

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

LAB CHRONICLE

OrderID: Q3586
Client: Remington & Vernick Engineers
Contact: Kyle Carlson

OrderDate: 11/7/2025 3:20:00 PM
Project: Edison Landfill
Location: D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3586-01	SED-1	SOIL			11/06/25			11/07/25
			Mercury	7471B		11/11/25	11/11/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3586-02	SED-2	SOIL			11/06/25			11/07/25
			Mercury	7471B		11/11/25	11/11/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	
Q3586-03	SED-3	SOIL			11/06/25			11/07/25
			Mercury	7471B		11/11/25	11/11/25	
			Metals ICP-TAL	6010D		11/10/25	11/10/25	

Hit Summary Sheet
SW-846

SDG No.: Q3586
Client: Remington & Vernick Engineers

Order ID: Q3586
Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SED-1								
Q3586-01	SED-1	SOIL	Aluminum	11200		1.20	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Antimony	0.75	J	0.32	3.58	mg/Kg
Q3586-01	SED-1	SOIL	Arsenic	5.33		0.27	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Barium	15.8		1.05	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Beryllium	0.94		0.036	0.43	mg/Kg
Q3586-01	SED-1	SOIL	Calcium	1040		15.9	143	mg/Kg
Q3586-01	SED-1	SOIL	Chromium	19.4		0.067	0.72	mg/Kg
Q3586-01	SED-1	SOIL	Cobalt	7.09		0.14	2.15	mg/Kg
Q3586-01	SED-1	SOIL	Copper	10.8		0.32	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Iron	23500		5.71	7.16	mg/Kg
Q3586-01	SED-1	SOIL	Lead	10.3		0.19	0.86	mg/Kg
Q3586-01	SED-1	SOIL	Magnesium	3630		17.2	143	mg/Kg
Q3586-01	SED-1	SOIL	Manganese	149		0.20	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Nickel	16.4		0.19	2.86	mg/Kg
Q3586-01	SED-1	SOIL	Potassium	1180		39.7	143	mg/Kg
Q3586-01	SED-1	SOIL	Selenium	0.59	J	0.37	1.43	mg/Kg
Q3586-01	SED-1	SOIL	Silver	3.16		0.17	0.72	mg/Kg
Q3586-01	SED-1	SOIL	Sodium	1060		25.5	143	mg/Kg
Q3586-01	SED-1	SOIL	Vanadium	32.8		0.36	2.86	mg/Kg
Q3586-01	SED-1	SOIL	Zinc	48.9		0.33	2.86	mg/Kg
Client ID : SED-2								
Q3586-02	SED-2	SOIL	Aluminum	11000		1.80	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Antimony	6.15		0.47	5.34	mg/Kg
Q3586-02	SED-2	SOIL	Arsenic	12.5		0.41	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Barium	65.0		1.56	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Beryllium	1.18		0.053	0.64	mg/Kg
Q3586-02	SED-2	SOIL	Cadmium	1.83		0.051	0.64	mg/Kg
Q3586-02	SED-2	SOIL	Calcium	2930		23.7	214	mg/Kg
Q3586-02	SED-2	SOIL	Chromium	36.6		0.10	1.07	mg/Kg
Q3586-02	SED-2	SOIL	Cobalt	9.66		0.21	3.21	mg/Kg
Q3586-02	SED-2	SOIL	Copper	69.1		0.47	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Iron	29500		8.53	10.7	mg/Kg
Q3586-02	SED-2	SOIL	Lead	86.5		0.28	1.28	mg/Kg
Q3586-02	SED-2	SOIL	Magnesium	3390		25.7	214	mg/Kg
Q3586-02	SED-2	SOIL	Manganese	204		0.30	2.14	mg/Kg
Q3586-02	SED-2	SOIL	Mercury	0.54		0.018	0.033	mg/Kg
Q3586-02	SED-2	SOIL	Nickel	23.1		0.28	4.28	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3586

