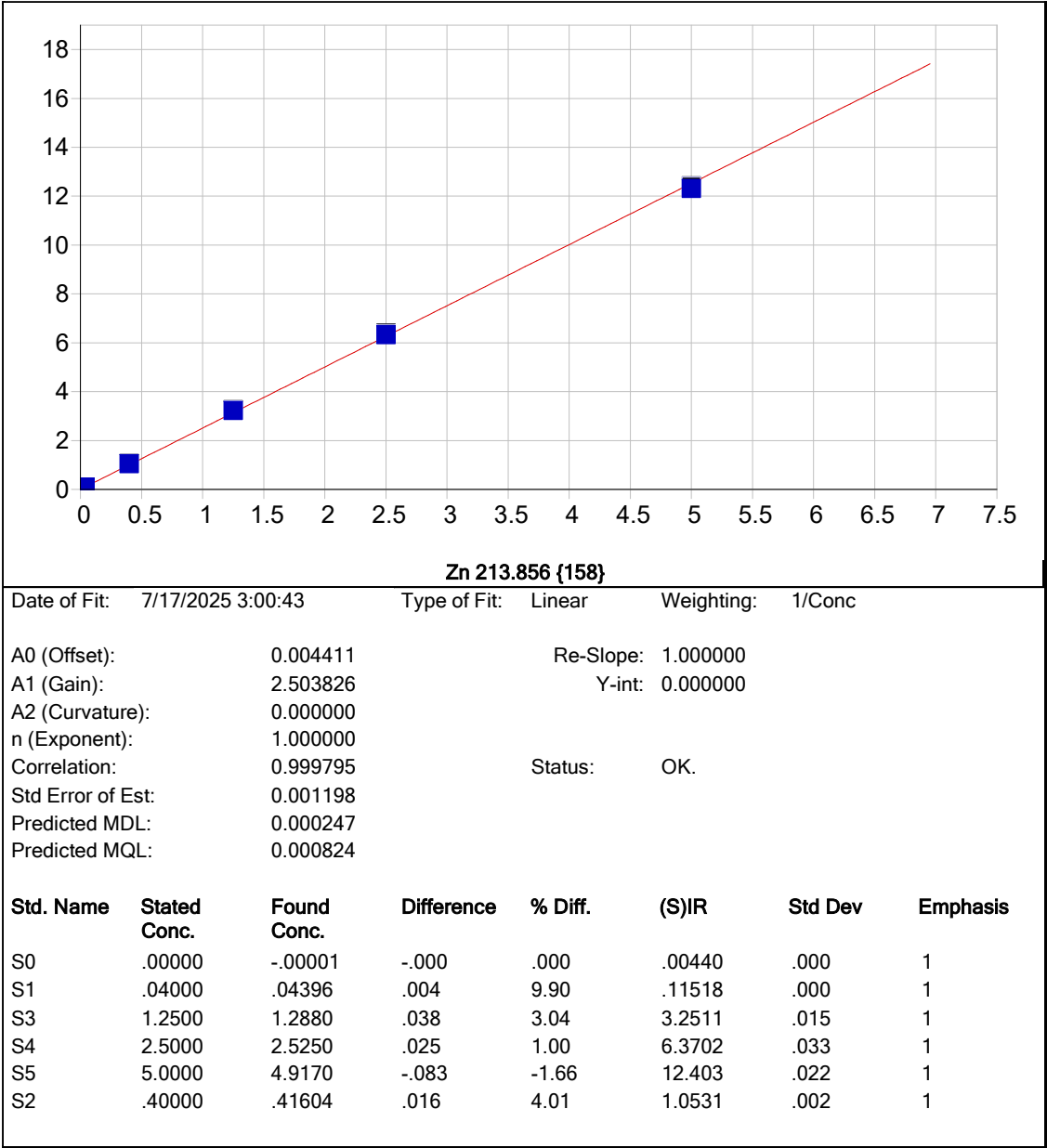


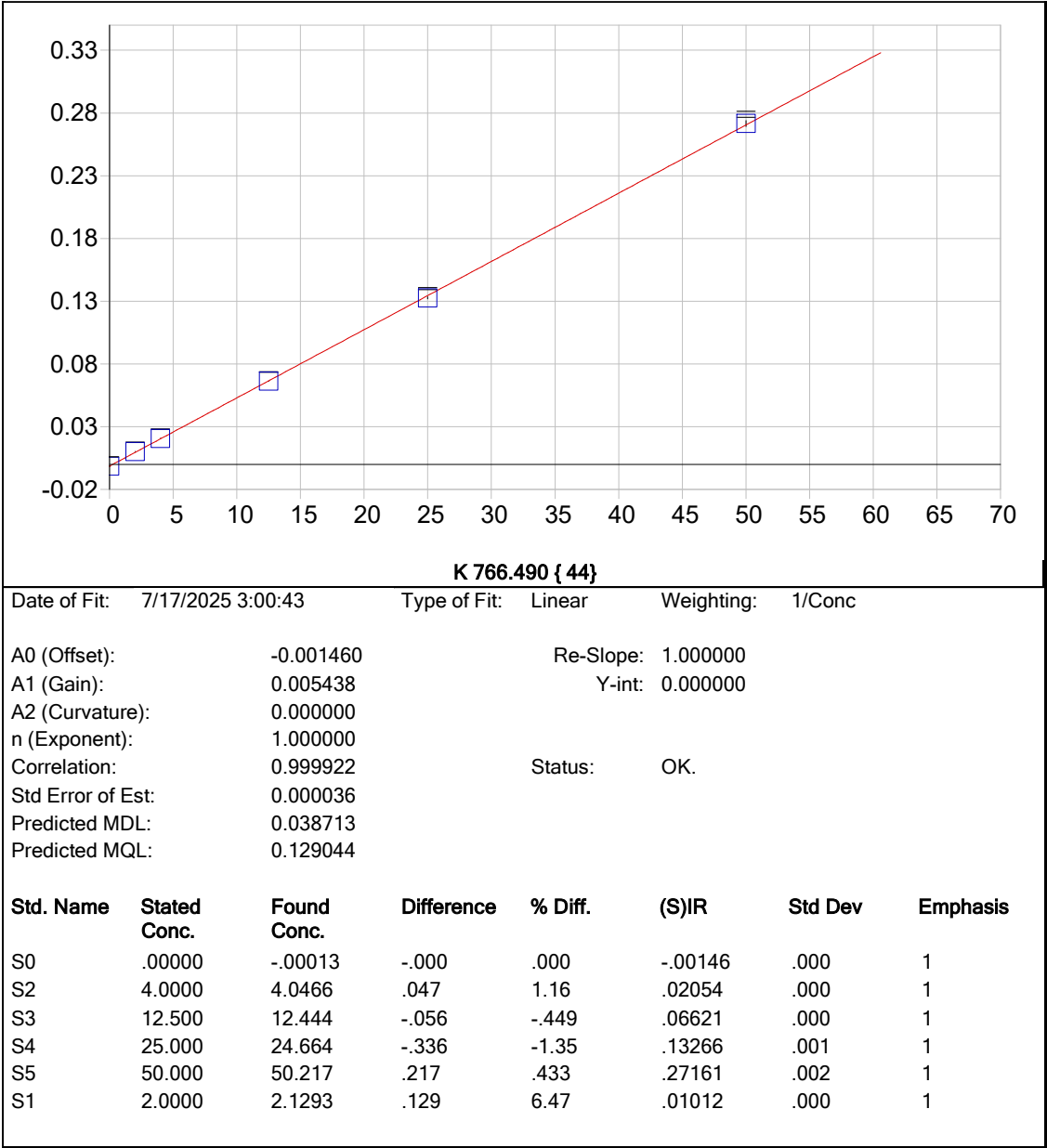


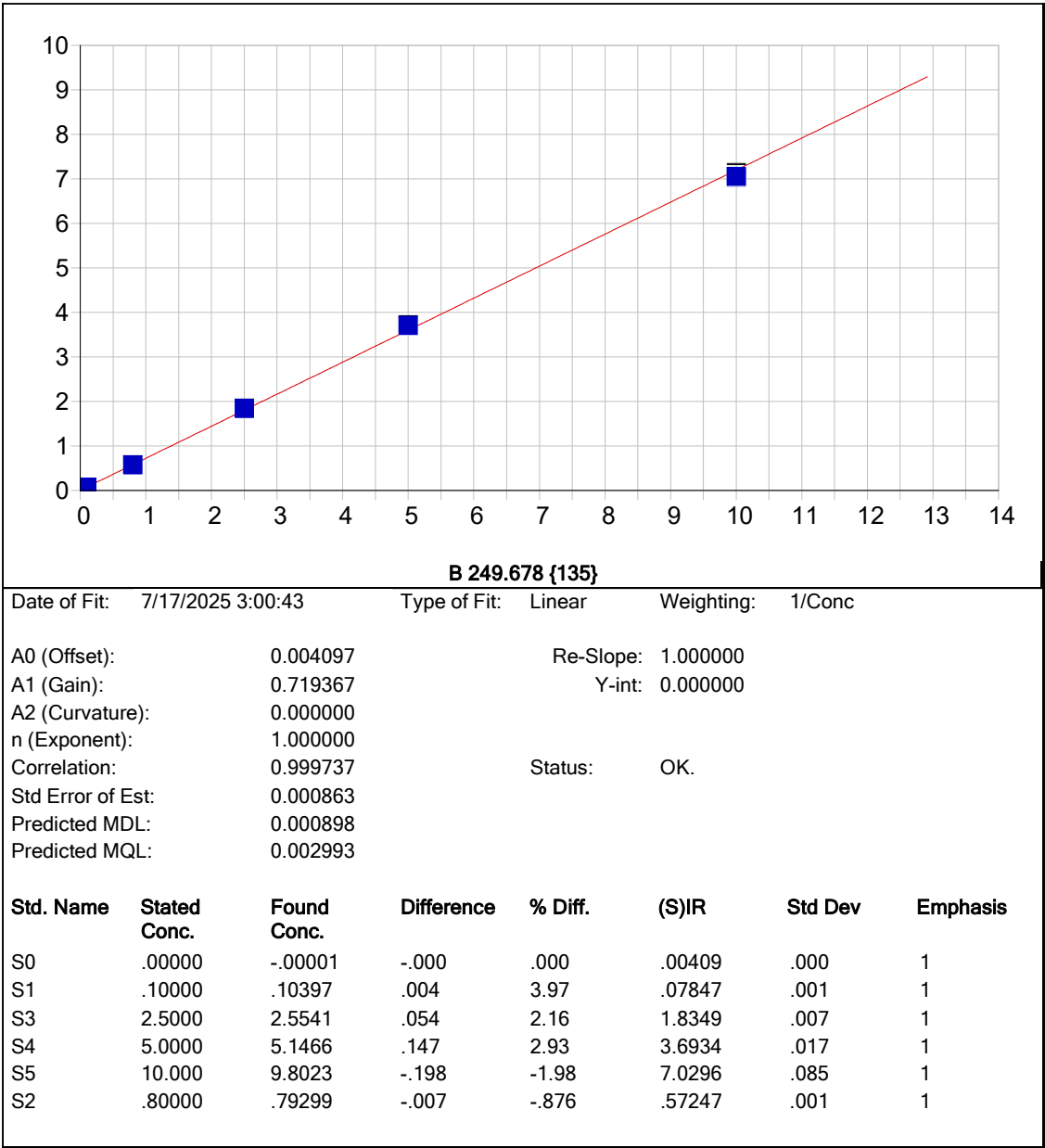


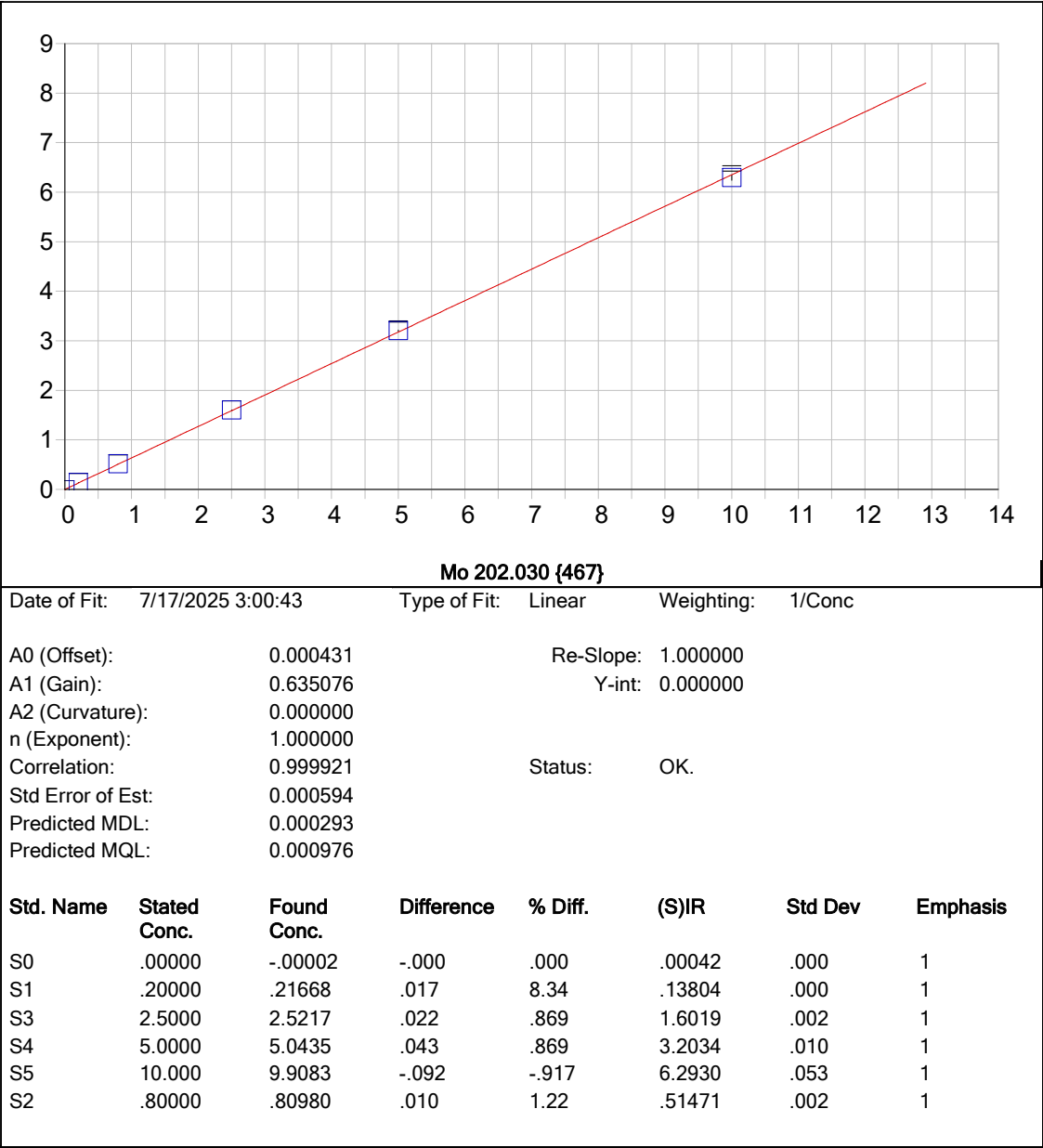


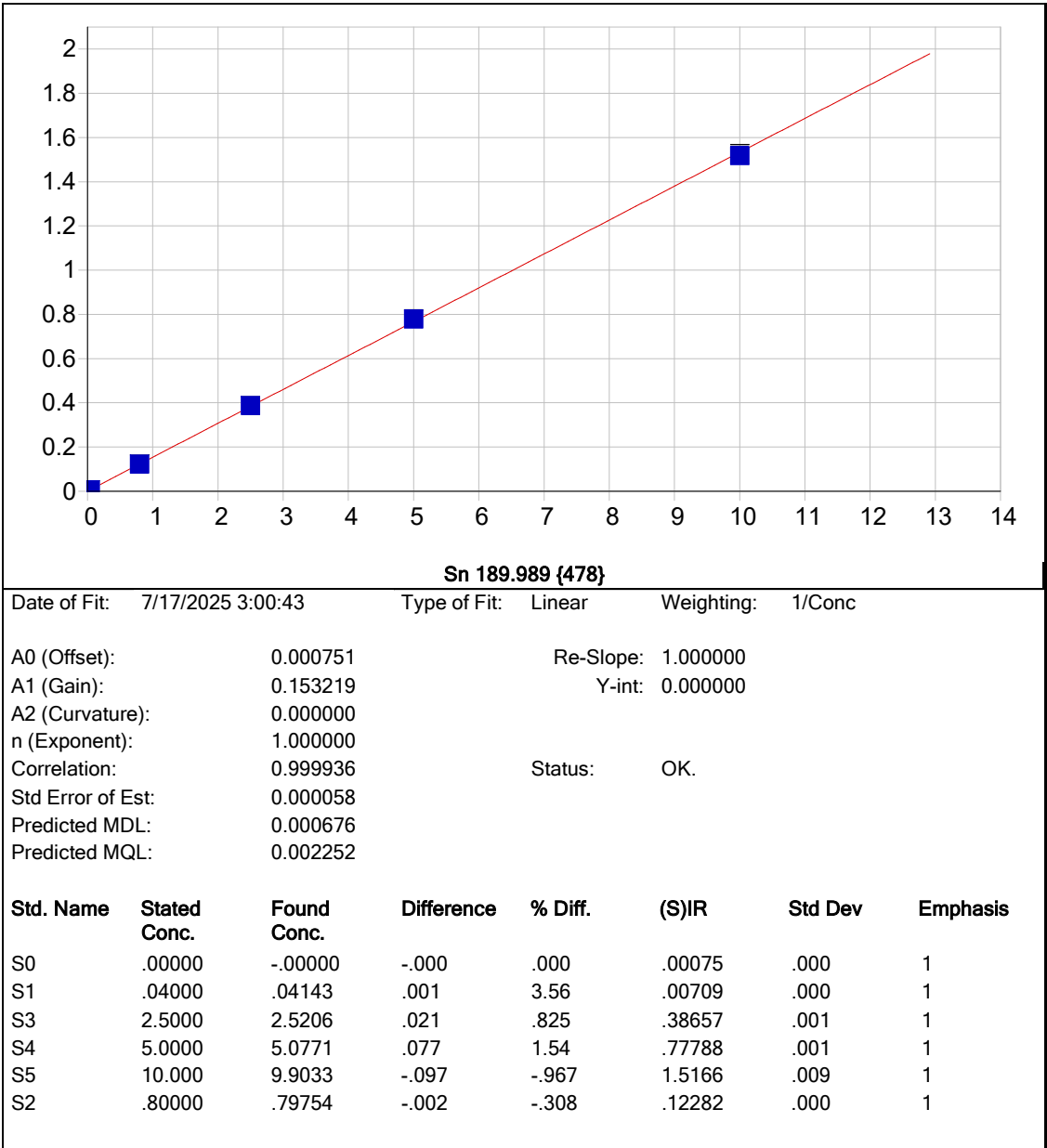


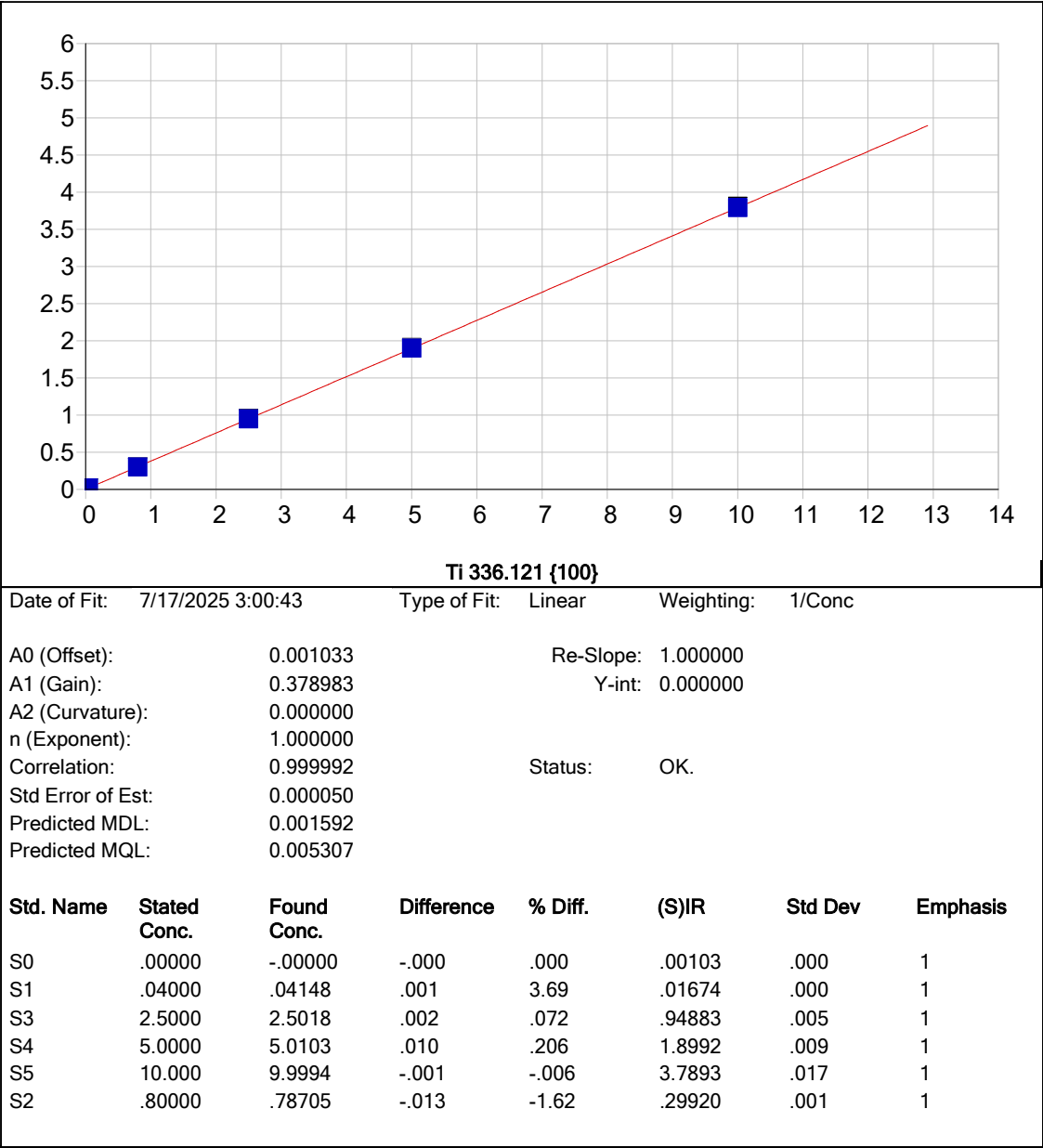


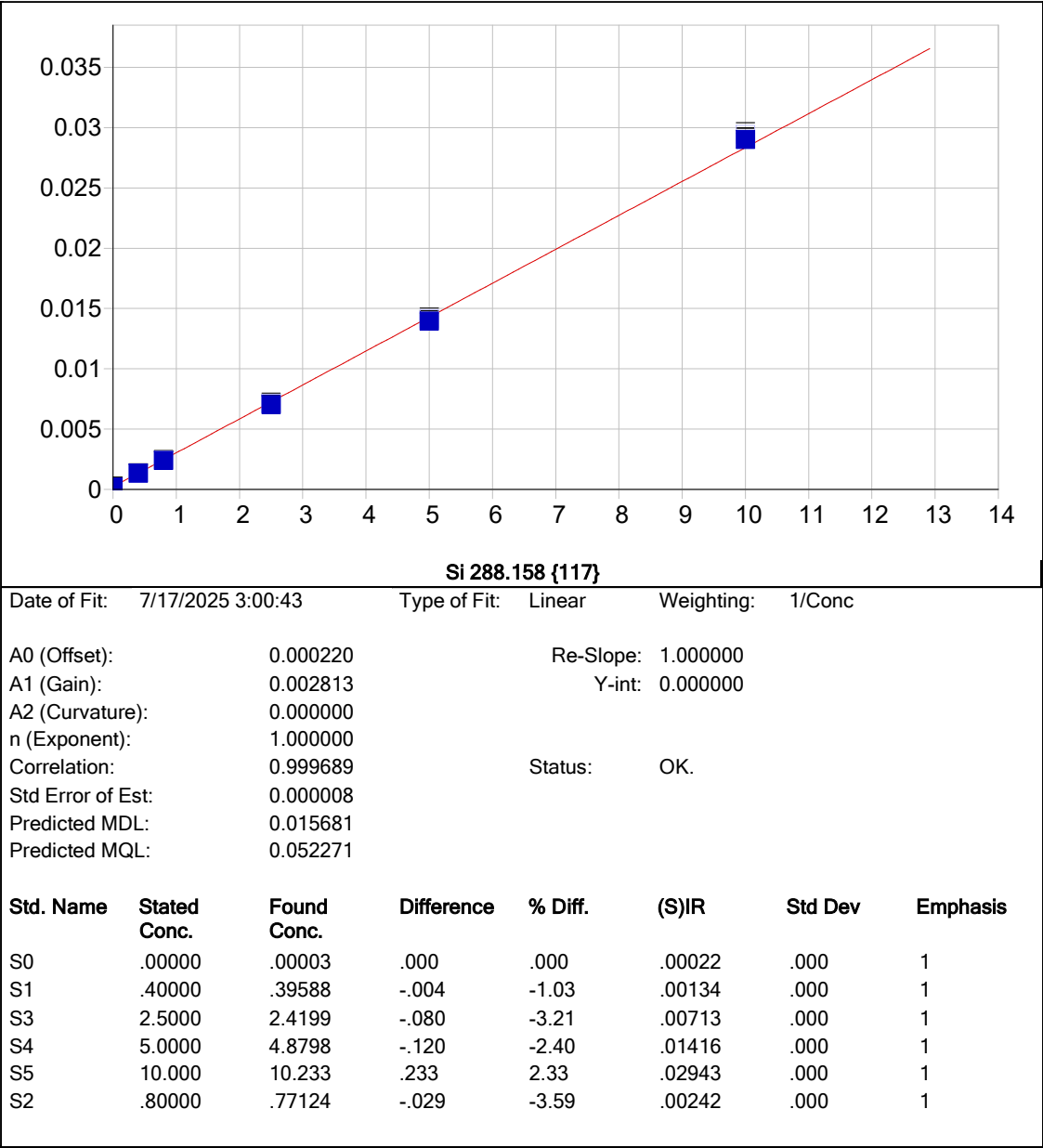


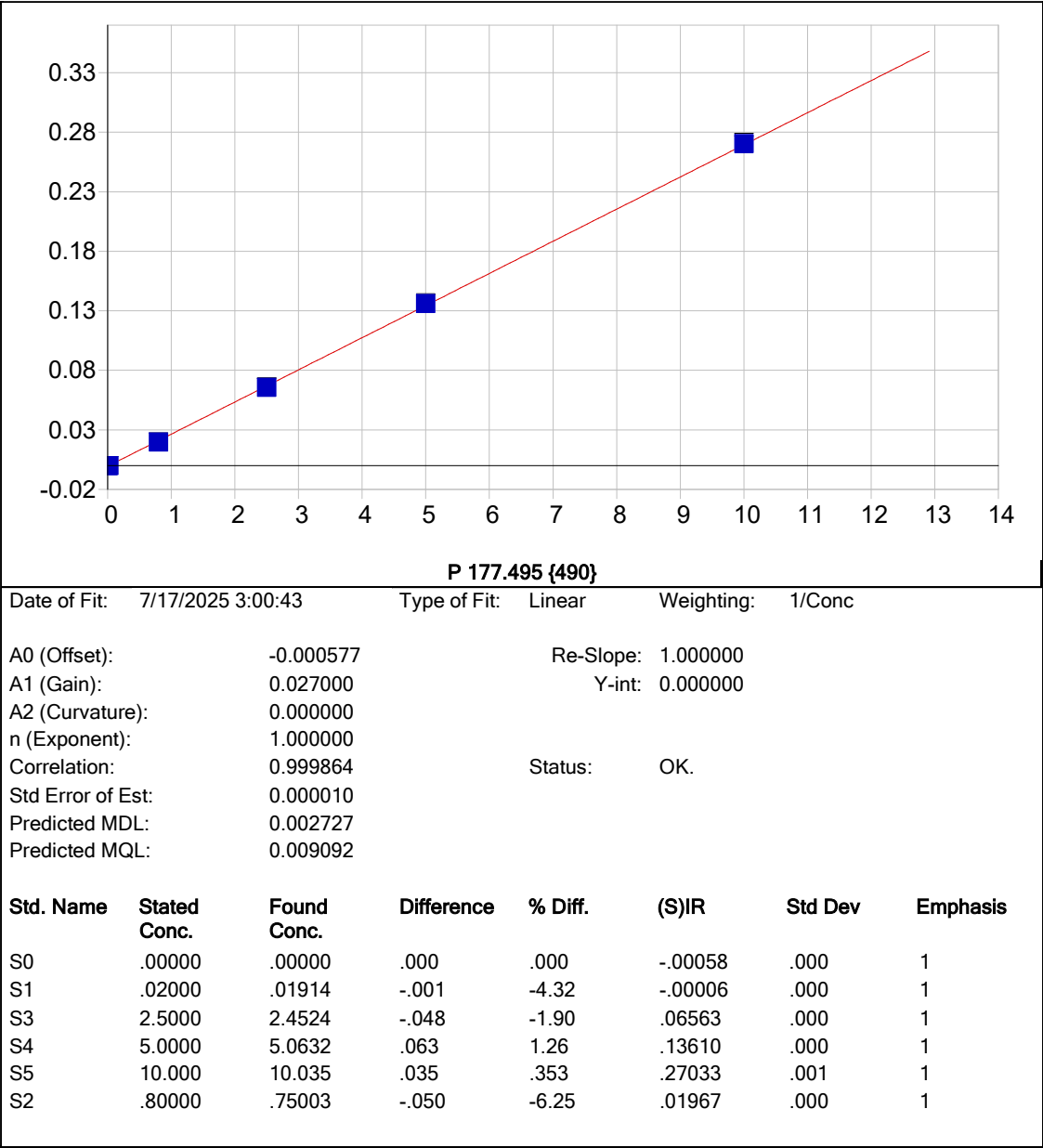


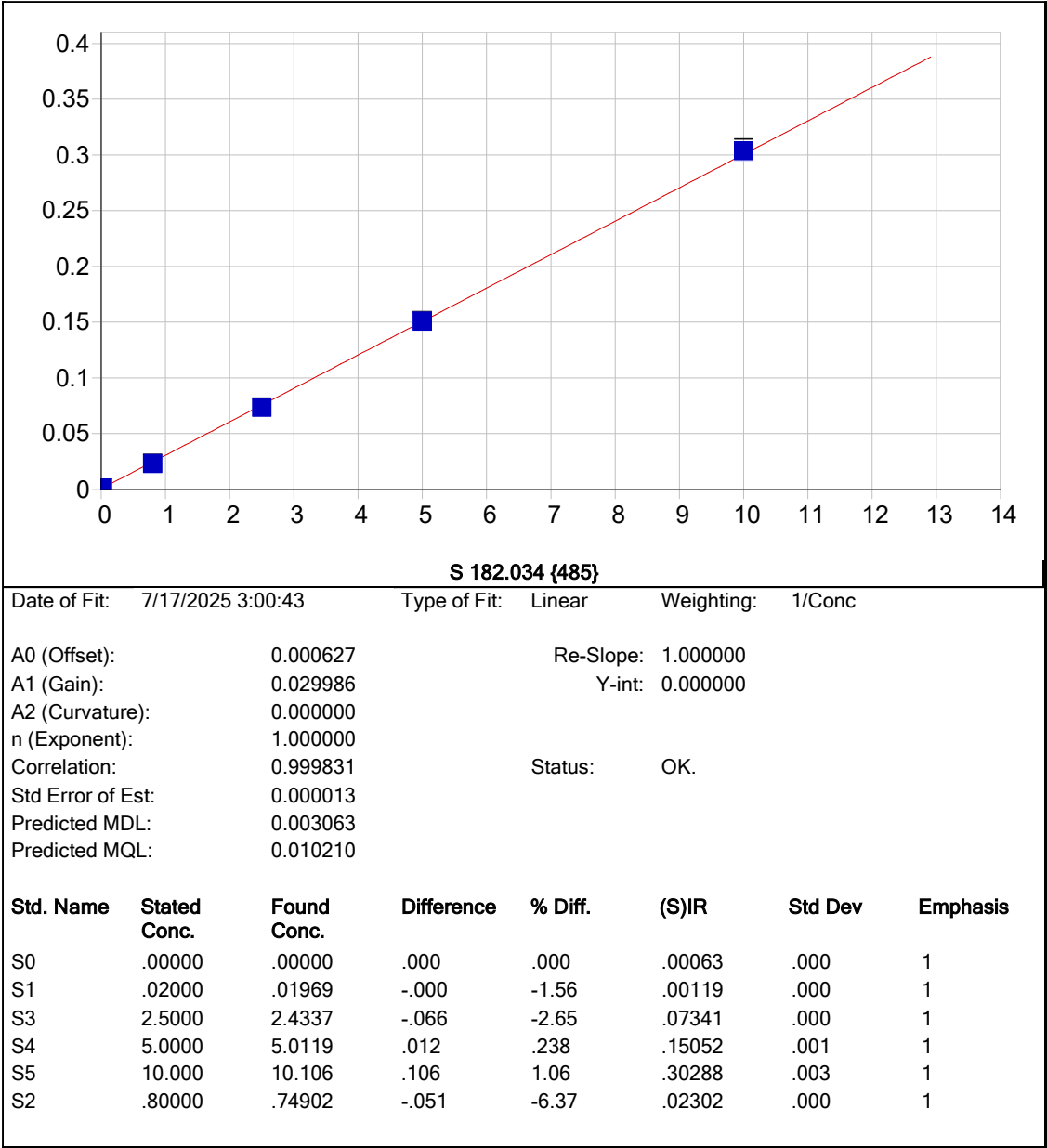


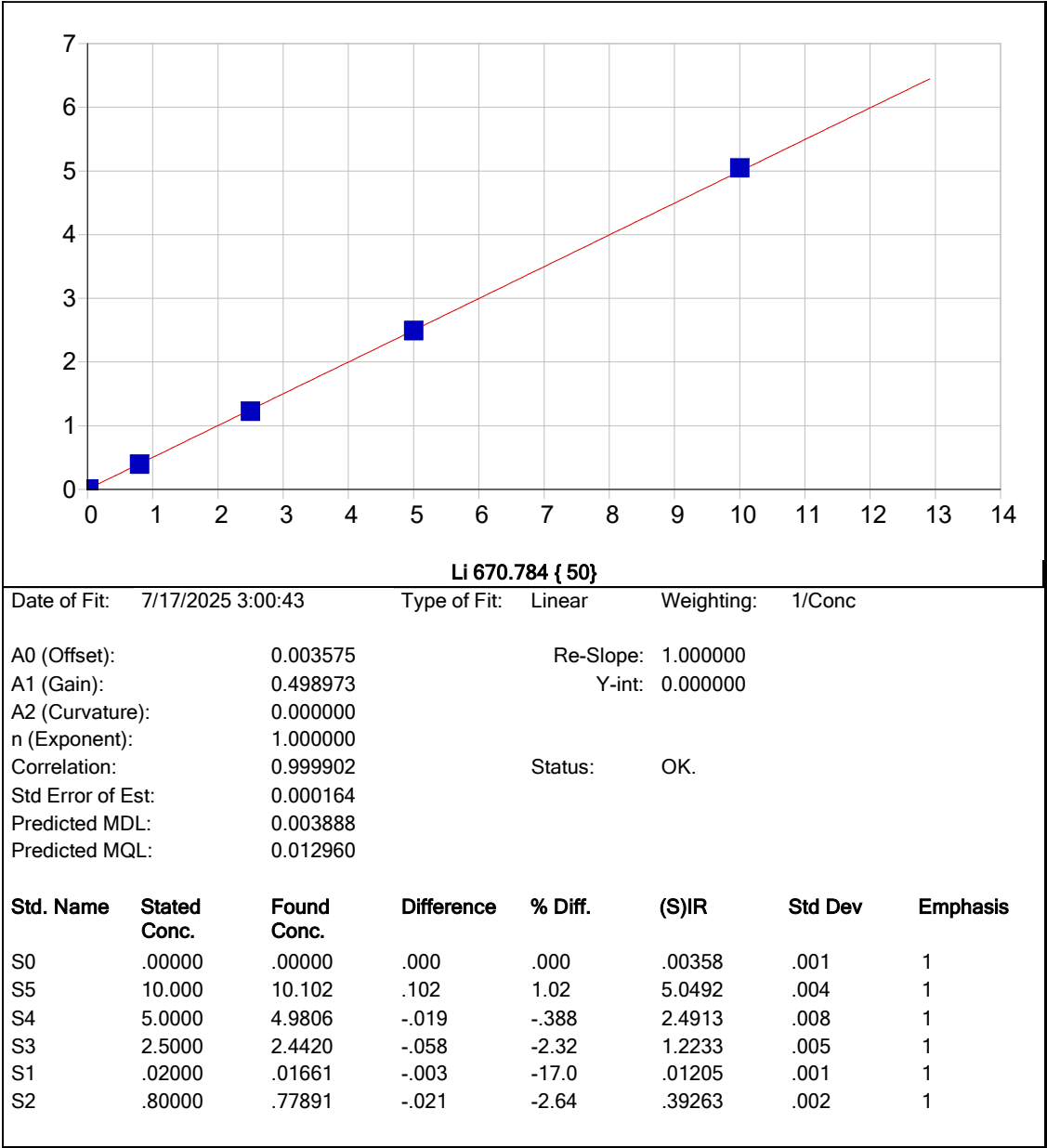


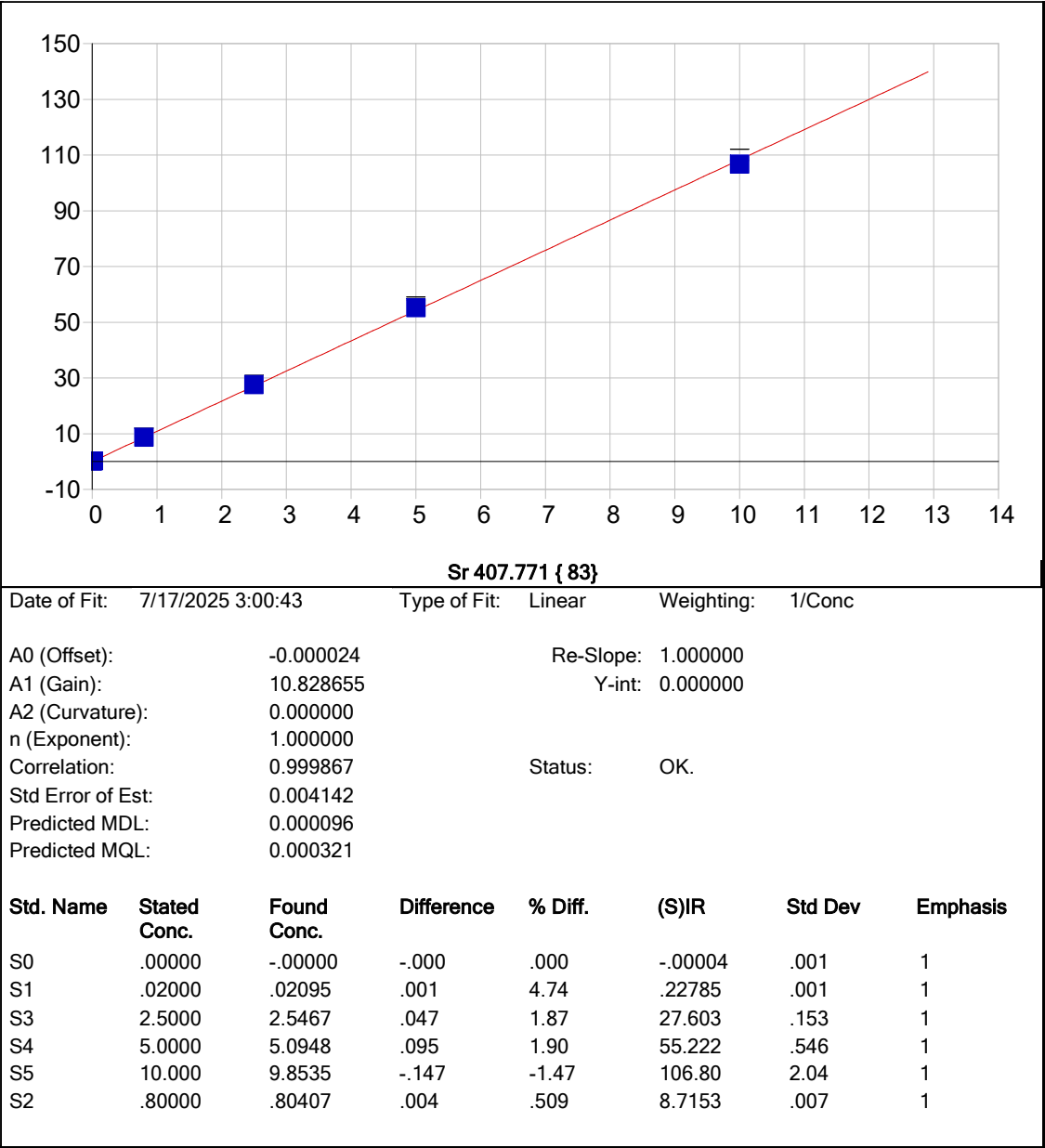


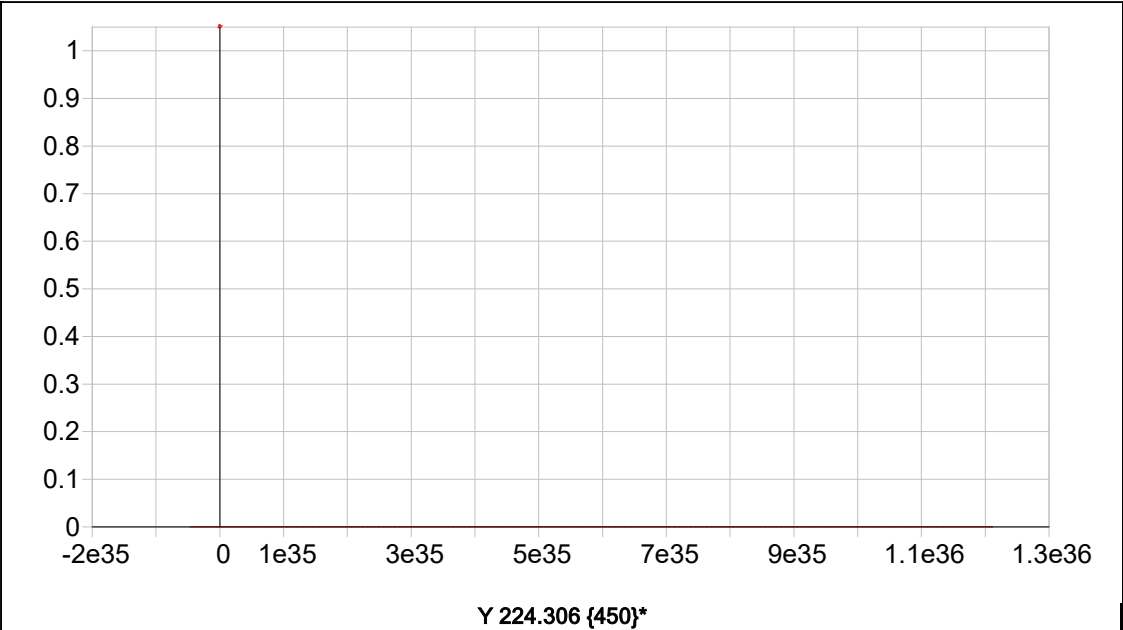






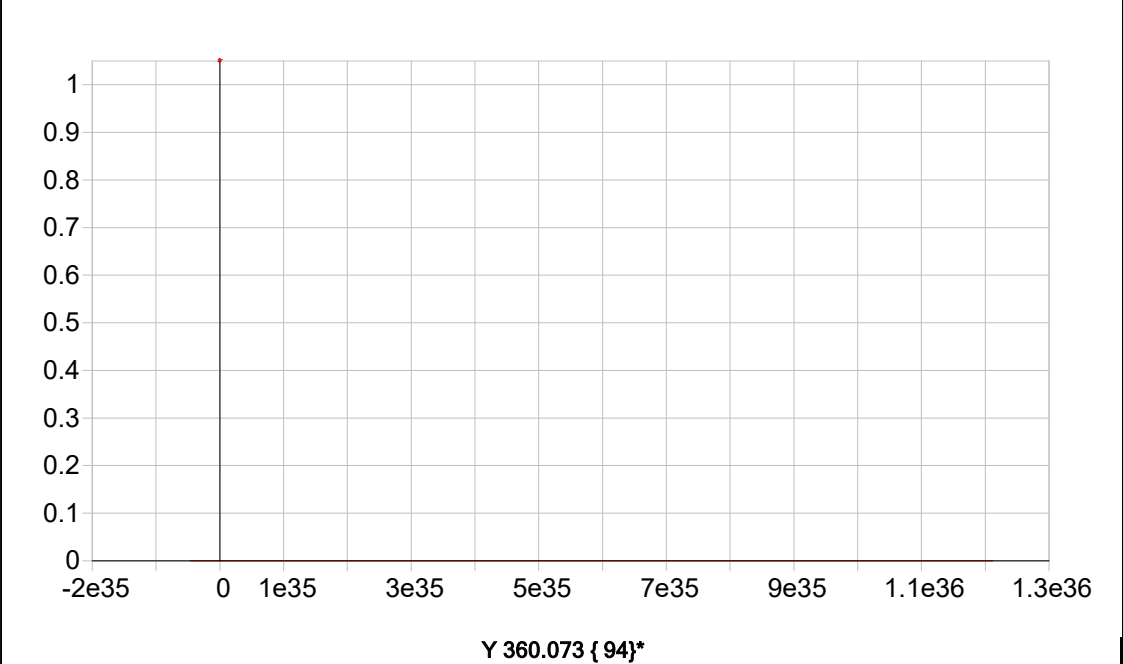




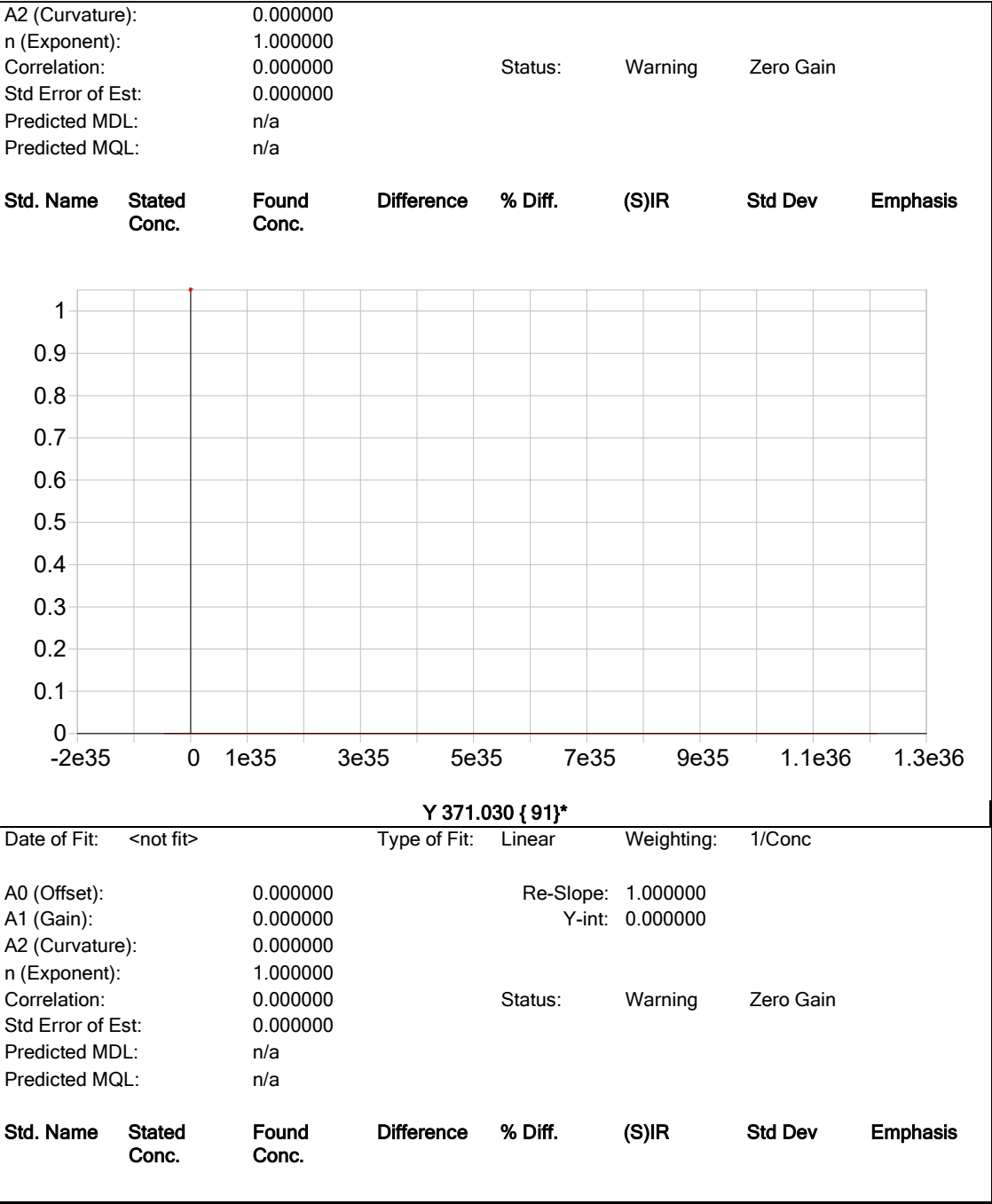


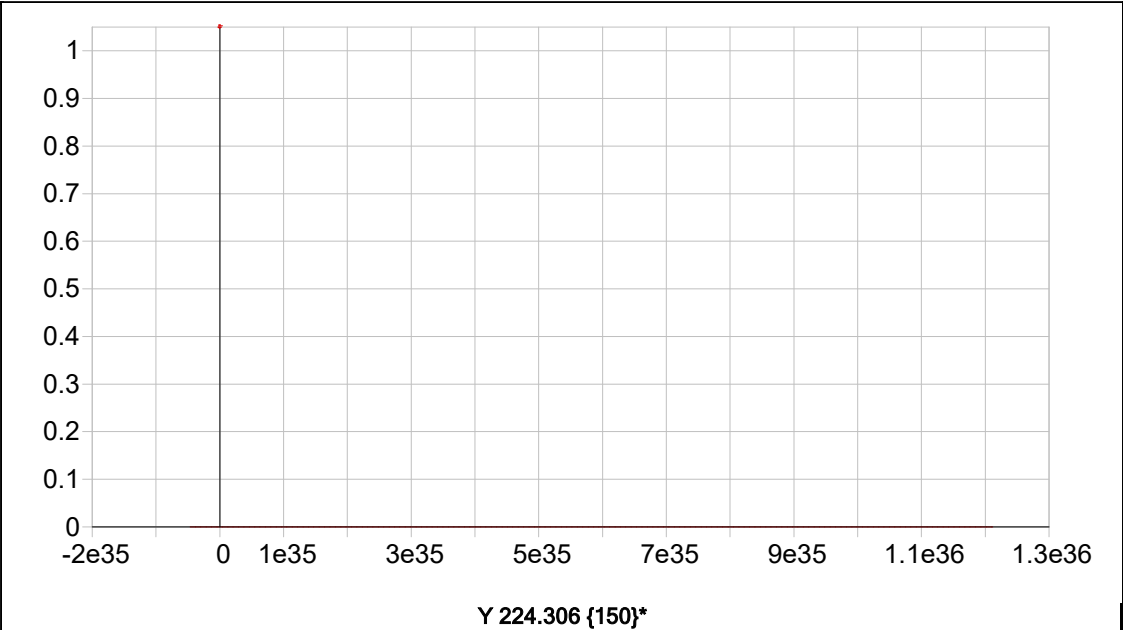
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A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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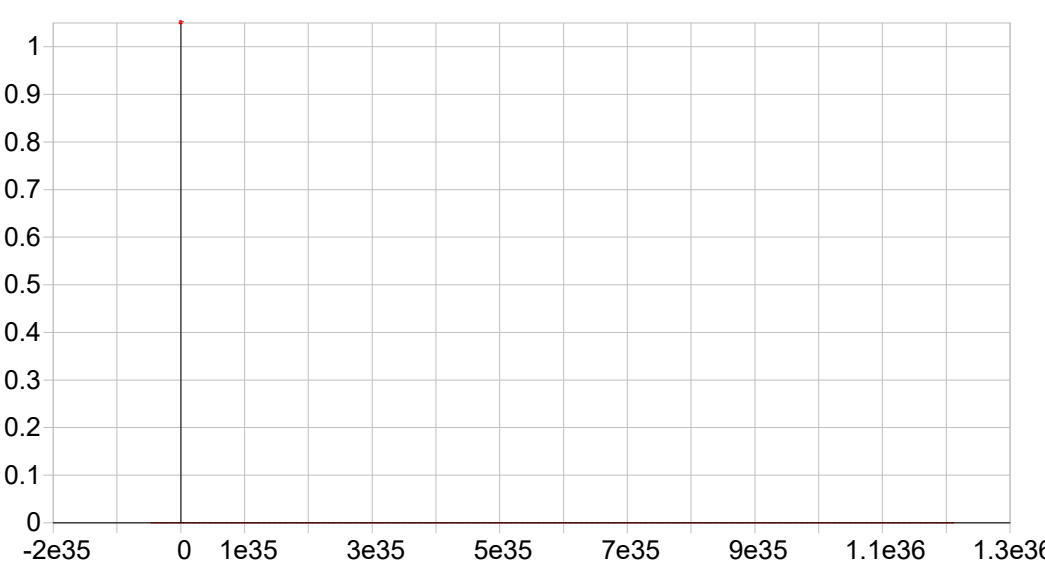


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A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}*							
Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000		Re-Slope:	1.000000			
A1 (Gain):	0.000000		Y-int:	0.000000			

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: 7/17/2025 0:00:23 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00009	-.00094	.00009	.00060	.00071	.00053	.06528	-.00213
Stddev	.00008	.00012	.00043	.00016	.00008	.00067	.00136	.00037
%RSD	85.820	12.677	485.33	26.180	10.723	125.78	2.0866	17.371

#1	-.00005	-.00107	-.00040	.00078	.00063	.00127	.06385	-.00226
#2	-.00018	-.00083	.00025	.00050	.00071	-.00005	.06545	-.00242
#3	-.00004	-.00093	.00042	.00051	.00078	.00038	.06655	-.00172

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	-.00081	.00118	.00015	.00030	.00054	.00006	.00038	.00017
Stddev	.00014	.00062	.00002	.00013	.00021	.00001	.00033	.00037
%RSD	17.187	52.719	11.358	41.896	40.008	16.248	86.750	214.21

#1	-.00080	.00105	.00014	.00016	.00030	.00007	.00001	.00060
#2	-.00095	.00185	.00017	.00036	.00059	.00005	.00048	-.00004
#3	-.00067	.00063	.00014	.00039	.00072	.00006	.00065	-.00004

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00032	-.00068	.01295	-.00010	.00440	-.00146	.00409	.00042
Stddev	.00020	.00005	.00024	.00009	.00009	.00016	.00014	.00012
%RSD	61.222	7.6789	1.8301	84.748	2.0685	10.831	3.4881	27.655

#1	-.00049	-.00070	.01319	-.00010	.00432	-.00155	.00394	.00032
#2	-.00011	-.00062	.01271	-.00019	.00436	-.00128	.00423	.00055
#3	-.00038	-.00071	.01296	-.00002	.00450	-.00156	.00411	.00039

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	.00075	.00103	.00022	-.00058	.00063	.00358	-.00004	
Stddev	.00001	.00026	.00002	.00005	.00005	.00121	.00089	
%RSD	1.4691	25.361	8.8206	7.8234	7.7921	33.771	2190.1	

#1	.00074	.00132	.00020	-.00053	.00058	.00483	.00098	
#2	.00074	.00081	.00022	-.00058	.00068	.00242	-.00069	
#3	.00076	.00097	.00024	-.00062	.00062	.00348	-.00041	

Sample Name: S0 Acquired: 7/17/2025 0:00:23 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5442.6	82127.	7882.7	4701.4	6915.8
Stddev	6.3	247.	10.9	8.0	15.7
%RSD	.11508	.30039	.13879	.17066	.22725
#1	5440.5	81856.	7894.4	4695.9	6904.2
#2	5437.7	82340.	7872.7	4697.8	6909.4
#3	5449.7	82185.	7881.0	4710.6	6933.7

Sample Name: S1 Acquired: 7/17/2025 0:04:46 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00117	.00182	.00303	.00140	.00596	.01012	.35174	.05391
Stddev	.00006	.00006	.00029	.00010	.00006	.00051	.00395	.00025
%RSD	5.2060	3.0419	9.6809	7.4091	.94842	4.9908	1.1220	.46248

#1	.00111	.00183	.00292	.00135	.00590	.00991	.34834	.05392
#2	.00118	.00188	.00337	.00133	.00602	.01070	.35082	.05366
#3	.00123	.00177	.00281	.00152	.00596	.00975	.35607	.05416

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	.01791	.15077	.00220	.03361	.01662	.00054	.01353	.02852
Stddev	.00016	.00073	.00001	.00019	.00004	.00002	.00019	.00024
%RSD	.86729	.48571	.52560	.56253	.24836	4.4750	1.3684	.83027

#1	.01807	.15074	.00220	.03379	.01661	.00052	.01369	.02863
#2	.01776	.15005	.00222	.03362	.01659	.00052	.01332	.02869
#3	.01789	.15152	.00220	.03342	.01667	.00056	.01357	.02825

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	.02588	.00164	.02952	.00438	.11518	.01012	.07847	.13804
Stddev	.00013	.00010	.00011	.00044	.00030	.00009	.00090	.00020
%RSD	.51252	5.8972	.38937	10.037	.26286	.90495	1.1434	.14735

#1	.02595	.00159	.02956	.00455	.11533	.01002	.07938	.13805
#2	.02573	.00158	.02961	.00471	.11483	.01021	.07759	.13783
#3	.02597	.00175	.02939	.00388	.11538	.01013	.07843	.13824

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	.00709	.01674	.00134	-.00006	.00119	.01205	.22785	
Stddev	.00010	.00027	.00001	.00009	.00010	.00053	.00131	
%RSD	1.4740	1.6358	1.1038	142.98	8.5739	4.3956	.57469	

#1	.00707	.01654	.00133	-.00016	.00107	.01163	.22641	
#2	.00721	.01663	.00135	-.00002	.00126	.01186	.22817	
#3	.00700	.01705	.00133	-.00000	.00124	.01264	.22897	

Sample Name: S1 Acquired: 7/17/2025 0:04:46 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5413.8	80791.	7822.5	4578.7	6887.9
Stddev	3.0	168.	37.0	12.2	4.8
%RSD	.05515	.20777	.47295	.26700	.06924
#1	5416.2	80624.	7781.8	4565.5	6885.4
#2	5414.8	80789.	7854.1	4580.9	6893.4
#3	5410.5	80960.	7831.6	4589.6	6885.0

Sample Name: S2 Acquired: 7/17/2025 0:09:07 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04574	.05190	.16377	.03718	.08005	.13412	4.4009	.34918	1.1896
Stddev	.00022	.00261	.00050	.00023	.00039	.00101	.0030	.00211	.0034
%RSD	.48923	5.0226	.30474	.61109	.48864	.75363	.06734	.60436	.28972
#1	.04600	.05485	.16405	.03744	.08047	.13376	4.4021	.35147	1.1920
#2	.04557	.05094	.16320	.03702	.07970	.13333	4.4031	.34730	1.1857
#3	.04567	.04991	.16408	.03709	.07999	.13526	4.3975	.34879	1.1912
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28827	.03110	.42326	.14870	.00347	.24260	.05008	.24840	.04475
Stddev	.00188	.00013	.00119	.00021	.00005	.00044	.00045	.00071	.00017
%RSD	.65311	.43401	.28192	.13923	1.4169	.18109	.89801	.28721	.38881
#1	.28954	.03097	.42406	.14893	.00347	.24234	.05052	.24874	.04492
#2	.28916	.03124	.42189	.14852	.00352	.24310	.04962	.24758	.04474
#3	.28611	.03108	.42383	.14865	.00343	.24235	.05011	.24888	.04458
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04336	.04559	1.0531	.02054	.57247	.51471	.12282	.29920	.00242
Stddev	.00018	.00046	.0020	.00014	.00122	.00172	.00031	.00121	.00003
%RSD	.40602	.99902	.18890	.66952	.21366	.33353	.25100	.40527	1.4075
#1	.04333	.04547	1.0548	.02050	.57386	.51669	.12318	.29897	.00239
#2	.04355	.04610	1.0535	.02070	.57201	.51365	.12267	.30051	.00242
#3	.04320	.04521	1.0509	.02043	.57155	.51379	.12262	.29812	.00246
Elem	P_1774	S_1820	Li6707	Sr4077					
Units	Cts/S	Cts/S	Cts/S	Cts/S					
Avg	.01967	.02302	.39263	8.7153					
Stddev	.00012	.00018	.00190	.0074					
%RSD	.60075	.80247	.48267	.08495					
#1	.01980	.02324	.39285	8.7238					
#2	.01962	.02295	.39440	8.7105					
#3	.01958	.02289	.39063	8.7116					

Sample Name: S2 Acquired: 7/17/2025 0:09:07 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5418.1	82501.	7842.1	4613.3	6744.8
Stddev	11.6	72.	35.2	15.3	17.6
%RSD	.21497	.08729	.44877	.33177	.26088
#1	5411.9	82440.	7801.6	4596.4	6739.0
#2	5431.5	82482.	7859.9	4617.3	6764.6
#3	5410.8	82580.	7864.8	4626.2	6730.8

Sample Name: S3 Acquired: 7/17/2025 0:13:12 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14472	.16890	.51531	.11675	.25168	.41249	13.755	1.1287	3.7795
Stddev	.00047	.00300	.00087	.00027	.00022	.00125	.065	.0041	.0015
%RSD	.32383	1.7763	.16894	.23537	.08902	.30275	.47580	.36030	.04083
#1	.14483	.16544	.51468	.11644	.25188	.41114	13.699	1.1333	3.7809
#2	.14420	.17066	.51496	.11697	.25144	.41361	13.738	1.1260	3.7778
#3	.14512	.17061	.51630	.11683	.25172	.41271	13.827	1.1266	3.7796
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.90621	.09770	1.3336	.45950	.01091	.75935	.15475	.78480	.14102
Stddev	.00395	.00022	.0009	.00088	.00003	.00367	.00070	.00109	.00032
%RSD	.43634	.22894	.06604	.19250	.28158	.48382	.45178	.13860	.22354
#1	.90291	.09785	1.3331	.45929	.01087	.75521	.15397	.78570	.14070
#2	.90512	.09780	1.3331	.45873	.01092	.76063	.15493	.78359	.14133
#3	.91059	.09744	1.3347	.46046	.01093	.76222	.15534	.78511	.14103
Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11011	.14398	3.2511	.06621	1.8349	1.6019	.38657	.94883	.00713
Stddev	.00058	.00077	.0147	.00029	.0070	.0017	.00068	.00543	.00009
%RSD	.52650	.53314	.45317	.44120	.38186	.10393	.17669	.57256	1.2220
#1	.10971	.14323	3.2571	.06587	1.8427	1.6008	.38578	.94392	.00703
#2	.11077	.14476	3.2619	.06633	1.8292	1.6012	.38695	.94790	.00719
#3	.10984	.14396	3.2343	.06642	1.8329	1.6038	.38697	.95466	.00718
Elem	P_1774	S_1820	Li6707	Sr4077					
Units	Cts/S	Cts/S	Cts/S	Cts/S					
Avg	.06563	.07341	1.2233	27.603					
Stddev	.00033	.00011	.0047	.153					
%RSD	.50103	.14582	.38712	.55344					
#1	.06538	.07329	1.2189	27.428					
#2	.06549	.07350	1.2283	27.711					
#3	.06600	.07343	1.2227	27.671					

Sample Name: S3 Acquired: 7/17/2025 0:13:12 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5322.2	80880.	7550.1	4512.0	6507.4