Order ID: Q3586

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3586-02	SED-2	SOIL	Potassium	1440		59.2	214	mg/Kg
Q3586-02	SED-2	SOIL	Silver	4.13		0.26	1.07	mg/Kg
Q3586-02	SED-2	SOIL	Sodium	1650		38.0	214	mg/Kg
Q3586-02	SED-2	SOIL	Vanadium	49.3		0.53	4.28	mg/Kg
Q3586-02	SED-2	SOIL	Zinc	150		0.49	4.28	mg/Kg
Client ID : SED-3								
Q3586-03	SED-3	SOIL	Aluminum	17500		1.56	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Antimony	0.45	J	0.41	4.63	mg/Kg
Q3586-03	SED-3	SOIL	Arsenic	9.51		0.35	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Barium	53.5		1.35	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Beryllium	1.51		0.046	0.56	mg/Kg
Q3586-03	SED-3	SOIL	Cadmium	0.48	J	0.044	0.56	mg/Kg
Q3586-03	SED-3	SOIL	Calcium	1880		20.6	185	mg/Kg
Q3586-03	SED-3	SOIL	Chromium	29.8		0.087	0.93	mg/Kg
Q3586-03	SED-3	SOIL	Cobalt	15.7		0.19	2.78	mg/Kg
Q3586-03	SED-3	SOIL	Copper	22.0		0.41	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Iron	26300		7.40	9.27	mg/Kg
Q3586-03	SED-3	SOIL	Lead	20.6		0.24	1.11	mg/Kg
Q3586-03	SED-3	SOIL	Magnesium	6130		22.2	185	mg/Kg
Q3586-03	SED-3	SOIL	Manganese	224		0.26	1.85	mg/Kg
Q3586-03	SED-3	SOIL	Mercury	0.026		0.014	0.025	mg/Kg
Q3586-03	SED-3	SOIL	Nickel	32.3		0.24	3.71	mg/Kg
Q3586-03	SED-3	SOIL	Potassium	2290		51.3	185	mg/Kg
Q3586-03	SED-3	SOIL	Silver	3.25		0.22	0.93	mg/Kg
Q3586-03	SED-3	SOIL	Sodium	3100		33.0	185	mg/Kg
Q3586-03	SED-3	SOIL	Vanadium	43.2		0.46	3.71	mg/Kg
Q3586-03	SED-3	SOIL	Zinc	76.6		0.43	3.71	mg/Kg



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-1
Lab Sample ID: Q3586-01
Level (low/med): low

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 62.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11200		1	1.20	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-36-0	Antimony	0.75	JN	1	0.32	3.58	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-38-2	Arsenic	5.33		1	0.27	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-39-3	Barium	15.8		1	1.05	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-41-7	Beryllium	0.94		1	0.036	0.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-43-9	Cadmium	0.034	U	1	0.034	0.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-70-2	Calcium	1040		1	15.9	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-47-3	Chromium	19.4		1	0.067	0.72	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-48-4	Cobalt	7.09		1	0.14	2.15	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-50-8	Copper	10.8	N*	1	0.32	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-89-6	Iron	23500		1	5.71	7.16	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-92-1	Lead	10.3		1	0.19	0.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-95-4	Magnesium	3630		1	17.2	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-96-5	Manganese	149		1	0.20	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7439-97-6	Mercury	0.010	U	1	0.010	0.019	mg/Kg	11/11/25 08:40	11/11/25 15:09	7471B	7471B
7440-02-0	Nickel	16.4		1	0.19	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-09-7	Potassium	1180		1	39.7	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7782-49-2	Selenium	0.59	JN	1	0.37	1.43	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-22-4	Silver	3.16	N	1	0.17	0.72	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-23-5	Sodium	1060	N	1	25.5	143	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-28-0	Thallium	0.33	U	1	0.33	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-62-2	Vanadium	32.8	N	1	0.36	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050
7440-66-6	Zinc	48.9	*	1	0.33	2.86	mg/Kg	11/10/25 14:40	11/10/25 19:06	6010D	SW3050