Stddev	12.5	142.	27.3	11.9	10.5
%RSD	.23406	.17579	.36114	.26264	.16171
#1	5309.0	81034.	7529.8	4517.0	6496.1
#2	5333.7	80754.	7581.1	4498.4	6517.0
#3	5324.0	80853.	7539.4	4520.4	6508.9

Sample Name: S4 Acquired: 7/17/2025 0:17:18 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29060	.33273	1.0361	.23172	.50053	.82166	27.540	2.2481	7.7061
Stddev	.00099	.00789	.0032	.00093	.00164	.00372	.126	.0108	.0113
%RSD	.34014	2.3721	.30521	.39959	.32772	.45317	.45803	.47954	.14630

#1	.29021	.33828	1.0327	.23160	.49977	.81749	27.423	2.2604	7.6947
#2	.28986	.32370	1.0368	.23086	.49941	.82465	27.674	2.2402	7.7063
#3	.29172	.33623	1.0389	.23270	.50241	.82284	27.525	2.2437	7.7172

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7994	.18904	2.7034	.91059	.02136	1.5097	.30863	1.5900	.27873
Stddev	.0069	.00056	.0068	.00293	.00015	.0045	.00049	.0053	.00068
%RSD	.38325	.29856	.25037	.32182	.69782	.30049	.15718	.33162	.24549

#1	1.7914	.18942	2.6969	.90881	.02119	1.5047	.30810	1.5844	.27882
#2	1.8034	.18839	2.7030	.90898	.02146	1.5110	.30875	1.5908	.27801
#3	1.8034	.18930	2.7104	.91397	.02143	1.5134	.30905	1.5949	.27937

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.20855	.28803	6.3702	.13266	3.6934	3.2034	.77788	1.8992	.01416
Stddev	.00163	.00092	.0329	.00091	.0169	.0097	.00066	.0085	.00011
%RSD	.78157	.32105	.51600	.68534	.45836	.30119	.08521	.44866	.79802

#1	.20761	.28708	6.4027	.13161	3.7115	3.1975	.77722	1.8895	.01403
#2	.20760	.28808	6.3708	.13311	3.6780	3.1982	.77786	1.9055	.01418
#3	.21043	.28892	6.3370	.13325	3.6908	3.2145	.77855	1.9025	.01425

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13610	.15052	2.4913	55.222
Stddev	.00042	.00064	.0080	.546
%RSD	.30958	.42280	.31911	.98823

#1	.13613	.15061	2.4827	55.375
#2	.13567	.14985	2.4926	54.616
#3	.13651	.15111	2.4984	55.675

Sample Name: S4 Acquired: 7/17/2025 0:17:18 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5178.4	81020.	7458.6	4447.2	6191.8
Stddev	6.7	353.	18.7	5.7	7.1
%RSD	.12987	.43513	.25051	.12742	.11511
#1	5186.0	81364.	7445.9	4449.1	6197.7
#2	5173.6	81038.	7480.1	4440.8	6183.9
#3	5175.4	80659.	7449.9	4451.6	6193.7

Sample Name: S5 Acquired: 7/17/2025 0:21:31 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57087	.64881	2.0478	.45565	.99784	1.6275	54.635	4.2629	14.982
Stddev	.00466	.00819	.0097	.00445	.00954	.0039	.273	.0498	.078
%RSD	.81582	1.2627	.47313	.97665	.95595	.23814	.49986	1.1671	.52302

#1	.56770	.64061	2.0428	.45214	.99105	1.6306	54.951	4.3201	14.940
#2	.56870	.64882	2.0415	.45416	.99374	1.6231	54.481	4.2293	14.933
#3	.57622	.65699	2.0589	.46066	1.0087	1.6286	54.475	4.2393	15.072

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5524	.36483	5.3411	1.7547	.04329	2.9715	.60898	3.1166	.55063
Stddev	.0168	.00084	.0361	.0136	.00040	.0068	.00193	.0185	.00040
%RSD	.47295	.22890	.67611	.77681	.92261	.22854	.31651	.59398	.07338

#1	3.5536	.36538	5.3208	1.7471	.04283	2.9727	.61046	3.1070	.55105
#2	3.5350	.36387	5.3196	1.7466	.04355	2.9642	.60680	3.1049	.55061
#3	3.5686	.36525	5.3828	1.7705	.04349	2.9776	.60969	3.1379	.55024

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.42311	.57241	12.403	.27161	7.0296	6.2930	1.5166	3.7893	.02943
Stddev	.00117	.00120	.022	.00241	.0850	.0527	.0089	.0171	.00023
%RSD	.27675	.20915	.17486	.88754	1.2093	.83736	.58845	.45096	.79559

#1	.42177	.57379	12.396	.26886	7.1254	6.2615	1.5118	3.7863	.02916
#2	.42395	.57161	12.385	.27259	6.9629	6.2636	1.5111	3.7738	.02961
#3	.42362	.57184	12.427	.27338	7.0006	6.3538	1.5269	3.8076	.02950

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27033	.30288	5.0492	106.80
Stddev	.00112	.00278	.0040	2.04
%RSD	.41394	.91659	.08020	1.9139

#1	.26930	.30121	5.0536	108.18
#2	.27017	.30134	5.0456	104.45
#3	.27152	.30608	5.0483	107.78

Sample Name: S5 Acquired: 7/17/2025 0:21:31 Type: Cal
Method: 6010-200.7 NEW(v40) Mode: IR Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5167.2	80923.	7662.1	4362.5	6110.0
Stddev	16.4	127.	79.1	17.3	16.3
%RSD	.31786	.15635	1.0324	.39609	.26667
#1	5168.4	80947.	7576.9	4378.4	6106.1
#2	5182.9	81035.	7733.3	4364.8	6127.9
#3	5150.2	80785.	7676.0	4344.1	6096.1

Sample Name: ICV01 Acquired: 7/17/2025 0:31:32 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.983867	3.831014	3.852585	3.994811	4.132453	7.804585
Stddev	.013011	.095559	.011149	.022050	.012786	.048121
%RSD	.3265944	2.494353	.2893870	.5519781	.3094128	.6165673

#1	3.977975	3.818373	3.851183	3.988370	4.124953	7.750084
#2	3.974844	3.742404	3.842203	3.976698	4.125190	7.822468
#3	3.998781	3.932264	3.864368	4.019365	4.147217	7.841204

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.769112	.1953025	1.966518	19.81666	.7713967	1.998634
Stddev	.109725	.0013990	.005768	.17059	.0088140	.005450
%RSD	1.412326	.7163075	.2933103	.8608230	1.142604	.2726946

#1	7.642665	.1937389	1.965528	19.62253	.7625947	1.997492
#2	7.825407	.1964357	1.961310	19.94260	.7802227	1.993844
#3	7.839264	.1957328	1.972717	19.88486	.7713728	2.004564

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023910	4.013039	1.975504	19.41156	1.991293	.9785049
Stddev	.002260	.047792	.013699	.15726	.005329	.0073309
%RSD	.2207622	1.190930	.6934359	.8101534	.2676225	.7491953

#1	1.022622	3.958325	1.959798	19.24615	1.990408	.9700948
#2	1.022588	4.034155	1.984981	19.55916	1.986462	.9835436
#3	1.026520	4.046635	1.981734	19.42937	1.997009	.9818763

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.75645	1.952212	2.008760	20.11275	3.799483	4.021906
Stddev	.17759	.011896	.013927	.19153	.020380	.014084
%RSD	.8988918	.6093563	.6933056	.9522813	.5363818	.3501728

#1	19.55209	1.938504	1.993079	19.89497	3.780119	4.014618
#2	19.84390	1.958300	2.013511	20.18825	3.820746	4.012960
#3	19.87335	1.959832	2.019690	20.25502	3.797585	4.038140

Sample Name: ICV01 Acquired: 7/17/2025 0:31:32 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	3.960914	3.973800	3.629204	F .0103370	F .0242141	4.146172
Stddev	.019697	.027291	.029556	.0025703	.0027533	.031648
%RSD	.4972856	.6867776	.8143957	24.86531	11.37059	.7633148

#1	3.956550	3.942290	3.596856	.0093265	.0232947	4.109792
#2	3.943765	3.989171	3.654800	.0132591	.0273095	4.161358
#3	3.982428	3.989939	3.635955	.0084255	.0220382	4.167365

Elem	Sr4077
Units	ppm
Avg	3.973337
Stddev	.051538
%RSD	1.297097

#1	3.920099
#2	3.976924
#3	4.022988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5254.252	83898.84	8096.145	4486.360	6382.673
Stddev	14.924	923.47	60.177	46.009	18.432
%RSD	.2840351	1.100700	.7432829	1.025537	.2887814

#1	5267.434	84965.05	8164.812	4526.641	6393.998
#2	5257.273	83351.59	8052.595	4496.218	6392.616
#3	5238.048	83379.87	8071.029	4436.221	6361.405

Sample Name: LLICV01 Acquired: 7/17/2025 0:42:29 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226100	.0459386	.0127488	.0209744	.0543368	.1063105
Stddev	.0021869	.0021491	.0006058	.0064718	.0009668	.0110587
%RSD	9.672037	4.678112	4.751480	30.85590	1.779353	10.40230

#1	.0203235	.0436362	.0120498	.0162327	.0532823	.1188600
#2	.0228252	.0478915	.0130763	.0183431	.0551816	.1020801
#3	.0246813	.0462882	.0131204	.0283474	.0545464	.0979915

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1064560	.0065031	.0059781	2.184722	.0100457	.0307021
Stddev	.0008263	.0000730	.0000826	.017412	.0001988	.0004445
%RSD	.7762248	1.122057	1.380874	.7969779	1.979073	1.447805

#1	.1059861	.0064214	.0058858	2.197489	.0099047	.0302080
#2	.1059718	.0065258	.0060037	2.164887	.0102731	.0308289
#3	.1074101	.0065620	.0060449	2.191788	.0099592	.0310694

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223630	.1087162	.0221246	2.210747	.0414935	.0109512
Stddev	.0001299	.0070826	.0004532	.028072	.0003326	.0003108
%RSD	.5808573	6.514747	2.048273	1.269801	.8015754	2.838303

#1	.0222706	.1005441	.0218608	2.188635	.0411149	.0110684
#2	.0223070	.1130775	.0218651	2.201276	.0416267	.0105988
#3	.0225116	.1125269	.0226478	2.242329	.0417388	.0111864

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.727597	.0385184	.0435521	2.147076	.1138529	.2155551
Stddev	.003464	.0020607	.0002865	.008010	.0007026	.0011895
%RSD	.2004942	5.349987	.6579018	.3730583	.6171084	.5518483

#1	1.724773	.0404337	.0435719	2.154463	.1146044	.2143851
#2	1.731462	.0387837	.0432563	2.138563	.1137421	.2155170
#3	1.726556	.0363379	.0438283	2.148203	.1132124	.2167632

Sample Name: LLICV01 Acquired: 7/17/2025 0:42:29 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	.0399554	.0424571	.3499970	.0198686	F .0121569	.0189204
Stddev	.0005561	.0014422	.0141138	.0034249	.0029578	.0044508
%RSD	1.391704	3.396782	4.032538	17.23752	24.32983	23.52389
#1	.0402728	.0428211	.3662623	.0216754	.0115669	.0181254
#2	.0393133	.0408678	.3427470	.0220116	.0153652	.0237152
#3	.0402800	.0436824	.3409818	.0159187	.0095386	.0149207

Elem	Sr4077
Units	ppm
Avg	.0215135
Stddev	.0000470
%RSD	.2182495
#1	.0214751
#2	.0214996
#3	.0215659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5343.327	84902.27	7944.539	4496.627	6905.134
Stddev	23.017	177.66	35.152	14.101	35.287
%RSD	.4307651	.2092486	.4424658	.3135956	.5110269
#1	5368.347	84760.61	7972.226	4511.393	6940.617
#2	5338.582	84844.60	7956.399	4495.188	6904.739
#3	5323.052	85101.59	7904.990	4483.301	6870.046

Sample Name: ICB01 Acquired: 7/17/2025 0:46:53 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004264	.0024668	.0004961	-.000467	.0007674	-.001025	.0002103
Stddev	.0006063	.0002349	.0013880	.003152	.0006612	.013367	.0005458
%RSD	142.2070	9.520770	279.7933	674.9023	86.16604	1303.526	259.4644

#1	.0011255	.0027379	.0019224	.002421	.0012153	.009048	.0000395
#2	.0000441	.0023329	.0004161	.000007	.0000079	-.016190	-.000230
#3	.0001095	.0023294	-.000850	-.003829	.0010789	.004065	.000821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000640	.0000432	.0001477	-.000050	-.000281	-.000190	-.005528
Stddev	.0000440	.0000297	.0046292	.000438	.000142	.000344	.001104
%RSD	68.84737	68.81092	3135.199	881.1258	50.57528	181.3948	19.96558

#1	.0000156	.0000306	.0006207	.000007	-.000200	-.000487	-.005004
#2	.0001018	.0000771	.0045221	.000358	-.000446	.000187	-.006796
#3	.0000745	.0000218	-.004700	-.000514	-.000198	-.000269	-.004784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000304	-.021590	-.000037	-.000132	-.678398	-.003233	-.000723
Stddev	.000284	.008264	.000139	.000307	.026773	.001234	.000154
%RSD	93.50545	38.27792	379.6172	231.9277	3.946560	38.17115	21.35470

#1	-.000358	-.012129	-.000184	.000025	-.654129	-.004352	-.000554
#2	-.000556	-.027402	.000092	-.000486	-.707118	-.001909	-.000757
#3	.000004	-.025239	-.000018	.000064	-.673949	-.003438	-.000857

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663756	.0058875	.0000011	-.000478	.0015290	-.022806	.0008757
Stddev	.0339816	.0005795	.0002593	.000376	.0009923	.010254	.0002213
%RSD	51.19587	9.842257	22803.91	78.67071	64.89864	44.95977	25.26915

#1	.0475485	.0065507	-.000118	-.000121	.0003832	-.019861	.0006993
#2	.0459747	.0054790	.000299	-.000870	.0021087	-.014348	.0011240
#3	.1056036	.0056328	-.000178	-.000442	.0020952	-.034210	.0008038

Sample Name: ICB01 Acquired: 7/17/2025 0:46:53 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007431	-.007444	.0000007
Stddev	.000219	.001047	.0001035
%RSD	2.952225	14.06394	15354.98

#1	-.007419	-.008207	-.000015
#2	-.007218	-.007875	.000111
#3	-.007657	-.006251	-.000094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5393.162	86253.48	7904.561	4532.380	6989.740
Stddev	17.054	282.10	66.869	15.804	10.022
%RSD	.3162152	.3270614	.8459573	.3486810	.1433771

#1	5410.929	86563.56	7847.348	4534.484	7000.337
#2	5391.634	86184.84	7978.073	4515.630	6988.468
#3	5376.924	86012.02	7888.263	4547.026	6980.415

Sample Name: CRI01 Acquired: 7/17/2025 0:51:12 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224889	.0456792	.0126023	.0192205	.0514452	.1039398
Stddev	.0004206	.0011989	.0005801	.0012761	.0009986	.0058500
%RSD	1.870055	2.624612	4.603049	6.639413	1.941124	5.628244

#1	.0223508	.0445685	.0132038	.0180137	.0506152	.0974726
#2	.0229612	.0469502	.0125568	.0205562	.0511671	.1054839
#3	.0221548	.0455190	.0120463	.0190915	.0525534	.1088628

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045337	.0065086	.0058256	2.145411	.0096691	.0297121
Stddev	.0011313	.0000653	.0000249	.004787	.0002014	.0002509
%RSD	1.082199	1.003382	.4274525	.2231453	2.083098	.8445841

#1	.1033482	.0065212	.0058122	2.146415	.0098998	.0297293
#2	.1056016	.0065667	.0058544	2.149616	.0095799	.0299540
#3	.1046512	.0064379	.0058103	2.140200	.0095277	.0294530

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215993	.0947140	.0219974	2.193246	.0399306	.0104587
Stddev	.0001480	.0029660	.0000987	.008228	.0002091	.0002483
%RSD	.6852460	3.131579	.4486492	.3751326	.5237067	2.373927

#1	.0216420	.0978234	.0218854	2.202422	.0400218	.0106687
#2	.0217212	.0919158	.0220351	2.190789	.0400786	.0105226
#3	.0214346	.0944026	.0220717	2.186527	.0396914	.0101846

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.629478	.0404840	.0423055	2.078765	.1087581	.2103876
Stddev	.019803	.0001054	.0001820	.039842	.0015532	.0002638
%RSD	1.215317	.2604002	.4301868	1.916615	1.428115	.1254118

#1	1.640208	.0404361	.0421915	2.034589	.1091315	.2100836
#2	1.606625	.0404110	.0422096	2.089730	.1100906	.2105573
#3	1.641601	.0406049	.0425154	2.111976	.1070523	.2105218

Sample Name: CRI01 Acquired: 7/17/2025 0:51:12 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal 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	.0374471	.0423379	.3288330	.0191983	F .0133448	.0183898
Stddev	.0001206	.0006435	.0024742	.0011893	.0026287	.0043572
%RSD	.3219477	1.519970	.7524341	6.194995	19.69812	23.69351

#1	.0373156	.0427990	.3303469	.0184893	.0130868	.0177813
#2	.0375525	.0426120	.3301743	.0205714	.0108547	.0230192
#3	.0374733	.0416027	.3259777	.0185343	.0160930	.0143688

Elem	Sr4077
Units	ppm
Avg	.0211462
Stddev	.0000653
%RSD	.3085700

#1	.0211551
#2	.0212066
#3	.0210770

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5461.658	86379.75	7913.404	4552.490	7096.208
Stddev	9.119	61.11	58.990	20.881	14.046
%RSD	.1669727	.0707423	.7454450	.4586673	.1979418

#1	5462.488	86309.46	7895.192	4554.333	7101.637
#2	5470.334	86420.29	7865.668	4572.387	7106.729
#3	5452.151	86409.49	7979.353	4530.748	7080.257

Sample Name: ICSA01 Acquired: 7/17/2025 0:55:29 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009196	-.009089	-.004614	.0017690	-.001448	260.3588	.0038369
Stddev	.0020300	.000742	.002277	.0049556	.000589	1.2487	.0007630
%RSD	220.7513	8.160590	49.35640	280.1315	40.68747	.4796069	19.88596

#1	-.001229	-.008697	-.006907	-.003821	-.001749	259.2348	.0032993
#2	.001183	-.008626	-.002352	.005622	-.000769	261.7030	.0035012
#3	.002805	-.009945	-.004583	.003506	-.001825	260.1387	.0047102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015629	-.001261	251.0515	.0430191	.0019747	.0005695	102.3798
Stddev	.0000613	.000034	1.4556	.0002626	.0001088	.0000595	.4210
%RSD	3.922974	2.701550	.5798006	.6105284	5.511649	10.45032	.4112242

#1	.0015819	-.001299	249.6000	.0427807	.0020672	.0006290	101.9294
#2	.0016124	-.001234	252.5112	.0433006	.0020021	.0005099	102.4468
#3	.0014943	-.001249	251.0434	.0429759	.0018548	.0005696	102.7634

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095054	257.2290	.0023404	.0015045	-.301940	.0001914	.0019760
Stddev	.0009403	1.0486	.0000781	.0004765	.017921	.0009903	.0001780
%RSD	9.891841	.4076558	3.338185	31.67189	5.935226	517.4512	9.006791

#1	.0085008	256.2146	.0022536	.0014370	-.321879	-.000829	.0019400
#2	.0096511	258.3087	.0023624	.0010653	-.296765	.000256	.0018187
#3	.0103643	257.1636	.0024051	.0020111	-.287176	.001148	.0021692

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359102	.0081204	.0002594	-.001933	-.005545	-.003162	.0058771
Stddev	.0116975	.0018489	.0002518	.000767	.002268	.009122	.0036385
%RSD	32.57427	22.76923	97.06118	39.66138	40.90206	288.4851	61.90893

#1	.0493570	.0066179	-.000011	-.002240	-.003057	-.008577	.0074882
#2	.0302899	.0075580	.000303	-.002499	-.006079	.007370	.0084319
#3	.0280835	.0101852	.000487	-.001061	-.007497	-.008279	.0017113

Sample Name: ICSA01 Acquired: 7/17/2025 0:55:29 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.014293	.0051975	.0065022
Stddev	.005285	.0014618	.0003615
%RSD	36.97522	28.12449	5.560234

#1	-.009238	.0039155	.0068312
#2	-.019782	.0067893	.0065602
#3	-.013860	.0048876	.0061152

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4830.766	76772.42	7705.305	4046.745	5713.971
Stddev	10.600	262.51	39.968	8.321	.940
%RSD	.2194231	.3419354	.5187085	.2056232	.0164435

#1	4842.844	77036.95	7739.193	4055.859	5713.677
#2	4823.010	76768.34	7661.229	4044.824	5715.023
#3	4826.444	76511.97	7715.493	4039.553	5713.214

Sample Name: ICSAB01 Acquired: 7/17/2025 0:59:45 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030815	.0925962	.0418351	.0505725	.6234630	252.8801
Stddev	.0031431	.0033898	.0022287	.0018658	.0049750	3.6706
%RSD	3.049176	3.660897	5.327391	3.689373	.7979615	1.451504

#1	.1034131	.0965043	.0419144	.0501356	.6181607	251.1565
#2	.1060457	.0908323	.0440232	.0526179	.6242000	257.0953
#3	.0997857	.0904521	.0395679	.0489638	.6280284	250.3886

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5198896	.4980624	.9844008	246.9392	.5149216	.5060081
Stddev	.0018899	.0023186	.0014378	1.4468	.0026263	.0007996
%RSD	.3635231	.4655316	.1460536	.5858955	.5100450	.1580319

#1	.5179237	.4969626	.9845663	245.5127	.5153027	.5053698
#2	.5216931	.5007263	.9828874	248.4055	.5121255	.5057495
#3	.5200519	.4964983	.9857486	246.8993	.5173365	.5069051

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4983570	102.0203	.5109702	252.7536	.9975047	.2211671
Stddev	.0010098	.5382	.0023223	.8807	.0021791	.0004811
%RSD	.2026181	.5275768	.4544902	.3484430	.2184564	.2175454

#1	.4978412	102.0367	.5084672	251.9551	.9963664	.2212674
#2	.4995205	101.4740	.5130550	253.6983	.9961305	.2206437
#3	.4977094	102.5501	.5113885	252.6075	1.000017	.2215902

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.259493	.4851612	1.075528	.0757999	.9645605	1.026292
Stddev	.021655	.0071523	.002051	.0284537	.0019309	.002682
%RSD	8.345119	1.474218	.1907308	37.53792	.2001829	.2612899

#1	-.266535	.4933071	1.077123	.0563244	.9639499	1.027994
#2	-.276750	.4822671	1.076248	.1084536	.9667229	1.023201
#3	-.235193	.4799095	1.073214	.0626216	.9630087	1.027680

Sample Name: ICSAB01 Acquired: 7/17/2025 0:59:45 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9999779	1.030803	.9541380	F .0113166	F -.010525	1.118370
Stddev	.0021445	.003504	.0191287	.0016344	.004388	.002804
%RSD	.2144563	.3399309	2.004811	14.44233	41.69763	.2506878
#1	.9996487	1.027378	.9646035	.0108122	-.012610	1.118002
#2	.9980170	1.034381	.9657505	.0099940	-.005482	1.121340
#3	1.002268	1.030650	.9320601	.0131438	-.013481	1.115769

Elem	Sr4077
Units	ppm
Avg	1.064756
Stddev	.004441
%RSD	.4170542
#1	1.060614
#2	1.069444
#3	1.064210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4812.676	77217.03	7850.856	4055.787	5682.908
Stddev	4.234	412.80	30.939	21.390	4.167
%RSD	.0879715	.5346021	.3940906	.5273875	.0733166
#1	4815.578	76931.22	7852.024	4033.042	5680.496
#2	4814.632	77690.30	7819.348	4058.822	5687.719
#3	4807.818	77029.58	7881.194	4075.497	5680.509

Sample Name: ICSADLX20 Acquired: 7/17/2025 1:03:54 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000334	.0030088	.0010459	-.002313	-.001125	12.60303	-.000162
Stddev	.000277	.0011338	.0011896	.000869	.000826	.02152	.000523
%RSD	83.13968	37.68111	113.7350	37.55172	73.48743	.1707453	321.9758

#1	-.000055	.0036762	.0016231	-.002084	-.002071	12.62787	.000346
#2	-.000609	.0016998	-.000322	-.001582	-.000757	12.59041	-.000135
#3	-.000337	.0036506	.001837	-.003274	-.000546	12.59080	-.000699

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001984	-.000054	12.90788	.0019483	.0000289	.0000875	5.016880
Stddev	.0000061	.000066	.02065	.0000216	.0002315	.0000387	.023987
%RSD	3.085603	122.5233	.1600011	1.108651	801.6611	44.29670	.4781199

#1	.0002010	-.000099	12.89444	.0019682	-.000232	.0000905	4.997504
#2	.0001915	.000022	12.89754	.0019253	.000108	.0001246	5.009428
#3	.0002029	-.000084	12.93166	.0019513	.000211	.0000473	5.043708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000594	12.80958	-.000048	-.000031	-.738856	-.002148	.0002968
Stddev	.0004261	.01810	.000115	.000149	.010060	.002181	.0002495
%RSD	717.8676	.1413160	239.3056	480.8458	1.361539	101.5418	84.06138

#1	-.000399	12.82553	.000056	-.000169	-.729234	.000322	.0000130
#2	.000132	12.78991	-.000029	.000127	-.738033	-.002959	.0004814
#3	.000444	12.81331	-.000171	-.000051	-.749303	-.003808	.0003960

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0365110	.0014411	-.000124	-.001344	.0012671	-.034206	.0008173
Stddev	.0383381	.0004878	.000206	.000287	.0010720	.012170	.0017611
%RSD	105.0043	33.85040	165.7365	21.31551	84.60476	35.57708	215.4766

#1	.0718673	.0018090	.000080	-.001014	.0005709	-.033960	.0010574
#2	.0419035	.0008877	-.000332	-.001526	.0007288	-.022162	.0024461
#3	-.004238	.0016265	-.000121	-.001493	.0025016	-.046497	-.001052

Sample Name: ICSADLX20 Acquired: 7/17/2025 1:03:54 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSA01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.012362	-.007734	.0003481
Stddev	.001973	.003060	.0000420
%RSD	15.95636	39.57009	12.07649
#1	-.012583	-.004249	.0003123
#2	-.010288	-.009981	.0003944
#3	-.014214	-.008972	.0003377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5274.624	84466.08	7984.770	4433.818	6707.129
Stddev	23.959	159.84	51.083	17.172	25.802
%RSD	.4542368	.1892415	.6397567	.3873044	.3846951
#1	5277.472	84303.70	7938.304	4415.606	6715.409
#2	5297.032	84471.29	7976.537	4449.716	6727.774
#3	5249.368	84623.26	8039.470	4436.132	6678.203

Sample Name: ICSABDLX20 Acquired: 7/17/2025 1:08:10 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2:
Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063264	.0072047	.0019822	.0005788	.0281017	12.42439	.0261072
Stddev	.0014898	.0013039	.0016417	.0007418	.0011944	.04894	.0002253
%RSD	23.54914	18.09806	82.82352	128.1663	4.250099	.3939277	.8630197

#1	.0078096	.0082002	.0036729	.0014342	.0294452	12.45423	.0259705
#2	.0063395	.0076852	.0003943	.0001116	.0271602	12.45104	.0263672
#3	.0048301	.0057287	.0018793	.0001907	.0276998	12.36791	.0259838

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264065	.0478454	12.78031	.0261310	.0243854	.0259022	4.799754
Stddev	.0002211	.0001031	.06237	.0002295	.0001030	.0003994	.042571
%RSD	.8370997	.2154660	.4880151	.8783970	.4222730	1.542040	.8869451

#1	.0264039	.0478897	12.78725	.0260591	.0243719	.0259548	4.800733
#2	.0266288	.0477276	12.83892	.0259461	.0242899	.0254790	4.756702
#3	.0261867	.0479190	12.71476	.0263879	.0244945	.0262727	4.841828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260119	12.65730	.0486299	.0103613	-.783630	.0209476	.0519342
Stddev	.0004554	.07979	.0001715	.0002434	.006745	.0003054	.0000417
%RSD	1.750593	.6303509	.3526458	2.349223	.8606768	1.457728	.0802829

#1	.0255165	12.68017	.0484331	.0102404	-.783793	.0207592	.0519069
#2	.0264123	12.72316	.0487467	.0106415	-.790292	.0207837	.0519822
#3	.0261069	12.56858	.0487101	.0102021	-.776806	.0213000	.0519135

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0421075	.0502119	.0510448	.0471379	.0522613	.0068534	.0001801
Stddev	.0192831	.0009272	.0005281	.0010265	.0008722	.0085365	.0011175
%RSD	45.79498	1.846560	1.034548	2.177560	1.668950	124.5598	620.4504

#1	.0319823	.0500666	.0510707	.0466181	.0518342	-.002535	-.000892
#2	.0299960	.0512032	.0505042	.0464752	.0532648	.008945	.001338
#3	.0643441	.0493659	.0515595	.0483203	.0516850	.014150	.000095

Sample Name: ICSABDLX20 Acquired: 7/17/2025 1:08:10 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01DLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009193	.0459199	.0538263
Stddev	.002508	.0001402	.0002407
%RSD	27.28471	.3052555	.4472421