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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-2
Lab Sample ID: Q3586-02
Level (low/med): low

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 41.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11000		1	1.80	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-36-0	Antimony	6.15	N	1	0.47	5.34	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-38-2	Arsenic	12.5		1	0.41	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-39-3	Barium	65.0		1	1.56	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-41-7	Beryllium	1.18		1	0.053	0.64	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-43-9	Cadmium	1.83		1	0.051	0.64	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-70-2	Calcium	2930		1	23.7	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-47-3	Chromium	36.6		1	0.10	1.07	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-48-4	Cobalt	9.66		1	0.21	3.21	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-50-8	Copper	69.1	N*	1	0.47	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-89-6	Iron	29500		1	8.53	10.7	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-92-1	Lead	86.5		1	0.28	1.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-95-4	Magnesium	3390		1	25.7	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-96-5	Manganese	204		1	0.30	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7439-97-6	Mercury	0.54		1	0.018	0.033	mg/Kg	11/11/25 08:40	11/11/25 15:11	7471B	7471B
7440-02-0	Nickel	23.1		1	0.28	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-09-7	Potassium	1440		1	59.2	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7782-49-2	Selenium	0.56	UN	1	0.56	2.14	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-22-4	Silver	4.13	N	1	0.26	1.07	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-23-5	Sodium	1650	N	1	38.0	214	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-28-0	Thallium	0.49	U	1	0.49	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-62-2	Vanadium	49.3	N	1	0.53	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050
7440-66-6	Zinc	150	*	1	0.49	4.28	mg/Kg	11/10/25 14:40	11/10/25 19:10	6010D	SW3050

U = Not Detected

LOQ = Limit of Quantitation

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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.

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: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-3
Lab Sample ID: Q3586-03
Level (low/med): low

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 50.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17500		1	1.56	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-36-0	Antimony	0.45	JN	1	0.41	4.63	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-38-2	Arsenic	9.51		1	0.35	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-39-3	Barium	53.5		1	1.35	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-41-7	Beryllium	1.51		1	0.046	0.56	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-43-9	Cadmium	0.48	J	1	0.044	0.56	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-70-2	Calcium	1880		1	20.6	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-47-3	Chromium	29.8		1	0.087	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-48-4	Cobalt	15.7		1	0.19	2.78	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-50-8	Copper	22.0	N*	1	0.41	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-89-6	Iron	26300		1	7.40	9.27	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-92-1	Lead	20.6		1	0.24	1.11	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-95-4	Magnesium	6130		1	22.2	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-96-5	Manganese	224		1	0.26	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7439-97-6	Mercury	0.026		1	0.014	0.025	mg/Kg	11/11/25 08:40	11/11/25 15:13	7471B	7471B
7440-02-0	Nickel	32.3		1	0.24	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-09-7	Potassium	2290		1	51.3	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7782-49-2	Selenium	0.48	UN	1	0.48	1.85	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-22-4	Silver	3.25	N	1	0.22	0.93	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-23-5	Sodium	3100	N	1	33.0	185	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-28-0	Thallium	0.43	U	1	0.43	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-62-2	Vanadium	43.2	N	1	0.46	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050
7440-66-6	Zinc	76.6	*	1	0.43	3.71	mg/Kg	11/10/25 14:40	11/10/25 19:22	6010D	SW3050

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N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
ICV109	Mercury	4.26	4.0	107	90 - 110	CV	11/11/2025	14:21	LB137851

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CCV56	Mercury	5.36	5.0	107	90 - 110	CV	11/11/2025	14:26	LB137851
CCV57	Mercury	4.94	5.0	99	90 - 110	CV	11/11/2025	15:01	LB137851
CCV58	Mercury	5.27	5.0	105	90 - 110	CV	11/11/2025	15:30	LB137851
CCV59	Mercury	4.71	5.0	94	90 - 110	CV	11/11/2025	15:58	LB137851
CCV60	Mercury	4.72	5.0	94	90 - 110	CV	11/11/2025	16:30	LB137851
CCV61	Mercury	4.89	5.0	98	90 - 110	CV	11/11/2025	16:40	LB137851

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	8040	8000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Calcium	19900	20000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Magnesium	20100	20000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	104	100	104	80 - 120	P	11/10/2025	11:57	LB137841
	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Calcium	2020	2000	101	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Magnesium	2090	2000	104	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	10000	10000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Magnesium	25000	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Aluminum	9970	10000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Calcium	25000	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Magnesium	25100	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CCV04	Arsenic	5010	5000	100	90 - 110	P	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Calcium	24400	25000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Magnesium	24400	25000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Aluminum	9930	10000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Calcium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Magnesium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CCV05	Nickel	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CCV07	Beryllium	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Calcium	25800	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Magnesium	25900	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
CCV08	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841
	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Calcium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Magnesium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CCV08	Selenium	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Calcium	25200	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Magnesium	25100	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841
	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Aluminum	9960	10000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CCV10	Calcium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Calcium	24500	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Magnesium	24600	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	7990	8000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Antimony	4070	4000	102	90 - 110	P	11/14/2025	13:37	LB137927
	Arsenic	3980	4000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Barium	8080	8000	101	90 - 110	P	11/14/2025	13:37	LB137927
	Beryllium	204	200	102	90 - 110	P	11/14/2025	13:37	LB137927
	Cadmium	1960	2000	98	90 - 110	P	11/14/2025	13:37	LB137927
	Calcium	20000	20000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Chromium	816	800	102	90 - 110	P	11/14/2025	13:37	LB137927
	Cobalt	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Copper	1030	1000	103	90 - 110	P	11/14/2025	13:37	LB137927
	Iron	4160	4000	104	90 - 110	P	11/14/2025	13:37	LB137927
	Lead	3880	4000	97	90 - 110	P	11/14/2025	13:37	LB137927
	Magnesium	20000	20000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Manganese	2020	2000	101	90 - 110	P	11/14/2025	13:37	LB137927
	Nickel	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Potassium	20600	20000	103	90 - 110	P	11/14/2025	13:37	LB137927
	Selenium	3990	4000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Silver	1010	1000	102	90 - 110	P	11/14/2025	13:37	LB137927
	Sodium	21100	20000	106	90 - 110	P	11/14/2025	13:37	LB137927
	Thallium	3800	4000	95	90 - 110	P	11/14/2025	13:37	LB137927
	Vanadium	2000	2000	100	90 - 110	P	11/14/2025	13:37	LB137927
	Zinc	2030	2000	102	90 - 110	P	11/14/2025	13:37	LB137927

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	10300	10000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Antimony	5080	5000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Arsenic	5030	5000	101	90 - 110	P	11/14/2025	14:24	LB137927
	Barium	10400	10000	104	90 - 110	P	11/14/2025	14:24	LB137927
	Beryllium	258	250	103	90 - 110	P	11/14/2025	14:24	LB137927
	Cadmium	2510	2500	100	90 - 110	P	11/14/2025	14:24	LB137927
	Calcium	25800	25000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Chromium	1020	1000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Cobalt	2520	2500	101	90 - 110	P	11/14/2025	14:24	LB137927
	Copper	1270	1250	102	90 - 110	P	11/14/2025	14:24	LB137927
	Iron	5190	5000	104	90 - 110	P	11/14/2025	14:24	LB137927
	Lead	5010	5000	100	90 - 110	P	11/14/2025	14:24	LB137927
	Magnesium	25600	25000	102	90 - 110	P	11/14/2025	14:24	LB137927
	Manganese	2600	2500	104	90 - 110	P	11/14/2025	14:24	LB137927
	Nickel	2520	2500	101	90 - 110	P	11/14/2025	14:24	LB137927
	Potassium	25700	25000	103	90 - 110	P	11/14/2025	14:24	LB137927
	Selenium	4990	5000	100	90 - 110	P	11/14/2025	14:24	LB137927
	Silver	1280	1250	103	90 - 110	P	11/14/2025	14:24	LB137927
	Sodium	26700	25000	107	90 - 110	P	11/14/2025	14:24	LB137927
	Thallium	4660	5000	93	90 - 110	P	11/14/2025	14:24	LB137927
	Vanadium	2560	2500	102	90 - 110	P	11/14/2025	14:24	LB137927
	Zinc	2550	2500	102	90 - 110	P	11/14/2025	14:24	LB137927