#1	-.010659	.0460761	.0540470
#2	-.010623	.0458052	.0538624
#3	-.006297	.0458783	.0535696

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5276.835	84619.97	7749.279	4452.313	6690.460
Stddev	2.777	548.09	32.015	12.974	1.741
%RSD	.0526205	.6477062	.4131392	.2914059	.0260239

#1	5273.884	84747.28	7743.213	4462.255	6688.469
#2	5277.223	85093.20	7720.731	4457.047	6691.697
#3	5279.397	84019.43	7783.894	4437.636	6691.216

Sample Name: CCV01 Acquired: 7/17/2025 1:12:22 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817825	4.829130	4.671093	4.842585	4.870853	9.621936
Stddev	.009282	.091187	.018719	.019617	.007332	.011163
%RSD	.1926632	1.888267	.4007388	.4050874	.1505244	.1160143

#1	4.819363	4.934424	4.670084	4.844609	4.866093	9.628211
#2	4.807869	4.776350	4.652899	4.822035	4.867170	9.609048
#3	4.826241	4.776617	4.690296	4.861112	4.879296	9.628549

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.880866	.2534626	2.334620	25.05659	.9084036	2.354986
Stddev	.224073	.0019040	.006948	.00127	.0033262	.006031
%RSD	2.267746	.7511740	.2976204	.0050883	.3661632	.2560976

#1	9.687674	.2533893	2.335047	25.05618	.9080110	2.352125
#2	9.828410	.2515964	2.327468	25.05802	.9119088	2.350918
#3	10.12651	.2554022	2.341345	25.05557	.9052912	2.361915

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203160	4.576875	2.447613	23.43907	2.354126	1.199452
Stddev	.001820	.055497	.002158	.07723	.005085	.002172
%RSD	.1512378	1.212557	.0881599	.3295107	.2160010	.1811181

#1	1.202089	4.595050	2.446593	23.39264	2.353237	1.201927
#2	1.202130	4.621005	2.450092	23.39634	2.349544	1.198573
#3	1.205261	4.514569	2.446154	23.52822	2.359597	1.197858

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.64723	2.371655	2.427759	23.64659	5.041063	4.843522
Stddev	.17974	.003200	.006621	.16471	.029359	.007593
%RSD	.7936720	.1349400	.2727230	.6965553	.5823973	.1567735

#1	22.73035	2.369559	2.426419	23.79763	5.030822	4.844194
#2	22.77038	2.375338	2.434947	23.67118	5.018196	4.835615
#3	22.44097	2.370067	2.421910	23.47097	5.074171	4.850757

Sample Name: CCV01 Acquired: 7/17/2025 1:12:22 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.691329	5.014188	F 4.375547	4.761254	4.694123	4.800203
Stddev	.014105	.003892	.032487	.028813	.021443	.002992
%RSD	.3006564	.0776179	.7424652	.6051599	.4568097	.0623393

#1	4.693519	5.013979	4.402121	4.777338	4.703170	4.796759
#2	4.676257	5.010404	4.385190	4.727989	4.669638	4.802167
#3	4.704211	5.018180	4.339330	4.778435	4.709559	4.801683

Elem	Sr4077
Units	ppm
Avg	5.086912
Stddev	.047340
%RSD	.9306202

#1	5.051259
#2	5.068854
#3	5.140623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5256.478	84230.19	7475.003	4394.564	6428.379
Stddev	7.307	274.73	59.693	13.357	13.566
%RSD	.1390051	.3261648	.7985636	.3039331	.2110280

#1	5259.989	83959.85	7481.929	4392.273	6431.620
#2	5261.366	84509.11	7530.930	4408.918	6440.031
#3	5248.078	84221.63	7412.149	4382.502	6413.487

Sample Name: CCB01 Acquired: 7/17/2025 1:16:34 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002323	.0024008	.0009823	-.001051	-.001057	-.004520	.0010046
Stddev	.0012279	.0004934	.0016652	.004630	.000857	.008773	.0007778
%RSD	528.5932	20.55216	169.5277	440.4329	81.06882	194.0697	77.41978

#1	.0007522	.0019654	.0025769	.004138	-.000346	-.001644	.0018984
#2	-.001170	.0023003	-.000746	-.004761	-.000816	.002453	.0004815
#3	.001115	.0029368	.001116	-.002531	-.002009	-.014370	.0006340

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000409	.0000821	-.002630	.0000087	-.000039	.0000638	-.003696
Stddev	.0000269	.0000370	.008989	.0005150	.000093	.0002737	.001849
%RSD	65.75930	45.08696	341.7423	5951.073	236.7108	429.1209	50.02448

#1	.0000195	.0000456	.003363	.0005752	-.000123	.0002890	-.001561
#2	.0000711	.0000811	-.012966	-.000118	-.000055	-.000241	-.004749
#3	.0000321	.0001196	.001712	-.000431	.000060	.000143	-.004777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000170	-.037904	-.000011	.0003005	-.951724	-.000681	-.000480
Stddev	.000258	.017735	.000104	.0002073	.015641	.002068	.000051
%RSD	151.8524	46.78942	912.3423	68.96445	1.643488	303.9525	10.61206

#1	-.000053	-.058356	.000064	.0000721	-.935073	.001459	-.000489
#2	-.000466	-.026773	-.000131	.0004766	-.966109	-.002670	-.000526
#3	.000009	-.028583	.000033	.0003528	-.953991	-.000830	-.000425

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488897	.0094718	.0006202	-.000735	.0013730	-.024537	-.001593
Stddev	.0252305	.0003064	.0000438	.000739	.0012536	.012169	.001665
%RSD	51.60694	3.235295	7.063869	100.5883	91.30132	49.59282	104.4885

#1	.0404450	.0096084	.0006281	.000086	.0023044	-.027521	.000324
#2	.0289648	.0096862	.0005730	-.001347	-.000052	-.034935	-.002433
#3	.0772594	.0091208	.0006596	-.000944	.001867	-.011154	-.002671

Sample Name: CCB01 Acquired: 7/17/2025 1:16:34 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	F -.010083	-.007511	.0000051
Stddev	.004332	.002688	.0000154
%RSD	42.96100	35.78668	303.1223

#1	-.006801	-.009500	.0000111
#2	-.008454	-.004453	.0000166
#3	-.014993	-.008580	-.000012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5378.847	86646.96	7861.739	4500.679	6985.965
Stddev	9.593	115.15	59.586	8.576	8.994
%RSD	.1783538	.1328984	.7579251	.1905516	.1287378

#1	5381.214	86778.93	7793.091	4495.426	6994.213
#2	5368.291	86566.89	7892.055	4496.036	6976.377
#3	5387.035	86595.07	7900.072	4510.575	6987.305

Sample Name: PB168773BL Acquired: 7/17/2025 1:22:36 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029412	.0035349	.0009831	.0007163	-.001445	.0012911	.0016459
Stddev	.0012181	.0002710	.0005981	.0020140	.000080	.0067405	.0002856
%RSD	41.41669	7.664936	60.84124	281.1608	5.548722	522.0615	17.35034

#1	.0041052	.0035940	.0003122	.0030331	-.001369	.0077636	.0013658
#2	.0030430	.0032393	.0014605	-.000616	-.001438	.0017984	.0016353
#3	.0016753	.0037714	.0011766	-.000268	-.001529	-.005689	.0019367

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0000325	-.004677	.0000460	-.000155	-.000016	-.007181
Stddev	.000047	.0000400	.006578	.0002593	.000139	.000228	.008777
%RSD	3376.775	123.0502	140.6590	564.2164	89.15327	1399.095	122.2333

#1	-.000048	.0000426	-.008579	-.000128	-.000308	.000144	-.011095
#2	.000046	-.000012	-.008369	-.000078	-.000037	-.000278	-.013320
#3	-.000003	.000067	.002918	.000344	-.000121	.000085	.002873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000180	-.021672	-.000216	.0002187	-.424508	.0001509	-.000448
Stddev	.000470	.024986	.000191	.0003561	.012740	.0028051	.000246
%RSD	261.3722	115.2945	88.47574	162.8460	3.001057	1858.671	54.91267

#1	-.000694	-.012605	-.000004	-.000192	-.426211	.0033887	-.000223
#2	-.000074	-.049925	-.000374	.000404	-.436311	-.001388	-.000411
#3	.000229	-.002484	-.000271	.000444	-.411002	-.001548	-.000710

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219927	.0044901	.0000501	-.001441	.0006362	-.032368	.0003066
Stddev	.0139353	.0009241	.0000679	.000600	.0009377	.010281	.0012037
%RSD	63.36322	20.58090	135.3955	41.66522	147.3883	31.76284	392.5620

#1	.0165539	.0038112	-.000010	-.001229	-.000338	-.033145	-.000905
#2	.0115969	.0055425	.000037	-.000975	.001532	-.042239	.001502
#3	.0378272	.0041167	.000124	-.002118	.000714	-.021721	.000324

Sample Name: PB168773BL Acquired: 7/17/2025 1:22:36 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009985	-.007379	.0000308
Stddev	.001558	.003381	.0000246
%RSD	15.60389	45.81602	79.87761

#1	-.008895	-.005643	.0000362
#2	-.011769	-.011276	.0000522
#3	-.009290	-.005220	.0000039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5433.108	87409.69	7645.857	4525.073	7074.902
Stddev	13.760	151.75	29.130	10.496	14.830
%RSD	.2532651	.1736108	.3809910	.2319482	.2096092

#1	5442.883	87431.45	7658.828	4516.715	7082.196
#2	5439.068	87248.24	7666.249	4521.651	7084.672
#3	5417.373	87549.40	7612.495	4536.853	7057.838

Sample Name: PB168773BS Acquired: 7/17/2025 1:26:56 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7876970	1.966786	.9500235	1.984808	.8311153	1.997534	.2051316
Stddev	.0026181	.018080	.0022412	.003312	.0030226	.035862	.0027509
%RSD	.3323715	.9192681	.2359137	.1668793	.3636810	1.795310	1.341020

#1	.7883838	1.983587	.9497191	1.981054	.8307789	1.956436	.2022545
#2	.7848040	1.947653	.9479500	1.986052	.8282749	2.013694	.2054043
#3	.7899032	1.969119	.9524014	1.987318	.8342920	2.022473	.2077359

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2049598	.1893060	1.097253	.3786929	.1956556	.3105583	2.992055
Stddev	.0028853	.0003590	.011206	.0003041	.0006649	.0006532	.015114
%RSD	1.407756	.1896140	1.021309	.0802985	.3398415	.2103309	.5051497

#1	.2019816	.1892646	1.087570	.3783755	.1953860	.3105244	2.993488
#2	.2051554	.1889695	1.094660	.3787217	.1951679	.3099227	3.006403
#3	.2077423	.1896838	1.109528	.3789817	.1964130	.3112278	2.976276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2068887	2.009311	.4906815	.0759617	3.159474	.2926487	.2132307
Stddev	.0028485	.018588	.0020047	.0006229	.038366	.0038985	.0004271
%RSD	1.376844	.9250868	.4085611	.8200626	1.214330	1.332155	.2002743

#1	.2040637	1.988480	.4905489	.0763953	3.186811	.2891671	.2134990
#2	.2068422	2.015251	.4887463	.0752479	3.175996	.2919182	.2134549
#3	.2097602	2.024204	.4927492	.0762420	3.115614	.2968608	.2127382

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12935	.3038693	.4149907	.6855373	.2067793	.8327868	5.764901
Stddev	.01421	.0042928	.0009333	.0022874	.0032579	.0042615	.017507
%RSD	.1403022	1.412722	.2248994	.3336633	1.575521	.5117173	.3036832

#1	10.11712	.2994120	.4155703	.6873589	.2030208	.8367339	5.781556
#2	10.14494	.3042197	.4139140	.6829702	.2085206	.8282685	5.746651
#3	10.12599	.3079762	.4154877	.6862829	.2087965	.8333581	5.766495

Sample Name: PB168773BS Acquired: 7/17/2025 1:26:56 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004132	.1934406	.2008503
Stddev	.000226	.0009778	.0028228
%RSD	5.468566	.5054598	1.405421

#1	-.004276	.1926678	.1976468
#2	-.004249	.1931143	.2019308
#3	-.003872	.1945398	.2029732

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5319.364	84334.90	7859.518	4439.908	6792.699
Stddev	15.359	107.98	113.395	17.329	18.596
%RSD	.2887410	.1280344	1.442769	.3903001	.2737661

#1	5310.771	84459.56	7979.397	4423.539	6785.216
#2	5337.096	84270.54	7845.189	4438.126	6813.871
#3	5310.224	84274.60	7753.969	4458.059	6779.010

Sample Name: PB168773TB Acquired: 7/17/2025 1:30:56 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010229	.0022013	.0004108	.0005239	-.000505	-.000842	.0007595
Stddev	.0006309	.0010457	.0002895	.0012728	.002683	.009657	.0004366
%RSD	61.67685	47.50480	70.47808	242.9344	530.9837	1147.388	57.48513

#1	.0015607	.0010154	.0002261	.0001683	-.002139	.008770	.0006258
#2	.0003285	.0029911	.0007444	-.000533	-.001969	-.000752	.0012473
#3	.0011794	.0025974	.0002617	.001937	.002592	-.010544	.0004054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0000797	.0034102	-.000068	-.000094	-.000110	-.002716
Stddev	.000036	.0000406	.0096055	.000264	.000279	.000108	.005940
%RSD	107.2554	50.88967	281.6687	389.9912	297.7576	98.19851	218.7256

#1	-.000071	.0001265	-.005029	-.000022	.000119	-.000068	-.009554
#2	.000001	.0000578	.013863	-.000352	-.000410	-.000030	.000248
#3	-.000031	.0000548	.001396	.000170	.000010	-.000233	.001159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000192	-.014546	-.000270	-.000016	-.275667	-.004016	.0000025
Stddev	.000460	.002280	.000075	.000406	.005840	.001957	.0002183
%RSD	239.9554	15.67674	27.86593	2564.610	2.118337	48.72813	8777.946

#1	-.000194	-.017070	-.000354	-.000330	-.274736	-.004542	.0002421
#2	.000269	-.013935	-.000211	.000443	-.270350	-.005657	-.000185
#3	-.000650	-.012634	-.000244	-.000160	-.281917	-.001850	-.000049

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343353	.0023555	-.000039	-.000936	.0018819	-.030789	.0000888
Stddev	.0261049	.0010365	.000031	.000339	.0005136	.015613	.0021135
%RSD	76.02925	44.00534	78.02397	36.23132	27.29005	50.70780	2380.959

#1	.0435105	.0019796	-.000011	-.000573	.0024407	-.013600	.0021645
#2	.0546139	.0015593	-.000072	-.000992	.0014306	-.034678	-.002061
#3	.0048815	.0035275	-.000036	-.001244	.0017744	-.044090	.000162

Sample Name: PB168773TB Acquired: 7/17/2025 1:30:56 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009288	-.007023	-.000003
Stddev	.001880	.002572	.000041
%RSD	20.24029	36.62083	1343.734

#1	-.007155	-.004388	.000042
#2	-.010704	-.007155	-.000039
#3	-.010006	-.009526	-.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5458.906	88013.97	7772.367	4550.042	7123.786
Stddev	4.808	423.56	27.076	8.089	6.096
%RSD	.0880837	.4812436	.3483655	.1777773	.0855680

#1	5464.451	88110.54	7743.991	4559.296	7119.582
#2	5456.385	88380.90	7775.188	4544.318	7120.998
#3	5455.882	87550.46	7797.922	4546.511	7130.777

Sample Name: Q2489-01 Acquired: 7/17/2025 1:35:16 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006230	-.006801	.0177633	-.008570	.0153400	.2906216
Stddev	.003877	.003198	.0006775	.003278	.0011104	.0183458
%RSD	62.23755	47.02349	3.814015	38.25285	7.238224	6.312619

#1	-.010672	-.005910	.0175149	-.012231	.0140593	.2868013
#2	-.003530	-.010350	.0172452	-.005905	.0160315	.3105768
#3	-.004487	-.004143	.0185300	-.007574	.0159294	.2744867

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1308405	-.000058	.0025472	1220.867	.0055956	.0025643
Stddev	.0017124	.000051	.0000720	7.063	.0002673	.0000879
%RSD	1.308787	86.96319	2.827609	.5784826	4.777078	3.428811

#1	.1319227	-.000003	.0025140	1223.758	.0056016	.0025380
#2	.1317326	-.000103	.0024978	1226.025	.0058598	.0024925
#3	.1288662	-.000069	.0026299	1212.817	.0053253	.0026624

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386245	.0555847	.7379236	25.94749	.0166215	-.001667
Stddev	.0002131	.0029715	.0020099	.15842	.0001113	.000337
%RSD	.5517799	5.345874	.2723679	.6105303	.6696080	20.21755

#1	.0384139	.0523719	.7401588	26.09670	.0165295	-.001281
#2	.0388401	.0561480	.7373469	25.96451	.0165897	-.001902
#3	.0386195	.0582343	.7362652	25.78125	.0167452	-.001818

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.22885	.0003474	.4492607	11.37309	.1484630	.0082564
Stddev	.28554	.0015159	.0011408	.10048	.0009897	.0002899
%RSD	.6925780	436.3734	.2539202	.8835196	.6666493	3.511870

#1	41.04742	.0013685	.4505756	11.30638	.1495185	.0085302
#2	41.08115	-.001394	.4485361	11.32424	.1475558	.0082864
#3	41.55799	.001068	.4486704	11.48866	.1483148	.0079526

Sample Name: Q2489-01 Acquired: 7/17/2025 1:35:16 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005691	-.051304	8.473877	.1083623	F 641.1394	.1486644
Stddev	.000718	.001609	.066567	.0025720	1.9852	.0016039
%RSD	12.61397	3.135507	.7855578	2.373518	.3096387	1.078895

#1	-.005155	-.052635	8.411798	.1054119	642.3609	.1505012
#2	-.005413	-.049516	8.465664	.1101317	642.2086	.1475406
#3	-.006507	-.051762	8.544170	.1095432	638.8488	.1479513

Elem	Sr4077
Units	ppm
Avg	5.163013
Stddev	.077736
%RSD	1.505642

#1	5.161084
#2	5.241696
#3	5.086259

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4666.502	79457.69	8095.558	3909.274	5649.201
Stddev	3.648	413.05	59.894	6.559	.808
%RSD	.0781818	.5198425	.7398376	.1677731	.0142987

#1	4663.042	79424.75	8026.566	3914.566	5648.462
#2	4666.150	79886.24	8125.879	3911.318	5650.064
#3	4670.314	79062.10	8134.228	3901.936	5649.078

Sample Name: Q2489-01DUP Acquired: 7/17/2025 1:39:44 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006672	-.007106	.0191045	-.006339	.0189975	.2931023
Stddev	.001770	.001275	.0027983	.006334	.0014816	.0083611
%RSD	26.53598	17.94651	14.64713	99.91915	7.798949	2.852634

#1	-.007885	-.007911	.0211641	-.000108	.0199290	.2866386
#2	-.007490	-.005636	.0202309	-.006137	.0197745	.2901234
#3	-.004640	-.007772	.0159186	-.012771	.0172890	.3025450

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1311459	-.000164	.0025055	1216.676	.0063022	.0025566
Stddev	.0012976	.000040	.0000901	30.173	.0001102	.0001601
%RSD	.9894112	24.15899	3.594877	2.479954	1.748236	6.261451

#1	.1326433	-.000122	.0025477	1243.483	.0063893	.0027163
#2	.1303516	-.000201	.0025668	1184.000	.0063390	.0023962
#3	.1304429	-.000170	.0024021	1222.546	.0061783	.0025572

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378966	.0581218	.7417996	26.12827	.0165390	-.001461
Stddev	.0001058	.0047020	.0054632	.22502	.0004133	.000098
%RSD	.2792041	8.089938	.7364785	.8612261	2.499030	6.732196

#1	.0378875	.0553989	.7471420	26.29419	.0163949	-.001556
#2	.0380067	.0635513	.7420338	26.21849	.0170051	-.001360
#3	.0377957	.0554153	.7362231	25.87214	.0162170	-.001465

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.66235	-.000032	.4429558	11.22496	.1499632	.0080695
Stddev	.44865	.002423	.0018949	.11427	.0038884	.0004998
%RSD	1.103352	7646.078	.4277903	1.017990	2.592911	6.193688

#1	40.55517	.001348	.4451352	11.20162	.1544519	.0074924
#2	41.15488	.001386	.4420352	11.34910	.1476292	.0083572
#3	40.27700	-.002829	.4416971	11.12417	.1478084	.0083590

Sample Name: Q2489-01DUP Acquired: 7/17/2025 1:39:44 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006665	-.050538	8.371566	.1070907	F 634.6949	.1509313
Stddev	.000938	.001266	.112078	.0013135	1.1083	.0024537
%RSD	14.07982	2.505140	1.338793	1.226523	.1746181	1.625694

#1	-.007626	-.049124	8.310194	.1086034	634.7807	.1516621
#2	-.006619	-.050924	8.500926	.1062396	633.5463	.1529366
#3	-.005751	-.051567	8.303579	.1064291	635.7579	.1481953

Elem	Sr4077
Units	ppm
Avg	5.117980
Stddev	.050160
%RSD	.9800780

#1	5.174616
#2	5.079157
#3	5.100168

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4761.147	79661.81	7933.558	4005.763	5745.309
Stddev	22.907	411.16	115.372	4.679	25.711
%RSD	.4811178	.5161367	1.454227	.1168130	.4475215

#1	4737.770	79251.96	7810.542	4000.921	5717.512
#2	4783.552	79659.19	8039.350	4010.261	5768.240
#3	4762.120	80074.27	7950.782	4006.109	5750.174

Sample Name: Q2489-01LX5 Acquired: 7/17/2025 1:44:13 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006067	-.000041	.0030956	-.005808	.0011872	.1834416
Stddev	.0014099	.001072	.0003821	.004678	.0006044	.0247620
%RSD	232.3973	2606.024	12.34487	80.55636	50.90989	13.49858

#1	-.001013	-.001269	.0031406	-.009308	.0011870	.1551136
#2	.001558	.000712	.0034533	-.000494	.0005830	.2009676
#3	.001275	.000434	.0026930	-.007621	.0017918	.1942434

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239465	.0000538	.0004584	248.0486	.0002091	.0004353
Stddev	.0007273	.0000419	.0000281	2.7050	.0001787	.0001303
%RSD	3.037083	77.93449	6.137023	1.090492	85.46623	29.92641

#1	.0243366	.0000162	.0004885	251.1023	.0002962	.0005544
#2	.0231074	.0000990	.0004541	245.9533	.0000035	.0004553
#3	.0243955	.0000461	.0004327	247.0902	.0003276	.0002962

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076361	.0040719	.1495888	5.310538	.0026885	-.000015
Stddev	.0004806	.0051306	.0015390	.046119	.0001375	.000261
%RSD	6.293206	126.0010	1.028848	.8684382	5.115614	1777.027

#1	.0081838	-.001512	.1513659	5.312148	.0028435	-.000269
#2	.0072852	.005149	.1486935	5.263635	.0026410	.000253
#3	.0074392	.008578	.1487069	5.355831	.0025811	-.000028

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.683474	-.001775	.0989821	2.151614	.0313767	.0015866
Stddev	.074587	.002888	.0005071	.024669	.0003365	.0001759
%RSD	1.115990	162.7254	.5123093	1.146532	1.072404	11.08823

#1	6.688345	-.001562	.0995633	2.171116	.0314309	.0015922
#2	6.755505	-.004764	.0986299	2.159844	.0310164	.0014079
#3	6.606571	.001001	.0987531	2.123882	.0316827	.0017596