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	105	100	105	80 - 120	P	11/14/2025	14:33	LB137927
	Antimony	51.1	50.0	102	80 - 120	P	11/14/2025	14:33	LB137927
	Arsenic	23.2	20.0	116	80 - 120	P	11/14/2025	14:33	LB137927
	Barium	101	100	101	80 - 120	P	11/14/2025	14:33	LB137927
	Beryllium	6.62	6.0	110	80 - 120	P	11/14/2025	14:33	LB137927
	Cadmium	6.19	6.0	103	80 - 120	P	11/14/2025	14:33	LB137927
	Calcium	2130	2000	106	80 - 120	P	11/14/2025	14:33	LB137927
	Chromium	11.5	10.0	115	80 - 120	P	11/14/2025	14:33	LB137927
	Cobalt	30.9	30.0	103	80 - 120	P	11/14/2025	14:33	LB137927
	Copper	22.3	20.0	111	80 - 120	P	11/14/2025	14:33	LB137927
	Iron	106	100	106	80 - 120	P	11/14/2025	14:33	LB137927
	Lead	12.0	12.0	100	80 - 120	P	11/14/2025	14:33	LB137927
	Magnesium	2180	2000	109	80 - 120	P	11/14/2025	14:33	LB137927
	Manganese	23.1	20.0	116	80 - 120	P	11/14/2025	14:33	LB137927
	Nickel	40.9	40.0	102	80 - 120	P	11/14/2025	14:33	LB137927
	Potassium	1830	2000	92	80 - 120	P	11/14/2025	14:33	LB137927
	Selenium	19.0	20.0	95	80 - 120	P	11/14/2025	14:33	LB137927
	Silver	11.1	10.0	111	80 - 120	P	11/14/2025	14:33	LB137927
	Sodium	1790	2000	90	80 - 120	P	11/14/2025	14:33	LB137927
	Thallium	36.4	40.0	91	80 - 120	P	11/14/2025	14:33	LB137927
	Vanadium	42.8	40.0	107	80 - 120	P	11/14/2025	14:33	LB137927
	Zinc	43.9	40.0	110	80 - 120	P	11/14/2025	14:33	LB137927

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	Aluminum	9970	10000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Antimony	4970	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Arsenic	4960	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Barium	9870	10000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Beryllium	249	250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Cadmium	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Calcium	24900	25000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Chromium	1000	1000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Cobalt	2470	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Copper	1240	1250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Iron	5050	5000	101	90 - 110	P	11/14/2025	15:37	LB137927
	Lead	4960	5000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Magnesium	24800	25000	99	90 - 110	P	11/14/2025	15:37	LB137927
	Manganese	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Nickel	2480	2500	99	90 - 110	P	11/14/2025	15:37	LB137927
	Potassium	24400	25000	98	90 - 110	P	11/14/2025	15:37	LB137927
	Selenium	4980	5000	100	90 - 110	P	11/14/2025	15:37	LB137927
	Silver	1250	1250	100	90 - 110	P	11/14/2025	15:37	LB137927
	Sodium	24400	25000	98	90 - 110	P	11/14/2025	15:37	LB137927
	Thallium	4740	5000	95	90 - 110	P	11/14/2025	15:37	LB137927
	Vanadium	2490	2500	100	90 - 110	P	11/14/2025	15:37	LB137927
	Zinc	2490	2500	100	90 - 110	P	11/14/2025	15:37	LB137927



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

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CRI01	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841
	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841
	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841
CRA	Mercury	0.16	0.2	80	70 - 130	CV	11/11/2025	14:33	LB137851
CRI01	Aluminum	88.9	100	89	65 - 135	P	11/14/2025	14:00	LB137927
	Antimony	52.1	50.0	104	65 - 135	P	11/14/2025	14:00	LB137927
	Arsenic	19.0	20.0	95	65 - 135	P	11/14/2025	14:00	LB137927
	Barium	94.7	100	95	65 - 135	P	11/14/2025	14:00	LB137927
	Beryllium	6.49	6.0	108	65 - 135	P	11/14/2025	14:00	LB137927
	Cadmium	6.05	6.0	101	65 - 135	P	11/14/2025	14:00	LB137927
	Calcium	2080	2000	104	65 - 135	P	11/14/2025	14:00	LB137927
	Chromium	10.9	10.0	109	65 - 135	P	11/14/2025	14:00	LB137927
	Cobalt	30.7	30.0	102	65 - 135	P	11/14/2025	14:00	LB137927
	Copper	22.8	20.0	114	65 - 135	P	11/14/2025	14:00	LB137927
	Iron	125	100	124	65 - 135	P	11/14/2025	14:00	LB137927
	Lead	11.7	12.0	98	65 - 135	P	11/14/2025	14:00	LB137927

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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
CRI01	Magnesium	2170	2000	109	65 - 135	P	11/14/2025	14:00	LB137927
	Manganese	23.0	20.0	115	65 - 135	P	11/14/2025	14:00	LB137927
	Nickel	41.2	40.0	103	65 - 135	P	11/14/2025	14:00	LB137927
	Potassium	1620	2000	81	65 - 135	P	11/14/2025	14:00	LB137927
	Selenium	14.3	20.0	72	65 - 135	P	11/14/2025	14:00	LB137927
	Silver	10.2	10.0	102	65 - 135	P	11/14/2025	14:00	LB137927
	Sodium	1620	2000	81	65 - 135	P	11/14/2025	14:00	LB137927
	Thallium	41.2	40.0	103	65 - 135	P	11/14/2025	14:00	LB137927
	Vanadium	39.2	40.0	98	65 - 135	P	11/14/2025	14:00	LB137927
	Zinc	43.8	40.0	110	65 - 135	P	11/14/2025	14:00	LB137927



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB109	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	14:24	LB137851

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB56	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	14:28	LB137851
CCB57	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	15:04	LB137851
CCB58	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	15:32	LB137851
CCB59	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:00	LB137851
CCB60	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:33	LB137851
CCB61	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	16:42	LB137851

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	11/10/2025	12:11	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:11	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:11	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	14.6	+/-50	J	100	P	11/10/2025	12:42	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:42	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
CCB02	Aluminum	20.4	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	13:54	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	13:54	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
CCB03	Aluminum	11.3	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	14:50	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	14:50	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
CCB04	Aluminum	37.9	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	15:47	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
CCB05	Aluminum	19.1	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	16:38	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
CCB06	Aluminum	23.5	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	17:31	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	17:31	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
CCB07	Aluminum	18.8	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	19:18	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	19:18	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
CCB08	Aluminum	49.0	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	20:26	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	20:26	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
CCB09	Aluminum	11.3	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	21:41	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	21:41	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
CCB10	Aluminum	21.4	+/-50	J	100	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	22:47	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Aluminum	39.4	+/-50	J	100	P	11/10/2025	23:34	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	23:34	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	11/14/2025	13:45	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	13:45	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	13:45	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	13:45	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	13:45	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	13:45	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	13:45	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	13:45	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	13:45	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	13:45	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	13:45	LB137927
	Silver	1.62	+/-5	U	10.0	P	11/14/2025	13:45	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	13:45	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	13:45	LB137927
	Vanadium	8.03	+/-20	J	40.0	P	11/14/2025	13:45	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	13:45	LB137927