Sample Name: Q2489-01LX5 Acquired: 7/17/2025 1:44:13 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002145	-.010533	1.542535	.0223555	F 137.2420	.0168854
Stddev	.000674	.000730	.019085	.0012589	1.9650	.0012842
%RSD	31.39768	6.934369	1.237225	5.631449	1.431766	7.605383

#1	-.002674	-.011360	1.539598	.0217323	139.0321	.0167145
#2	-.001387	-.009975	1.562918	.0215297	137.5542	.0182464
#3	-.002374	-.010264	1.525089	.0238045	135.1396	.0156951

Elem	Sr4077
Units	ppm
Avg	1.022389
Stddev	.009192
%RSD	.8990292

#1	1.033001
#2	1.016893
#3	1.017275

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5159.828	87396.72	8382.645	4377.071	6449.446
Stddev	3.408	305.47	132.703	11.285	14.220
%RSD	.0660401	.3495172	1.583067	.2578167	.2204784

#1	5158.624	87741.86	8298.766	4390.052	6448.426
#2	5157.185	87287.10	8535.639	4371.559	6435.764
#3	5163.673	87161.18	8313.528	4369.602	6464.149

Sample Name: Q2489-01MS Acquired: 7/17/2025 1:48:27 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8709278	1.743626	.9201176	2.254653	.9118602	2.286868
Stddev	.0046699	.044223	.0027272	.010063	.0025100	.001392
%RSD	.5361937	2.536275	.2963964	.4463033	.2752641	.0608632

#1	.8685663	1.778188	.9172270	2.254781	.9110755	2.288474
#2	.8679103	1.758900	.9226450	2.244527	.9098363	2.286110
#3	.8763068	1.693791	.9204808	2.264651	.9146688	2.286018

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3439115	.1848956	.1910395	1267.329	.3637737	.1983030
Stddev	.0011872	.0001383	.0003881	25.680	.0027174	.0007867
%RSD	.3451908	.0748223	.2031436	2.026302	.7470066	.3967225

#1	.3448611	.1849885	.1906362	1237.676	.3640203	.1974011
#2	.3425805	.1849617	.1910719	1282.174	.3663594	.1986602
#3	.3442929	.1847366	.1914104	1282.136	.3609414	.1988478

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3348612	3.277127	.9642009	28.89108	.4985669	.0535170
Stddev	.0009658	.017275	.0026129	.10158	.0010930	.0003921
%RSD	.2884123	.5271285	.2709901	.3515940	.2192282	.7325829

#1	.3340143	3.272291	.9621527	29.00679	.4973092	.0539673
#2	.3346564	3.296304	.9633063	28.81658	.4992872	.0532515
#3	.3359130	3.262786	.9671435	28.84987	.4991042	.0533323

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.76845	.2955747	.6893093	24.29078	.4092975	.4390529
Stddev	.20659	.0028234	.0029071	.13395	.0011601	.0012413
%RSD	.4324813	.9552276	.4217397	.5514534	.2834418	.2827290

#1	47.87771	.2974866	.6894502	24.31861	.4087850	.4377983
#2	47.89747	.2923318	.6921434	24.40863	.4106257	.4390798
#3	47.53017	.2969056	.6863343	24.14510	.4084819	.4402805

Sample Name: Q2489-01MS Acquired: 7/17/2025 1:48:27 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6768820	.1532254	10.12053	6.181671	F 654.3357	.3740470
Stddev	.0018753	.0009289	.02673	.015375	2.9657	.0025955
%RSD	.2770511	.6062453	.2641250	.2487247	.4532446	.6939021

#1	.6747865	.1536859	10.10650	6.171830	656.1467	.3763066
#2	.6784023	.1521562	10.15135	6.199388	655.9473	.3712121
#3	.6774573	.1538342	10.10373	6.173794	650.9131	.3746223

Elem	Sr4077
Units	ppm
Avg	5.531955
Stddev	.031643
%RSD	.5720039

#1	5.498334
#2	5.561155
#3	5.536376

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4685.165	77517.13	8152.502	3873.648	5664.735
Stddev	12.957	294.46	26.701	13.219	12.706
%RSD	.2765580	.3798656	.3275195	.3412629	.2242991

#1	4675.375	77319.74	8127.878	3859.752	5652.077
#2	4699.858	77376.07	8180.882	3875.125	5677.488
#3	4680.261	77855.59	8148.747	3886.067	5664.640

Sample Name: Q2489-01MSD Acquired: 7/17/2025 1:52:41 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8703821	1.718854	.9245516	2.268115	.9100468	2.269795
Stddev	.0055546	.039385	.0037202	.006256	.0014074	.012010
%RSD	.6381820	2.291349	.4023797	.2758201	.1546522	.5291010

#1	.8701764	1.762762	.9220438	2.275303	.9095788	2.283598
#2	.8649332	1.707156	.9288260	2.265134	.9089330	2.261743
#3	.8760367	1.686643	.9227851	2.263907	.9116286	2.264043

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3429665	.1835272	.1920889	1263.170	.3610369	.1989496
Stddev	.0018601	.0019555	.0002547	13.898	.0017231	.0002196
%RSD	.5423447	1.065516	.1326198	1.100254	.4772564	.1103697

#1	.3441498	.1856685	.1923140	1261.423	.3629201	.1990761
#2	.3439271	.1830770	.1921404	1277.859	.3606515	.1990766
#3	.3408225	.1818360	.1918124	1250.228	.3595392	.1986960

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3342002	3.258465	.9618071	28.82283	.4999863	.0499633
Stddev	.0006314	.021868	.0008943	.03228	.0008323	.0003092
%RSD	.1889377	.6711054	.0929858	.1119891	.1664665	.6188467

#1	.3349238	3.241629	.9616857	28.85388	.4994418	.0500504
#2	.3337611	3.283180	.9627560	28.82517	.5009444	.0496199
#3	.3339156	3.250584	.9609797	28.78945	.4995728	.0502196

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.05262	.2951772	.6818016	24.02047	.4058906	.4399836
Stddev	.16287	.0042270	.0023980	.16089	.0033473	.0005773
%RSD	.3461404	1.432036	.3517101	.6698216	.8246864	.1312013

#1	46.87483	.3000238	.6823487	23.83491	.4095437	.4401665
#2	47.19461	.2922533	.6838788	24.10532	.4051575	.4393370
#3	47.08843	.2932543	.6791774	24.12118	.4029706	.4404472

Sample Name: Q2489-01MSD Acquired: 7/17/2025 1:52:41 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6816312	.1543914	10.01681	6.178915	F 651.7963	.3633156
Stddev	.0006183	.0009418	.06914	.023510	3.3182	.0050567
%RSD	.0907152	.6100004	.6902095	.3804801	.5090789	1.391810
#1	.6815836	.1536199	9.95253	6.201547	654.9624	.3636629
#2	.6822720	.1541132	10.08995	6.180582	652.0821	.3580942
#3	.6810381	.1554409	10.00795	6.154617	648.3445	.3681896

Elem	Sr4077
Units	ppm
Avg	5.481445
Stddev	.027693
%RSD	.5052097
#1	5.455930
#2	5.477511
#3	5.510894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4739.164	79143.01	8302.293	3930.107	5715.164
Stddev	10.628	113.68	60.289	12.605	8.798
%RSD	.2242680	.1436441	.7261727	.3207342	.1539344
#1	4727.031	79135.75	8237.167	3942.510	5705.179
#2	4746.829	79033.13	8313.553	3917.309	5718.537
#3	4743.631	79260.15	8356.158	3930.500	5721.776

Sample Name: Q2489-01A Acquired: 7/17/2025 1:56:55 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8711992	1.795947	.9321875	2.257967	.9029554	2.294133
Stddev	.0067617	.052082	.0013324	.015661	.0062409	.025604
%RSD	.7761369	2.899975	.1429363	.6935906	.6911649	1.116045

#1	.8650111	1.771028	.9337237	2.243162	.8959660	2.265162
#2	.8701701	1.761005	.9313461	2.256375	.9049301	2.313722
#3	.8784165	1.855807	.9314926	2.274363	.9079701	2.303516

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3435040	.1866463	.1937086	1251.706	.3613913	.1999774
Stddev	.0036936	.0005506	.0004394	26.334	.0020899	.0002656
%RSD	1.075266	.2949939	.2268167	2.103861	.5782836	.1328366

#1	.3405417	.1862404	.1941708	1221.319	.3591102	.2000473
#2	.3423278	.1872730	.1932964	1267.887	.3618500	.1996838
#3	.3476424	.1864254	.1936586	1265.911	.3632138	.2002011

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3361046	3.180948	.9673127	29.19134	.5031774	.0525690
Stddev	.0012735	.030604	.0083849	.22687	.0009320	.0002636
%RSD	.3788865	.9621135	.8668209	.7771662	.1852267	.5014806

#1	.3352659	3.154597	.9597264	28.96180	.5040443	.0528730
#2	.3354780	3.173731	.9658960	29.19677	.5021916	.0524049
#3	.3375699	3.214515	.9763156	29.41543	.5032962	.0524289

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.81071	.2939160	.6760323	23.41776	.4121914	.4397700
Stddev	.41442	.0043530	.0015647	.22979	.0019102	.0018709
%RSD	.9046457	1.481036	.2314484	.9812651	.4634186	.4254327

#1	45.47202	.2909776	.6772024	23.19863	.4104494	.4381778
#2	45.68728	.2918535	.6766394	23.39775	.4142341	.4393015
#3	46.27283	.2989170	.6742550	23.65690	.4118907	.4418306

Sample Name: Q2489-01A Acquired: 7/17/2025 1:56:55 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6919468	.1535207	9.796922	6.366930	F 668.8523	.3622624
Stddev	.0025105	.0022925	.090602	.005959	3.3013	.0071403
%RSD	.3628190	1.493267	.9247966	.0936002	.4935745	1.971030
#1	.6944069	.1522961	9.717368	6.372589	670.3555	.3605680
#2	.6893887	.1521005	9.777861	6.367490	665.0670	.3561216
#3	.6920449	.1561654	9.895538	6.360710	671.1346	.3700974

Elem	Sr4077
Units	ppm
Avg	5.490031
Stddev	.126655
%RSD	2.307008
#1	5.345220
#2	5.544718
#3	5.580155

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4679.053	79124.20	8057.569	3974.045	5614.475
Stddev	12.678	366.08	39.262	18.560	7.138
%RSD	.2709478	.4626623	.4872740	.4670322	.1271392
#1	4691.130	79422.01	8087.781	3960.953	5608.592
#2	4680.181	78715.49	8013.189	3965.897	5622.416
#3	4665.849	79235.09	8071.736	3995.286	5612.417

Sample Name: Q2489-02 Acquired: 7/17/2025 2:01:10 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005079	.0005352	-.003857	-.012295	-.000415	.2120267
Stddev	.000962	.0031215	.001581	.002166	.001774	.0120183
%RSD	18.93923	583.2162	40.98912	17.61612	427.8897	5.668302

#1	-.003983	-.002942	-.005319	-.013047	-.000771	.2003195
#2	-.005785	.001452	-.004073	-.009854	.001511	.2243337
#3	-.005468	.003096	-.002179	-.013985	-.001984	.2114270

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2975854	.0014649	-.002328	360.9821	-.014141	.0546722
Stddev	.0018350	.0000528	.000103	3.0296	.000183	.0002476
%RSD	.6166257	3.602845	4.443778	.8392748	1.295185	.4528490

#1	.2980929	.0015242	-.002426	362.9668	-.014351	.0546234
#2	.2955501	.0014473	-.002220	357.4949	-.014057	.0544527
#3	.2991132	.0014232	-.002338	362.4847	-.014015	.0549406

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048306	127.7585	6.494347	32.98185	.0577324	.0028462
Stddev	.0005750	.3313	.044892	.20537	.0005512	.0005254
%RSD	11.90322	.2593065	.6912482	.6226871	.9546670	18.46021

#1	.0045669	127.5938	6.517285	33.04257	.0579149	.0023071
#2	.0054901	127.5417	6.442620	32.75297	.0571131	.0028748
#3	.0044347	128.1398	6.523136	33.15002	.0581691	.0033567

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.68767	-.002646	3.029646	5.606124	.3955609	-.000216
Stddev	.11138	.002021	.009222	.041541	.0034510	.000257
%RSD	.5657231	76.39848	.3044059	.7409944	.8724316	118.5370

#1	19.56978	-.004980	3.040245	5.593455	.3963034	.000079
#2	19.70211	-.001492	3.023457	5.652524	.3917991	-.000351
#3	19.79113	-.001466	3.025236	5.572392	.3985802	-.000378

Sample Name: Q2489-02 Acquired: 7/17/2025 2:01:10 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005477	-.014632	6.283652	.0251380	F 262.3053	.0208816
Stddev	.000241	.000864	.003449	.0026207	1.8551	.0073232
%RSD	4.403673	5.902573	.0548941	10.42517	.7072275	35.07019

#1	-.005661	-.013806	6.280977	.0258802	260.1694	.0242035
#2	-.005566	-.014563	6.287545	.0222263	263.2329	.0124862
#3	-.005204	-.015529	6.282434	.0273076	263.5138	.0259551

Elem	Sr4077
Units	ppm
Avg	1.589113
Stddev	.010604
%RSD	.6672708

#1	1.594197
#2	1.576925
#3	1.596218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5020.221	83021.36	7858.624	4186.353	6226.997
Stddev	26.031	301.96	68.526	7.815	28.754
%RSD	.5185177	.3637103	.8719909	.1866749	.4617607

#1	5033.623	82831.16	7809.222	4178.456	6237.287
#2	5036.821	83369.53	7936.855	4194.083	6249.190
#3	4990.220	82863.38	7829.795	4186.519	6194.514

Sample Name: CCV02 Acquired: 7/17/2025 2:05:15 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985329	4.803117	4.769426	5.033744	5.050307	9.751492	9.851603
Stddev	.009393	.045854	.028655	.015579	.004572	.032288	.149395
%RSD	.1884065	.9546697	.6008149	.3094934	.0905339	.3311125	1.516455

#1	4.995000	4.853273	4.794537	5.032734	5.051869	9.720810	9.679779
#2	4.984745	4.792732	4.775529	5.049803	5.053895	9.748489	9.924247
#3	4.976241	4.763347	4.738210	5.018694	5.045159	9.785177	9.950785

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2412374	2.368292	25.55177	.9122681	2.401225	1.239232	5.104611
Stddev	.0040114	.012550	.19384	.0048150	.009618	.004530	.098365
%RSD	1.662827	.5299334	.7586156	.5278018	.4005302	.3655629	1.926986

#1	.2390104	2.376624	25.32815	.9164211	2.408491	1.241892	5.146109
#2	.2388335	2.374394	25.65529	.9133929	2.404865	1.241802	5.175427
#3	.2458682	2.353857	25.67188	.9069903	2.390318	1.234001	4.992297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.490135	23.85064	2.402695	1.247801	25.02432	2.405079	2.514874
Stddev	.011249	.12778	.009831	.002342	.50286	.009105	.009734
%RSD	.4517442	.5357627	.4091604	.1876739	2.009480	.3785590	.3870682

#1	2.477151	23.71735	2.408375	1.248820	25.25647	2.395437	2.518117
#2	2.496298	23.86248	2.408367	1.249461	25.36917	2.413529	2.522573
#3	2.496956	23.97209	2.391344	1.245123	24.44733	2.406271	2.503932

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.63237	4.807014	4.948879	4.776326	5.141725	4.839128	4.871732
Stddev	.42785	.085922	.011844	.026077	.025820	.088855	.041387
%RSD	1.669179	1.787436	.2393246	.5459544	.5021604	1.836187	.8495364

#1	25.97649	4.752472	4.956000	4.793031	5.112119	4.892368	4.885904
#2	25.76730	4.762511	4.955429	4.789669	5.159570	4.888464	4.904172
#3	25.15332	4.906059	4.935206	4.746278	5.153486	4.736551	4.825121

Sample Name: CCV02 Acquired: 7/17/2025 2:05:15 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.904245	4.788492	5.019983
Stddev	.027186	.013699	.092283
%RSD	.5543457	.2860773	1.838311

#1	4.923336	4.776969	4.943805
#2	4.916280	4.803638	4.993545
#3	4.873118	4.784869	5.122600

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5086.233	81970.24	7964.531	4209.428	6263.284
Stddev	21.045	598.53	95.970	32.224	28.817
%RSD	.4137580	.7301776	1.204969	.7655131	.4600895

#1	5073.910	81569.31	8028.380	4212.565	6242.593
#2	5074.257	81683.18	8011.046	4175.751	6251.061
#3	5110.533	82658.23	7854.167	4239.969	6296.198

Sample Name: CCB02 Acquired: 7/17/2025 2:09:26 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016211	.0033267	-.000125	-.000767	-.002223	-.010619
Stddev	.0012939	.0011645	.000333	.001899	.003001	.007979
%RSD	79.81479	35.00524	266.8637	247.6645	135.0140	75.13648

#1	.0031067	.0024044	.000189	-.002921	-.000702	-.001704
#2	.0007407	.0046353	-.000475	-.000043	-.000286	-.013062
#3	.0010160	.0029404	-.000088	.000664	-.005679	-.017090

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000525	.0000984	.0000804	.0126132	-.000034	-.000143
Stddev	.000639	.0000166	.0000935	.0059054	.000210	.000102
%RSD	121.7435	16.85421	116.3548	46.81926	628.2964	71.04250

#1	.000212	.0001175	.0001786	.0130209	.000184	-.000232
#2	-.000860	.0000896	.0000701	.0065145	-.000048	-.000032
#3	-.000927	.0000880	-.000008	.0183041	-.000236	-.000165

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000158	-.002445	-.000029	-.024067	-.000412	-.000260
Stddev	.000298	.001288	.000494	.005369	.000094	.000504
%RSD	187.9071	52.68831	1729.189	22.30812	22.85851	193.3025

#1	-.000157	-.002667	.000394	-.030214	-.000505	-.000840
#2	.000139	-.003608	.000092	-.021687	-.000415	-.000015
#3	-.000456	-.001060	-.000572	-.020299	-.000317	.000073

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.354815	-.003409	-.000471	.1297870	.0067208	.0005102
Stddev	.020290	.002233	.000218	.0097580	.0000518	.0003646
%RSD	5.718607	65.51301	46.23071	7.518461	.7706411	71.46108

#1	-.333118	-.005680	-.000696	.1363460	.0067333	.0007080
#2	-.358006	-.001216	-.000457	.1344418	.0066640	.0007331
#3	-.373321	-.003330	-.000261	.1185732	.0067653	.0000895

Sample Name: CCB02 Acquired: 7/17/2025 2:09:26 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000758	.0015922	-.041698	.0022402	F .0358161	-.009485
Stddev	.000499	.0023502	.005359	.0016158	.0026163	.005953
%RSD	65.86101	147.6053	12.85298	72.12792	7.304752	62.76042

#1	-.000520	.0027697	-.035845	.0006268	.0386159	-.014114
#2	-.001331	.0031209	-.046366	.0022353	.0334335	-.011571
#3	-.000422	-.001114	-.042882	.0038584	.0353990	-.002770

Elem	Sr4077
Units	ppm
Avg	.0000368
Stddev	.0001087
%RSD	295.4558

#1	-.000016
#2	.000162
#3	-.000036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5327.964	86451.14	7937.153	4442.380	6957.593
Stddev	9.963	620.65	70.462	29.189	5.901
%RSD	.1869975	.7179146	.8877548	.6570464	.0848177

#1	5339.414	86135.73	7964.886	4423.571	6964.297
#2	5323.206	86051.54	7857.044	4427.565	6955.299
#3	5321.272	87166.15	7989.530	4476.005	6953.183

Sample Name: Q2489-03 Acquired: 7/17/2025 2:13:45 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031543	-.005498	.1087100	-.007443	.0996937	.3310859
Stddev	.0014053	.003227	.0021999	.001754	.0025402	.0110208
%RSD	44.55349	58.69279	2.023626	23.56192	2.547973	3.328684

#1	.0031132	-.005331	.1098141	-.008902	.1020793	.3437944
#2	.0017699	-.008805	.1101392	-.007930	.0999787	.3241584
#3	.0045797	-.002358	.1061767	-.005498	.0970230	.3253049

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1720182	-.000131	.0031798	763.1750	.0006825	.0019210
Stddev	.0013975	.000040	.0000542	10.1941	.0001940	.0002166
%RSD	.8123858	30.18542	1.705035	1.335747	28.42178	11.27543

#1	.1722363	-.000106	.0031573	761.3171	.0008907	.0017141
#2	.1705245	-.000111	.0032417	754.0377	.0005070	.0019029
#3	.1732938	-.000177	.0031405	774.1703	.0006497	.0021461

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344851	.0518634	.3898210	31.63703	.0153458	-.001104
Stddev	.0001901	.0077035	.0033465	.31510	.0002356	.000342
%RSD	.5511959	14.85337	.8584780	.9959900	1.535297	30.98646

#1	.0344967	.0558631	.3936648	31.99728	.0153096	-.001402
#2	.0342894	.0429827	.3875556	31.41270	.0151303	-.001179
#3	.0346691	.0567442	.3882424	31.50110	.0155973	-.000730

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.38809	.0003687	.3165992	17.24865	.2915011	.0122043
Stddev	.97739	.0025229	.0006245	.14985	.0058739	.0001787
%RSD	1.014012	684.2185	.1972591	.8687637	2.015067	1.464532

#1	96.12141	-.002252	.3171742	17.12272	.2960829	.0120871
#2	97.47114	.002781	.3166886	17.41438	.2848791	.0124100
#3	95.57172	.000578	.3159348	17.20883	.2935413	.0121158

Sample Name: Q2489-03 Acquired: 7/17/2025 2:13:45 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005343	-.028465	12.30764	.0757184	F 322.2199	.1111837
Stddev	.000541	.000660	.10208	.0019383	1.6410	.0040096
%RSD	10.11735	2.318805	.8293781	2.559942	.5092780	3.606306

#1	-.004745	-.028411	12.32025	.0774749	323.8077	.1071000
#2	-.005795	-.027834	12.40282	.0736388	322.3217	.1113362
#3	-.005490	-.029150	12.19984	.0760414	320.5304	.1151149

Elem	Sr4077
Units	ppm
Avg	2.784142
Stddev	.098004
%RSD	3.520065

#1	2.839153
#2	2.670991
#3	2.842281

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4769.557	81071.78	8139.745	3995.702	5861.789
Stddev	50.801	510.16	128.178	8.644	46.993
%RSD	1.065103	.6292706	1.574716	.2163213	.8016775

#1	4799.025	80490.13	8009.556	3986.654	5888.635
#2	4798.748	81281.79	8265.813	3996.577	5889.205
#3	4710.897	81443.42	8143.865	4003.875	5807.528

Sample Name: Q2489-04 Acquired: 7/17/2025 2:18:14 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209058	-.001045	.0672789	-.008034	.0061144	.7726373
Stddev	.0024956	.000979	.0008643	.003288	.0010504	.0156363
%RSD	11.93710	93.67294	1.284647	40.92707	17.17836	2.023759

#1	.0228092	-.000659	.0682713	-.011825	.0073270	.7834400
#2	.0180805	-.002158	.0666911	-.005955	.0054872	.7797647
#3	.0218278	-.000318	.0668743	-.006322	.0055289	.7547071

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3898779	.0007395	.0018961	324.3696	-.005641	.0901108
Stddev	.0006014	.0000389	.0001207	2.7894	.000084	.0001995
%RSD	.1542605	5.253311	6.366295	.8599317	1.492195	.2213504

#1	.3892601	.0007279	.0020081	324.6831	-.005651	.0900432
#2	.3904615	.0007828	.0019121	321.4367	-.005552	.0899540
#3	.3899122	.0007078	.0017682	326.9889	-.005720	.0903353

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262315	67.00625	11.16648	35.64584	.0942035	.0034876
Stddev	.0005683	.36391	.03121	.15456	.0004191	.0004890
%RSD	2.166390	.5430987	.2795222	.4336124	.4448470	14.02003

#1	.0267297	66.71617	11.15429	35.69884	.0942285	.0029527
#2	.0256125	67.41458	11.20195	35.76694	.0937725	.0039115
#3	.0263523	66.88799	11.14321	35.47175	.0946096	.0035986

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.836341	-.002860	3.460506	6.949253	.2697716	-.001249
Stddev	.030837	.000555	.010614	.030403	.0008216	.000158
%RSD	.3489737	19.41684	.3067214	.4375070	.3045512	12.61530

#1	8.813982	-.003450	3.464547	6.915818	.2688334	-.001140
#2	8.823522	-.002347	3.468506	6.975241	.2703622	-.001430
#3	8.871520	-.002782	3.448465	6.956701	.2701193	-.001178

Sample Name: Q2489-04 Acquired: 7/17/2025 2:18:14 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005669	-.013323	10.51940	.0290312	F 219.4676	.0281307
Stddev	.000328	.000436	.04506	.0012146	1.0760	.0033847
%RSD	5.785890	3.271032	.4283804	4.183840	.4902636	12.03197
#1	-.005717	-.012821	10.47660	.0304083	218.2651	.0243656
#2	-.005970	-.013606	10.56643	.0281124	219.7980	.0291055
#3	-.005319	-.013542	10.51517	.0285729	220.3396	.0309210

Elem	Sr4077
Units	ppm
Avg	1.143075
Stddev	.001308
%RSD	.1144645
#1	1.142121
#2	1.144567
#3	1.142538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5104.375	88378.04	8846.633	4295.423	6427.032
Stddev	7.173	463.81	58.319	31.916	4.341
%RSD	.1405301	.5248070	.6592224	.7430119	.0675360
#1	5111.894	88057.87	8788.433	4278.013	6432.044
#2	5103.623	88166.31	8846.396	4275.998	6424.559
#3	5097.607	88909.93	8905.070	4332.257	6424.493

Sample Name: Q2489-05 Acquired: 7/17/2025 2:22:27 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020725	-.005310	.0404892	-.005125	.0221789	.2713165
Stddev	.0026458	.000932	.0007941	.001918	.0004608	.0145132
%RSD	127.6601	17.54929	1.961297	37.43009	2.077709	5.349182

#1	.0043546	-.006358	.0399377	-.002921	.0222934	.2660013
#2	-.000828	-.004995	.0401306	-.006035	.0225717	.2877380
#3	.002690	-.004576	.0413994	-.006419	.0216717	.2602102

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1479183	-.000081	.0019394	677.6563	.0014209	.0019383
Stddev	.0011479	.000038	.0000689	12.7731	.0002755	.0001640
%RSD	.7760531	46.85072	3.553797	1.884890	19.39198	8.458874

#1	.1488790	-.000105	.0019819	663.6769	.0011078	.0019253
#2	.1482288	-.000102	.0019764	680.5738	.0016264	.0017813
#3	.1466470	-.000037	.0018598	688.7183	.0015285	.0021084

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0281344	.0276006	.4927022	19.17750	.0120557	-.000627
Stddev	.0005543	.0036167	.0028447	.11563	.0003130	.000611
%RSD	1.970166	13.10363	.5773641	.6029235	2.596670	97.44120

#1	.0274976	.0271795	.4899903	19.17164	.0117115	.000023
#2	.0285080	.0314094	.4956633	19.29594	.0123234	-.000714
#3	.0283977	.0242129	.4924531	19.06491	.0121323	-.001190

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.86025	.0004390	.2667943	13.98829	.1668580	.0093782
Stddev	.40196	.0017293	.0004682	.03556	.0016928	.0003147
%RSD	.5672505	393.8985	.1754935	.2542296	1.014531	3.356139

#1	71.32238	.0017551	.2668676	14.02723	.1657816	.0090148
#2	70.59184	.0010814	.2662938	13.98012	.1659831	.0095519
#3	70.66652	-.001520	.2672216	13.95753	.1688092	.0095677

Sample Name: Q2489-05 Acquired: 7/17/2025 2:22:27 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005749	-.027540	12.43175	.0964728	F 269.8635	.0840344
Stddev	.001015	.001858	.06525	.0046759	.4432	.0034204
%RSD	17.65336	6.746584	.5248887	4.846821	.1642171	4.070247

#1	-.006308	-.025639	12.50658	.0939926	269.9570	.0853571
#2	-.004577	-.027629	12.40192	.0935596	270.2524	.0865960
#3	-.006361	-.029351	12.38674	.1018662	269.3811	.0801502

Elem	Sr4077
Units	ppm
Avg	2.307675
Stddev	.007557
%RSD	.3274553

#1	2.299523
#2	2.314445
#3	2.309058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4891.891	83480.46	8526.372	4108.621	6029.488
Stddev	1.523	151.20	58.395	7.951	6.220
%RSD	.0311231	.1811255	.6848764	.1935280	.1031571

#1	4890.382	83633.42	8589.518	4102.828	6026.411
#2	4893.426	83331.08	8474.319	4105.348	6036.646
#3	4891.865	83476.88	8515.279	4117.686	6025.405

Sample Name: Q2489-06 Acquired: 7/17/2025 2:26:54 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004340	-.004192	.0023264	-.004384	.0121861	.2660249
Stddev	.003084	.001867	.0010262	.005383	.0013328	.0026537
%RSD	71.05320	44.53767	44.11285	122.7860	10.93737	.9975422

#1	-.004866	-.006330	.0034953	-.002598	.0137246	.2659004
#2	-.001027	-.003366	.0015738	-.010433	.0114543	.2634356
#3	-.007127	-.002880	.0019100	-.000121	.0113795	.2687386

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2697605	-.000244	.0000610	618.8645	.0007527	.0174171
Stddev	.0014320	.000076	.0000586	.6242	.0003576	.0000475
%RSD	.5308530	30.93383	96.12124	.1008692	47.51475	.2726772

#1	.2693552	-.000331	.0000172	618.2743	.0006541	.0173623
#2	.2713515	-.000192	.0000381	619.5179	.0011493	.0174467
#3	.2685748	-.000210	.0001276	618.8012	.0004547	.0174424

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017770	.0168740	2.682610	28.53307	.0146658	-.000642
Stddev	.0001863	.0058451	.007163	.12277	.0003074	.000710
%RSD	10.48379	34.63934	.2669996	.4302766	2.096336	110.6616

#1	.0017761	.0215761	2.674670	28.39309	.0144308	.000152
#2	.0015911	.0187161	2.684576	28.62245	.0145530	-.000860
#3	.0019637	.0103299	2.688584	28.58368	.0150137	-.001217

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.41258	-.001972	.5030793	7.415438	.2972099	.0098024
Stddev	.25238	.001804	.0006933	.065131	.0011934	.0001067
%RSD	.8034293	91.45030	.1378062	.8783143	.4015208	1.088210

#1	31.65878	-.001767	.5024192	7.459071	.2964183	.0096984
#2	31.42452	-.000280	.5038016	7.446670	.2966289	.0097974
#3	31.15445	-.003870	.5030171	7.340573	.2985825	.0099115

Sample Name: Q2489-06 Acquired: 7/17/2025 2:26:54 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005368	-.025176	9.210794	.1018505	F 260.9644	.0715710
Stddev	.000636	.001348	.068516	.0034547	1.0391	.0041738
%RSD	11.85174	5.354303	.7438675	3.391895	.3981810	5.831759

#1	-.005722	-.026508	9.234683	.1019469	259.9152	.0669246
#2	-.004634	-.023812	9.264167	.0983486	261.9931	.0727853
#3	-.005749	-.025209	9.133531	.1052559	260.9848	.0750029

Elem	Sr4077
Units	ppm
Avg	2.441930
Stddev	.024816
%RSD	1.016235

#1	2.413366
#2	2.454238
#3	2.458186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4950.946	83186.82	8497.690	4107.198	6147.417
Stddev	14.104	310.97	45.897	35.784	20.006
%RSD	.2848666	.3738210	.5401115	.8712451	.3254405

#1	4965.467	83443.25	8547.483	4127.738	6168.968
#2	4950.070	82840.92	8488.510	4065.879	6143.844
#3	4937.301	83276.28	8457.076	4127.977	6129.438

Sample Name: Q2489-07 Acquired: 7/17/2025 2:31:23 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011308	-.004493	.0214163	-.002422	.0122926	.3043766
Stddev	.0021478	.002037	.0007693	.001876	.0018427	.0048941
%RSD	189.9368	45.34218	3.592125	77.44144	14.99002	1.607909

#1	-.000843	-.006837	.0215241	-.000840	.0111289	.2988865
#2	.000818	-.003494	.0221261	-.001933	.0113317	.3082821
#3	.003418	-.003148	.0205988	-.004494	.0144171	.3059611

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2209895	-.000086	.0057100	587.0055	.0010561	.0108258
Stddev	.0000880	.000048	.0000330	4.2427	.0000642	.0002977
%RSD	.0398227	55.29231	.5778859	.7227656	6.074306	2.749819

#1	.2209269	-.000082	.0057480	591.6434	.0010159	.0107480
#2	.2209514	-.000040	.0056888	586.0532	.0010224	.0111547
#3	.2210901	-.000135	.0056932	583.3199	.0011301	.0105747

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415420	.0758537	1.673624	18.13399	.0166511	-.000605
Stddev	.0004615	.0024641	.001440	.12953	.0001949	.000562
%RSD	1.110871	3.248432	.0860707	.7143176	1.170596	93.01090

#1	.0410176	.0732396	1.674779	18.27591	.0166057	.000011
#2	.0417223	.0781335	1.672010	18.02213	.0168647	-.000732
#3	.0418861	.0761879	1.674084	18.10393	.0164828	-.001092

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.77645	.0098001	.7610321	11.02406	.1346056	.0253334
Stddev	.38277	.0016751	.0018470	.12875	.0008277	.0001388
%RSD	1.167816	17.09248	.2426966	1.167866	.6149044	.5479504

#1	32.35341	.0098086	.7589514	10.87681	.1353956	.0254777
#2	33.09881	.0081208	.7624778	11.11540	.1346765	.0253217
#3	32.87715	.0114710	.7616672	11.07997	.1337447	.0252008

Sample Name: Q2489-07 Acquired: 7/17/2025 2:31:23 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005630	-.022373	F 21.68346	.1157659	F 225.4809	.0631027
Stddev	.000409	.000583	.18621	.0022363	.6440	.0029760
%RSD	7.273813	2.605058	.8587709	1.931783	.2856190	4.716158

#1	-.005669	-.022489	21.48351	.1177071	226.2230	.0605016
#2	-.006018	-.022890	21.85191	.1133205	225.0685	.0624584
#3	-.005202	-.021742	21.71496	.1162702	225.1512	.0663481

Elem	Sr4077
Units	ppm
Avg	2.298595
Stddev	.054340
%RSD	2.364047

#1	2.353372
#2	2.244703
#3	2.297711

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4941.720	84769.46	8502.554	4140.162	6137.308
Stddev	5.879	298.17	83.847	9.759	9.185
%RSD	.1189623	.3517479	.9861366	.2357079	.1496556

#1	4944.898	84905.61	8406.478	4138.193	6147.245
#2	4934.936	84427.52	8540.231	4131.538	6129.131
#3	4945.325	84975.26	8560.953	4150.755	6135.547

Sample Name: Q2489-08 Acquired: 7/17/2025 2:35:51 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000783	-.005306	.0049708	-.003267	.0052571	.3063968
Stddev	.001527	.001108	.0008958	.003774	.0013027	.0180242
%RSD	195.1145	20.89033	18.02111	115.4970	24.78058	5.882639

#1	-.000028	-.006510	.0043339	-.006017	.0060975	.2876439
#2	.000221	-.005079	.0045833	-.004819	.0059172	.3235911
#3	-.002540	-.004328	.0059951	.001035	.0037564	.3079554

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2335254	-.000245	.0001669	540.6598	.0003277	.0244523
Stddev	.0006668	.000016	.0000340	7.2089	.0001111	.0000840
%RSD	.2855288	6.437519	20.35628	1.333346	33.90103	.3437393

#1	.2327680	-.000246	.0001283	536.8295	.0003781	.0244772
#2	.2337845	-.000229	.0001802	548.9753	.0002003	.0243586
#3	.2340238	-.000261	.0001922	536.1746	.0004045	.0245211

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026614	.1326889	2.118803	20.16835	.0180879	-.000193
Stddev	.0003743	.0032269	.004849	.11503	.0003128	.000144
%RSD	14.06395	2.431922	.2288344	.5703294	1.729131	74.28908

#1	.0023216	.1329370	2.113251	20.08682	.0181353	-.000354
#2	.0026000	.1293452	2.122202	20.29992	.0183742	-.000078
#3	.0030626	.1357847	2.120957	20.11831	.0177541	-.000148

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.45424	-.000537	.9019003	7.458318	.1541755	.0179924
Stddev	.11942	.004004	.0030394	.050587	.0019290	.0003421
%RSD	.5091688	745.0578	.3369986	.6782675	1.251172	1.901428

#1	23.53514	-.004800	.9011084	7.473215	.1529580	.0182516
#2	23.31708	.000043	.9052572	7.401955	.1563996	.0181209
#3	23.51049	.003145	.8993352	7.499784	.1531689	.0176046

Sample Name: Q2489-08 Acquired: 7/17/2025 2:35:51 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005620	-.020689	7.945279	.0325724	F 215.2498	.0584785
Stddev	.000434	.001289	.037259	.0026642	1.7951	.0033229
%RSD	7.724714	6.229400	.4689422	8.179467	.8339687	5.682265

#1	-.006005	-.019218	7.941521	.0352029	213.1795	.0623151
#2	-.005149	-.021618	7.910042	.0298756	216.3742	.0565158
#3	-.005705	-.021233	7.984275	.0326386	216.1956	.0566045

Elem	Sr4077
Units	ppm
Avg	2.155114
Stddev	.012615
%RSD	.5853677

#1	2.164248
#2	2.140720
#3	2.160375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4951.522	85604.59	8617.100	4195.504	6146.290
Stddev	8.371	184.03	54.859	15.603	5.468
%RSD	.1690671	.2149728	.6366274	.3718913	.0889719

#1	4945.128	85567.71	8627.893	4191.242	6140.434
#2	4960.998	85441.79	8557.647	4182.475	6151.263
#3	4948.441	85804.26	8665.760	4212.795	6147.172

Sample Name: CCV03 Acquired: 7/17/2025 2:46:37 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.964350	4.763654	4.646233	5.001160	5.008927	9.574335	9.799304
Stddev	.015878	.071340	.003872	.024334	.011280	.026663	.074415
%RSD	.3198399	1.497600	.0833346	.4865571	.2251969	.2784824	.7593894
#1	4.969527	4.696182	4.649984	4.995606	5.003574	9.581335	9.771760
#2	4.946529	4.756462	4.646463	4.980084	5.001321	9.596799	9.742588
#3	4.976993	4.838318	4.642250	5.027791	5.021887	9.544870	9.883564
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2293230	2.334417	24.73594	.9583555	2.365761	1.230525	4.909458
Stddev	.0019223	.001495	.03346	.0002675	.001627	.001980	.055403
%RSD	.8382322	.0640391	.1352528	.0279116	.0687715	.1609298	1.128505
#1	.2307410	2.334807	24.72849	.9585375	2.367112	1.231923	4.864051
#2	.2300928	2.332765	24.77249	.9584805	2.363955	1.228259	4.893133
#3	.2271352	2.335678	24.70683	.9580483	2.366215	1.231393	4.971189
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.425994	23.15693	2.369792	1.197395	24.95112	2.377314	2.429392
Stddev	.006092	.16611	.001430	.002316	.14895	.001886	.007282
%RSD	.2511286	.7173302	.0603418	.1933801	.5969679	.0793385	.2997607
#1	2.422879	23.18350	2.371351	1.195020	24.86576	2.377986	2.423028
#2	2.433015	23.30816	2.368542	1.197519	24.86450	2.378772	2.427814
#3	2.422090	22.97914	2.369482	1.199646	25.12312	2.375184	2.437334
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.99386	4.613454	4.948089	4.679807	5.032537	4.702123	4.778332
Stddev	.18556	.042131	.011723	.004528	.008184	.044986	.013585
%RSD	.7424078	.9132218	.2369273	.0967497	.1626195	.9567131	.2842999
#1	24.81746	4.642126	4.945280	4.684404	5.030724	4.654548	4.763849
#2	24.97673	4.633155	4.938026	4.679665	5.041475	4.707849	4.780356
#3	25.18739	4.565082	4.960962	4.675352	5.025411	4.743972	4.790792

Sample Name: CCV03 Acquired: 7/17/2025 2:46:37 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.785742	4.847378	4.952329
Stddev	.010507	.015242	.047074
%RSD	.2195539	.3144296	.9505383

#1	4.776586	4.840727	5.004508
#2	4.783427	4.864815	4.913050
#3	4.797214	4.836592	4.939431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5102.775	86528.13	8317.214	4361.011	6307.483
Stddev	10.623	354.28	48.964	19.066	12.590
%RSD	.2081858	.4094380	.5887046	.4371921	.1996058

#1	5091.687	86693.56	8281.447	4376.002	6293.334
#2	5112.863	86769.43	8297.176	4367.479	6317.449
#3	5103.774	86121.39	8373.018	4339.553	6311.667

Sample Name: CCB03 Acquired: 7/17/2025 2:50:49 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027163	.0029756	.0011677	-.000698	-.002158	.0029257	-.001805
Stddev	.0012998	.0009431	.0010122	.003594	.002318	.0107691	.000232
%RSD	47.85220	31.69601	86.68755	515.2324	107.4103	368.0877	12.85341

#1	.0042141	.0036683	.0000294	-.002271	.000151	-.004486	-.001604
#2	.0020502	.0019015	.0019669	-.003236	-.002141	-.002016	-.002059
#3	.0018846	.0033570	.0015068	.003415	-.004485	.015279	-.001752

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000405	.0000548	-.001318	-.000054	-.000125	-.000353	-.003255
Stddev	.0000363	.0000099	.008613	.000368	.000111	.000119	.003450
%RSD	89.65067	17.99315	653.6641	680.1371	88.84092	33.73997	105.9873

#1	.0000011	.0000518	-.011102	-.000110	.000003	-.000266	-.002240
#2	.0000726	.0000659	.002030	-.000391	-.000192	-.000489	-.007099
#3	.0000478	.0000469	.005119	.000339	-.000185	-.000305	-.000427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000335	-.016859	-.000252	-.000104	-.554489	-.002431	-.000471
Stddev	.000253	.015943	.000090	.000412	.015083	.000884	.000305
%RSD	75.55322	94.56742	35.65560	396.0624	2.720203	36.35803	64.65817

#1	-.000614	-.029537	-.000149	-.000096	-.544740	-.003377	-.000786
#2	-.000269	-.022079	-.000292	.000304	-.571862	-.002290	-.000178
#3	-.000121	.001040	-.000314	-.000520	-.546864	-.001626	-.000449

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153879	.0083771	.0003782	-.001150	-.000092	-.046563	.0023531
Stddev	.0044183	.0002420	.0003767	.000623	.000405	.011296	.0030019
%RSD	3.829093	2.888807	99.60859	54.16277	439.1150	24.25955	127.5714

#1	.1188783	.0083409	.0008103	-.000589	.000368	-.059605	-.001071
#2	.1104202	.0086351	.0002044	-.001041	-.000397	-.039846	.004532
#3	.1168651	.0081552	.0001197	-.001820	-.000247	-.040238	.003598

Sample Name: CCB03 Acquired: 7/17/2025 2:50:49 Type: Unk
Method: 6010-200.7 NEW(v40) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0081395	-.006120	.0000963
Stddev	.0032484	.000974	.0000100
%RSD	39.90899	15.91765	10.35134

#1	.0056654	-.005016	.0000976
#2	.0118181	-.006859	.0001056
#3	.0069350	-.006485	.0000858

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5360.306	89544.66	8052.901	4562.311	7051.314
Stddev	15.574	593.68	66.899	4.348	14.700
%RSD	.2905484	.6629968	.8307414	.0953076	.2084648

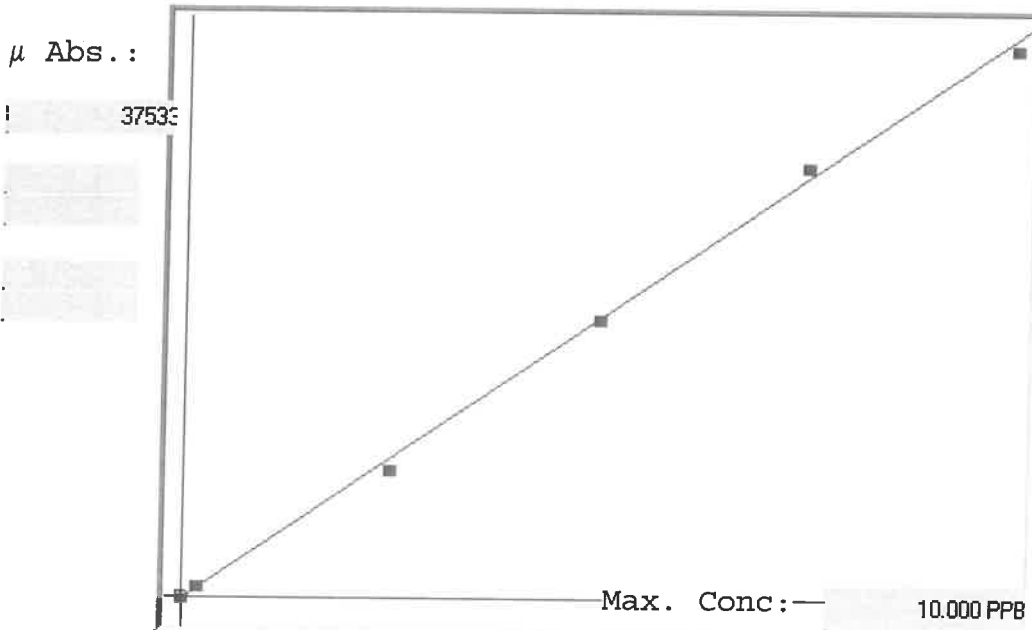
#1	5361.398	90218.84	8054.044	4567.288	7063.706
#2	5344.215	89100.03	7985.438	4559.248	7035.073
#3	5375.306	89315.10	8119.221	4560.397	7055.162

LB136435

7470A

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 2.6145e-004

C= 3.3107e-002

Rho= 0.9993206

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	0.026	0.026	-27	0.000	-27	0			
0.2	0.200	0.247	0.047	818	0.0 %	818				
2.5	2.500	2.329	-0.171	8782	0.0 %	8782				
5.0	5.000	5.017	0.017	19062	0.0 %	19062				
7.5	7.500	7.735	0.235	29456	0.0 %	29456				
10.0	10.000	9.846	-0.154	37533	0.0 %	37533				

0/2)
1
24
17
04
2
1

LB136435 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 11 Jul 2025 10:06:29

Sample ID	Extended ID	μ Abs	Conc	Std Conc	Method	Units	Date	Type	Type	B	C	Rho
0.0 - 1		-27		0.0000	7470A	PPB	11 Jul 2025 10:06:42	S	Std			-
0.2 - 1		819		0.2000	7470A	PPB	11 Jul 2025 10:08:59	S	Std			-
2.5 - 1		8782		2.5000	7470A	PPB	11 Jul 2025 10:11:16	S	Std			-
5.0 - 1		19062		5.0000	7470A	PPB	11 Jul 2025 10:13:33	S	Std			-
7.5 - 1		29456		7.5000	7470A	PPB	11 Jul 2025 10:22:26	S	Std			-
10.0 - 1		37533		10.0000	7470A	PPB	11 Jul 2025 10:27:37	S	Std			-
ICV24 - 1	ICV24	14645	3.8621		7470A	PPB	11 Jul 2025 10:34:53	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
ICB24 - 1	ICB24	-241	-0.0299		7470A	PPB	11 Jul 2025 10:37:07	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCV78 - 1	CCV78	17925	4.7197		7470A	PPB	11 Jul 2025 10:39:25	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCB78 - 1	CCB78	-226	-0.0260		7470A	PPB	11 Jul 2025 10:41:42	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CRA - 1	CRA	725	0.2237		7470A	PPB	11 Jul 2025 10:43:59	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
HighStd - 1	HighStd	37174	9.7524		7470A	PPB	11 Jul 2025 10:46:15	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
ChkStd - 1	ChkStd	26489	7.4617		7470A	PPB	11 Jul 2025 10:48:33	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
PB168814BL - 1	PBW	-629	-0.1313		7470A	PPB	11 Jul 2025 10:50:57	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
PB168814BS - 1	LCSW	17845	4.6988		7470A	PPB	11 Jul 2025 10:53:19	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-01 - 1	G4(0-6)	-304	-0.0464		7470A	PPB	11 Jul 2025 10:55:35	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-01DUP - 1	G4(0-6)DUP	-17	0.0287		7470A	PPB	11 Jul 2025 10:57:54	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-01MS - 1	G4(0-6)MS	15955	4.2046		7470A	PPB	11 Jul 2025 11:00:11	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-01MSD - 1	G4(0-6)MSD	16275	4.2883		7470A	PPB	11 Jul 2025 11:02:28	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-02 - 1	G4(6-12)	11426	3.0205		7470A	PPB	11 Jul 2025 11:04:46	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCV79 - 1	CCV79	18260	4.8073		7470A	PPB	11 Jul 2025 11:07:05	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCB79 - 1	CCB79	-317	-0.0498		7470A	PPB	11 Jul 2025 11:09:39	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-03 - 1	G3(0-6)	-122	0.0012		7470A	PPB	11 Jul 2025 11:11:56	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-04 - 1	G3(6-12)	1394	0.3976		7470A	PPB	11 Jul 2025 11:14:13	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-05 - 1	G2(0-6)	-367	-0.0628		7470A	PPB	11 Jul 2025 11:16:29	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-06 - 1	G2(6-12)	-76	0.0132		7470A	PPB	11 Jul 2025 11:18:47	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-07 - 1	G1(0-6)	32	0.0415		7470A	PPB	11 Jul 2025 11:21:03	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-08 - 1	G1(6-12)	87	0.0556		7470A	PPB	11 Jul 2025 11:23:19	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
PB168815BL - 1	PBW	-22	0.0274		7470A	PPB	11 Jul 2025 11:25:36	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
PB168815BS - 1	LCSW	15310	4.0360		7470A	PPB	11 Jul 2025 11:28:50	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2517-04 - 1	TP-14	-272	-0.0380		7470A	PPB	11 Jul 2025 11:31:07	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2517-04DUP - 1	TP-14DUP	9	0.0355		7470A	PPB	11 Jul 2025 11:33:19	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCV80 - 1	CCV80	20342	5.3516		7470A	PPB	11 Jul 2025 11:35:35	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCB80 - 1	CCB80	-69	0.0151		7470A	PPB	11 Jul 2025 11:37:51	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2517-04MS - 1	TP-14MS	16793	4.4237		7470A	PPB	11 Jul 2025 11:40:07	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2517-04MSD - 1	TP-14MSD	17949	4.7260		7470A	PPB	11 Jul 2025 11:42:23	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2519-04 - 1	TP-15	-115	0.0030		7470A	PPB	11 Jul 2025 11:44:39	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2523-05 - 1	MOO-25-0190	53	0.0470		7470A	PPB	11 Jul 2025 11:46:55	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2526-05 - 1	LAW-25-0101	-49	0.0203		7470A	PPB	11 Jul 2025 11:49:11	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2526-06 - 1	LAW-25-0102	16	0.0373		7470A	PPB	11 Jul 2025 11:51:27	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCV81 - 1	CCV81	19616	5.1616		7470A	PPB	11 Jul 2025 11:53:43	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCB81 - 1	CCB81	-189	-0.0163		7470A	PPB	11 Jul 2025 11:55:59	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
PB168755TB - 1	PB168755TB	-41	0.0224		7470A	PPB	11 Jul 2025 11:58:15	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
PB168761TB - 1	PB168761TB	-42	0.0221		7470A	PPB	11 Jul 2025 12:00:31	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-01LX5 - 1		98	0.0587		7470A	PPB	11 Jul 2025 12:02:47	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2489-01A - 1		14967	3.9463		7470A	PPB	11 Jul 2025 12:05:03	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2517-04LX5 - 1		-151	-0.0064		7470A	PPB	11 Jul 2025 12:07:19	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
Q2517-04A - 1		17358	4.5714		7470A	PPB	11 Jul 2025 12:09:35	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCV82 - 1	CCV82	18045	4.7511		7470A	PPB	11 Jul 2025 12:11:51	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001
CCB82 - 1	CCB82	-30	0.0253		7470A	PPB	11 Jul 2025 12:14:07	U	SMPL	2.61455e-004	3.31067e-002	9.99321e-001

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 07/09/2025 Time : 13:30 Temp : 96 °C

End Digest Date: 07/09/2025 Time : 16:32 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SPS*

Supervisor Signature: *SO*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6015
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/09/25 17:32	<i>SPS, met.dig</i>	<i>SO (met.dig)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168773BL	PBW773	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168773BS	LCS773	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	2
PB168773TB	LEB773	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q2489-01DUP	G4(0-6)DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2489-01MS	G4(0-6)MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	6
Q2489-01MSD	G4(0-6)MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6015	7
Q2489-01	G4(0-6)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2489-02	G4(6-12)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q2489-03	G3(0-6)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q2489-04	G3(6-12)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q2489-05	G2(0-6)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q2489-06	G2(6-12)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q2489-07	G1(0-6)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	13
Q2489-08	G1(6-12)	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14

SPLP EXTRACTION LOGPAGE

PB16875

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Pre Pos
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 07/10/2025 Time : 14:10 Temp : 94 °C

End Digest Date: 07/10/2025 Time : 16:10 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: 

Supervisor Signature: 

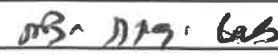
Temp : 1. 94°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86344
CCV	30mL	MP86346
CRA	30mL	MP86348
Blank Spike	0.48mL	MP86337
Matrix Spike	0.48mL	MP86337

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86338
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86339
2.5 ppb	S2.5	30mL	MP86340
5.0 ppb	S5.0	30mL	MP86341
7.5 ppb	S7.5	30mL	MP86342
10.0 ppb	S10.0	30mL	MP86343
ICV	ICV	30mL	MP86344
ICB	ICB	30mL	MP86345
CCV	CCV	30mL	MP86346
CCB	CCB	30mL	MP86347
CRI	CRI	30mL	MP86348
CHK STD	CHK STD	30mL	MP86349

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/10/25 @ 16:50		
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168814BL	PBW814	30	30	<2	N/A	3-1
PB168814BS	LCS814	30	30	<2	MP86337	2
PB168814TB	LE8014	30	30	<2	N/A	3
Q2489-01DUP	G4(0-6)DUP	30	30	<2	N/A	5
Q2489-01MS	G4(0-6)MS	30	30	<2	MP86337	6
Q2489-01MSD	G4(0-6)MSD	30	30	<2	MP86337	7
Q2489-01	G4(0-6)	30	30	<2	N/A	4
Q2489-02	G4(6-12)	30	30	<2	N/A	8
Q2489-03	G3(0-6)	30	30	<2	N/A	9
Q2489-04	G3(6-12)	30	30	<2	N/A	10
Q2489-05	G2(0-6)	30	30	<2	N/A	11
Q2489-06	G2(6-12)	30	30	<2	N/A	12
Q2489-07	G1(0-6)	30	30	<2	N/A	13
Q2489-08	G1(6-12)	30	30	<2	N/A	14

SOP ID : M1312-SPLP-10
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-2
TCLP Filter ID : 115525

Start Prep Date : 07/08/2025 Time : 14:00
End Prep Date : 07/09/2025 Time : 07:15
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature : 23 °C
Final Room Temperature : 22 °C
TCLP Technician Signature : *[Signature]*
Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
SPLP FLUID	WP112802	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Tumbler T-2 checked, 30 rpm. Matrix spikes are added after filtration and before preservation. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/09/25 11:00	<i>[Signature]</i> 1-2A Room	<i>[Signature]</i> 1-2A
	Preparation Group	Analysis Group <i>[Signature]</i>

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136435

Review By	MOHAN	Review On	7/14/2025 1:11:04 PM
Supervise By	jaswal	Supervise On	7/14/2025 11:07:48 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86338,MP86339,MP86340,MP86341,MP86342,MP86343		
ICV Standard	MP86344		
CCV Standard	MP86346		
ICSA Standard			
CRI Standard	MP86348		
LCS Standard			
Chk Standard	MP86345,MP86347,MP86349,MP86353		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/11/25 10:06		MOHAN	OK
2	S0.2	S0.2	CAL2	07/11/25 10:08		MOHAN	OK
3	S2.5	S2.5	CAL3	07/11/25 10:11		MOHAN	OK
4	S5	S5	CAL4	07/11/25 10:13		MOHAN	OK
5	S7.5	S7.5	CAL5	07/11/25 10:22		MOHAN	OK
6	S10	S10	CAL6	07/11/25 10:27		MOHAN	OK
7	ICV24	ICV24	ICV	07/11/25 10:34		MOHAN	OK
8	ICB24	ICB24	ICB	07/11/25 10:37		MOHAN	OK
9	CCV78	CCV78	CCV	07/11/25 10:39		MOHAN	OK
10	CCB78	CCB78	CCB	07/11/25 10:41		MOHAN	OK
11	CRA	CRA	CRDL	07/11/25 10:43		MOHAN	OK
12	HighStd	HighStd	HIGH STD	07/11/25 10:46		MOHAN	OK
13	ChkStd	ChkStd	SAM	07/11/25 10:48		MOHAN	OK
14	PB168814BL	PB168814BL	MB	07/11/25 10:50		MOHAN	OK
15	PB168814BS	PB168814BS	LCS	07/11/25 10:53		MOHAN	OK
16	Q2489-01	G4(0-6)	SAM	07/11/25 10:55		MOHAN	OK
17	Q2489-01DUP	G4(0-6)DUP	DUP	07/11/25 10:57		MOHAN	OK
18	Q2489-01MS	G4(0-6)MS	MS	07/11/25 11:00		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136435

Review By	MOHAN	Review On	7/14/2025 1:11:04 PM
Supervise By	jaswal	Supervise On	7/14/2025 11:07:48 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86338,MP86339,MP86340,MP86341,MP86342,MP86343		
ICV Standard	MP86344		
CCV Standard	MP86346		
ICSA Standard			
CRI Standard	MP86348		
LCS Standard			
Chk Standard	MP86345,MP86347,MP86349,MP86353		

19	Q2489-01MSD	G4(0-6)MSD	MSD	07/11/25 11:02		MOHAN	OK
20	Q2489-02	G4(6-12)	SAM	07/11/25 11:04		MOHAN	OK
21	CCV79	CCV79	CCV	07/11/25 11:07		MOHAN	OK
22	CCB79	CCB79	CCB	07/11/25 11:09		MOHAN	OK
23	Q2489-03	G3(0-6)	SAM	07/11/25 11:11		MOHAN	OK
24	Q2489-04	G3(6-12)	SAM	07/11/25 11:14		MOHAN	OK
25	Q2489-05	G2(0-6)	SAM	07/11/25 11:16		MOHAN	OK
26	Q2489-06	G2(6-12)	SAM	07/11/25 11:18		MOHAN	OK
27	Q2489-07	G1(0-6)	SAM	07/11/25 11:21		MOHAN	OK
28	Q2489-08	G1(6-12)	SAM	07/11/25 11:23		MOHAN	OK
29	PB168815BL	PB168815BL	MB	07/11/25 11:25		MOHAN	OK
30	PB168815BS	PB168815BS	LCS	07/11/25 11:34		MOHAN	OK
31	Q2517-04	TP-14	SAM	07/11/25 11:37		MOHAN	OK
32	Q2517-04DUP	TP-14DUP	DUP	07/11/25 11:39		MOHAN	OK
33	CCV80	CCV80	CCV	07/11/25 11:48		MOHAN	OK
34	CCB80	CCB80	CCB	07/11/25 11:51		MOHAN	OK
35	Q2517-04MS	TP-14MS	MS	07/11/25 11:53		MOHAN	OK
36	Q2517-04MSD	TP-14MSD	MSD	07/11/25 11:55		MOHAN	OK
37	Q2519-04	TP-15	SAM	07/11/25 11:57		MOHAN	OK
38	Q2523-05	MOO-25-0190	SAM	07/11/25 12:00		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136435

Review By	MOHAN	Review On	7/14/2025 1:11:04 PM
Supervise By	jaswal	Supervise On	7/14/2025 11:07:48 PM

STD. NAME	STD REF.#
ICAL Standard	MP86338,MP86339,MP86340,MP86341,MP86342,MP86343
ICV Standard	MP86344
CCV Standard	MP86346
ICSA Standard	
CRI Standard	MP86348
LCS Standard	
Chk Standard	MP86345,MP86347,MP86349,MP86353

39	Q2526-05	LAW-25-0101	SAM	07/11/25 12:02		MOHAN	OK
40	Q2526-06	LAW-25-0102	SAM	07/11/25 12:04		MOHAN	OK
41	CCV81	CCV81	CCV	07/11/25 12:09		MOHAN	OK
42	CCB81	CCB81	CCB	07/11/25 12:11		MOHAN	OK
43	PB168814TB	PB168814TB	MB	07/11/25 12:14		MOHAN	OK
44	PB168761TB	PB168761TB	MB	07/11/25 12:16		MOHAN	OK
45	Q2489-01L	G4(0-6)L	SD	07/11/25 12:18		MOHAN	OK
46	Q2489-01A	G4(0-6)A	PS	07/11/25 12:21		MOHAN	OK
47	Q2517-04L	TP-14L	SD	07/11/25 12:23		MOHAN	OK
48	Q2517-04A	TP-14A	PS	07/11/25 12:25		MOHAN	OK
49	CCV82	CCV82	CCV	07/11/25 12:27		MOHAN	OK
50	CCB82	CCB82	CCB	07/11/25 12:30		MOHAN	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136514

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	07/17/25		Jaswal	OK
2	S1	S1	CAL2	07/17/25 00:04		Jaswal	OK
3	S2	S2	CAL3	07/17/25 00:09		Jaswal	OK
4	S3	S3	CAL4	07/17/25 00:13		Jaswal	OK
5	S4	S4	CAL5	07/17/25 00:17		Jaswal	OK
6	S5	S5	CAL6	07/17/25 00:21		Jaswal	OK
7	ICV01	ICV01	ICV	07/17/25 00:31		Jaswal	OK
8	LLICV01	LLICV01	LLICV	07/17/25 00:42		Jaswal	OK
9	ICB01	ICB01	ICB	07/17/25 00:46		Jaswal	OK
10	CRI01	CRI01	CRDL	07/17/25 00:51		Jaswal	OK
11	ICSA01	ICSA01	ICSA	07/17/25 00:55		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	07/17/25 00:59		Jaswal	OK
13	ICSADL	ICSADL	ICSA	07/17/25 01:03		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	07/17/25 01:08		Jaswal	OK
15	CCV01	CCV01	CCV	07/17/25 01:12		Jaswal	OK
16	CCB01	CCB01	CCB	07/17/25 01:16		Jaswal	OK
17	PB168773BL	PB168773BL	MB	07/17/25 01:22		Jaswal	OK
18	PB168773BS	PB168773BS	LCS	07/17/25 01:26		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136514

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	PB168773TB	PB168773TB	MB	07/17/25 01:30		Jaswal	OK
20	Q2489-01	G4(0-6)	SAM	07/17/25 01:35		Jaswal	OK
21	Q2489-01DUP	G4(0-6)DUP	DUP	07/17/25 01:39		Jaswal	OK
22	Q2489-01L	G4(0-6)L	SD	07/17/25 01:44		Jaswal	OK
23	Q2489-01MS	G4(0-6)MS	MS	07/17/25 01:48		Jaswal	OK
24	Q2489-01MSD	G4(0-6)MSD	MSD	07/17/25 01:52		Jaswal	OK
25	Q2489-01A	G4(0-6)A	PS	07/17/25 01:56		Jaswal	OK
26	Q2489-02	G4(6-12)	SAM	07/17/25 02:01		Jaswal	OK
27	CCV02	CCV02	CCV	07/17/25 02:05		Jaswal	OK
28	CCB02	CCB02	CCB	07/17/25 02:09		Jaswal	OK
29	Q2489-03	G3(0-6)	SAM	07/17/25 02:13		Jaswal	OK
30	Q2489-04	G3(6-12)	SAM	07/17/25 02:18		Jaswal	OK
31	Q2489-05	G2(0-6)	SAM	07/17/25 02:22		Jaswal	OK
32	Q2489-06	G2(6-12)	SAM	07/17/25 02:26		Jaswal	OK
33	Q2489-07	G1(0-6)	SAM	07/17/25 02:31		Jaswal	OK
34	Q2489-08	G1(6-12)	SAM	07/17/25 02:35		Jaswal	OK
35	CCV03	CCV03	CCV	07/17/25 02:46		Jaswal	OK
36	CCB03	CCB03	CCB	07/17/25 02:50		Jaswal	OK

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 07/03/2025 Time : 15:00

End Prep Date : 07/04/2025 Time : 08:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : 

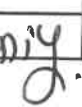
Supervisor By : 

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 checked,30 rpm. q2489-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/10/25 11:00	 Tech Room	SKG RJ 164F
	Preparation Group	Analysis Group 

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168728TB	LEB728	09	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2489-01	G4(0-6)	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-02	G4(6-12)	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-03	G3(0-6)	03	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-04	G3(6-12)	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-05	G2(0-6)	05	100.04	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-06	G2(6-12)	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2489-07	G1(0-6)	07	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-08	G1(6-12)	08	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168728TB	LEB728	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2
Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168728TB	LEB728	N/A	N/A	N/A	N/A	#1	4.93
Q2489-01	G4(0-6)	5.02	96.5	7.6	2.5	#1	4.93
Q2489-02	G4(6-12)	5.01	96.5	8.0	3.0	#1	4.93
Q2489-03	G3(0-6)	5.02	96.5	8.0	3.0	#1	4.93
Q2489-04	G3(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-05	G2(0-6)	5.04	96.5	9.0	3.5	#1	4.93
Q2489-06	G2(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-07	G1(0-6)	5.02	96.5	9.2	3.5	#1	4.93
Q2489-08	G1(6-12)	5.01	96.5	8.6	3.0	#1	4.93

SOP ID : M1312-SPLP-10
SDG No : N/A
Weigh By : JP
Balance ID : WC SC-7
pH Meter ID : WC PH METER-1
Extraction By : JP
Filter By : JP
Pipette ID : WC
Tumbler ID : T-2
TCLP Filter ID : 115525

Start Prep Date : 07/08/2025 Time : 14:00
End Prep Date : 07/09/2025 Time : 07:15
Combination Ratio : 20
ZHE Cleaning Batch : N/A
Initial Room Temperature: 23 °C
Final Room Temperature: 22 °C
TCLP Technician Signature : *[Signature]*
Supervisor By : *[Signature]*

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
SPLP FLUID	WP112802	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Tumbler T-2 checked,30 rpm. Matrix spikes are added after filtration and before preservation. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/10/25 11:00	<i>[Signature]</i> HCA Room	<i>[Signature]</i> RS 1 E+H
	Preparation Group	Analysis Group <i>[Signature]</i>

SPLP EXTRACTION LOGPAGE

PB168755

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168755TB	LEB755	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168755TB	LEB755	N/A	N/A	N/A	N/A	#1	4.24
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	#1	4.24



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Benie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts (BWS)
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: j.sylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. TOL VOCs + TICS
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98. TOL VOCs + TICS
99. TOL VOCs + TICS
100. TOL VOCs + TICS

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		F+E	E	E	E	E	E	E	E	E	
1.	G4(1.5)	Soil		X	7/1/25	1025	6	X									3x vials (temperature set)
2.	G4(10)			X		1045		X									+ 2x enclosures +
3.	G3(9)			X		1150		X									#1 x plastic
4.	G3(3)			X		1200		X									
5.	G2(2.5)			X		1325		X									
6.	G2(9)			X		1330		X									
7.	G1(4.5)			X		1430		X									
8.	G1(10)			X		1440		X									3x vials (temperature set)
9.	G4(0-6)		X			1100	7		X	X	X	X	X	X	X	X	1x 802 + 1x plastic
10.	G4(6-12)		X			1110			X	X	X	X	X	X	X	X	+ 2x 1x enclosure

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
1. <u>Benie</u>	7/1/25 1600	1. <u>Benie</u>	Comments: Full analyte list in B. Gokan email on 6/26/25 to J. Hedvat
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	See Bottle Order # B2506068 + B2506069
2. <u>Benie</u>	7-1-25	2. <u>Benie</u>	Add'l analyses - Paint Filler, Organic Content by LOI, TS, TVS,
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Ammonia + Nitrogen, COD, Oil + Grease
3. <u>Benie</u>	7-1-25	3. <u>Benie</u>	CLIENT: ☐ Hand Delivered ☐ Other
			Shipment Complete
			☐ YES ☐ NO

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Benue Don Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafte 173 H873
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jaysylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. TC-VOCs + TICs
2. TC-Sulfates + TICs
3. TC-VOCs + TICs
4. TC-VOCs + TICs
5. TC-VOCs + TICs
6. TC-VOCs + TICs
7. TC-VOCs + TICs
8. TC-VOCs + TICs
9. TC-VOCs + TICs
10. TC-VOCs + TICs
*see add'l analysis in comments

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		F+E	E	E	E	E	E	E	E	E	← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER (method)	
								1	2	3	4	5	6	7	8	9		
1.	G3 (0-6)	Soil	X		7/1/25	1235	7		X	X	X	X	X	X	X	X	7 x 8 oz jars	
2.	G3 (6-12)					1245												
3.	G2 (0-6)					1350												
4.	G2 (6-12)					1400												
5.	G1 (0-6)					1410												
6.	G1 (6-12)	↓	↓		↓	1420	↓											
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
1. <u>Benue</u>	<u>7/1/25 1600</u>	1. <u>Benue</u>	3.3 °C
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments: <u>Full analyte list in B. Gokan email on 6/26/25 to J. Heavast</u>
2. <u>Benue</u>	<u>7-1-25</u>	<u>Benue</u>	<u>See Bottle Order #B25060608 P B25060609</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	<u>Add'l analyses - Point Filter, Organic Content by LOI, TS, TVS,</u>
3. <u>Benue</u>	<u>7/1/25 1815</u>	<u>Benue</u>	<u>Ammonia + Nitrogen, COD, Oil & Grease</u>
			CLIENT: ☐ Hand Delivered ☐ Other
			Shipment Complete
			☐ YES ☐ NO

Laboratory Certification

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