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	11/14/2025	14:37	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	14:37	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	14:37	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	14:37	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	14:37	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	14:37	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	14:37	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	14:37	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	14:37	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	14:37	LB137927
	Silver	1.62	+/-5	U	10.0	P	11/14/2025	14:37	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	14:37	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Vanadium	6.26	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	14:37	LB137927
CCB02	Aluminum	11.3	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Antimony	6.76	+/-25	U	50.0	P	11/14/2025	15:40	LB137927
	Arsenic	5.12	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Barium	14.6	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Beryllium	0.56	+/-3	U	6.00	P	11/14/2025	15:40	LB137927
	Cadmium	0.50	+/-3	U	6.00	P	11/14/2025	15:40	LB137927
	Calcium	234	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Chromium	2.12	+/-5	U	10.0	P	11/14/2025	15:40	LB137927
	Cobalt	2.26	+/-15	U	30.0	P	11/14/2025	15:40	LB137927
	Copper	4.60	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Iron	23.4	+/-50	U	100	P	11/14/2025	15:40	LB137927
	Lead	2.30	+/-6	U	12.0	P	11/14/2025	15:40	LB137927
	Magnesium	244	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Manganese	5.94	+/-10	U	20.0	P	11/14/2025	15:40	LB137927
	Nickel	3.06	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Potassium	918	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Selenium	9.64	+/-10	U	20.0	P	11/14/2025	15:40	LB137927

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/14/2025	15:40	LB137927
	Sodium	868	+/-1000	U	2000	P	11/14/2025	15:40	LB137927
	Thallium	4.38	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Vanadium	6.26	+/-20	U	40.0	P	11/14/2025	15:40	LB137927
	Zinc	16.7	+/-20	U	40.0	P	11/14/2025	15:40	LB137927

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170491BL		SOLID		Batch Number:	PB170491		Prep Date:	11/11/2025	
	Mercury	0.0080	<0.014	U	0.014	CV	11/11/2025	14:40	LB137851

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170471BL	SOLID			Batch Number:	PB170471		Prep Date:	11/10/2025	
	Aluminum	0.84	<2.5	U	5.00	P	11/14/2025	15:00	LB137927
	Antimony	0.22	<1.25	U	2.50	P	11/14/2025	15:00	LB137927
	Arsenic	0.19	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Barium	0.73	<2.5	U	5.00	P	11/14/2025	15:00	LB137927
	Beryllium	0.025	<0.15	U	0.30	P	11/14/2025	15:00	LB137927
	Cadmium	0.024	<0.15	U	0.30	P	11/14/2025	15:00	LB137927
	Calcium	11.1	<50	U	100	P	11/14/2025	15:00	LB137927
	Chromium	0.075	<0.25	J	0.50	P	11/14/2025	15:00	LB137927
	Cobalt	0.10	<0.75	U	1.50	P	11/14/2025	15:00	LB137927
	Copper	0.22	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Iron	3.99	<2.5	U*	5.00	P	11/14/2025	15:00	LB137927
	Lead	0.13	<0.3	U	0.60	P	11/14/2025	15:00	LB137927
	Magnesium	12.0	<50	U	100	P	11/14/2025	15:00	LB137927
	Manganese	0.15	<0.5	J	1.00	P	11/14/2025	15:00	LB137927
	Nickel	0.13	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Potassium	27.7	<50	U	100	P	11/14/2025	15:00	LB137927
	Selenium	0.26	<0.5	U	1.00	P	11/14/2025	15:00	LB137927
	Silver	0.12	<0.25	U	0.50	P	11/14/2025	15:00	LB137927
	Sodium	17.8	<50	U	100	P	11/14/2025	15:00	LB137927
	Thallium	0.23	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Vanadium	0.25	<1	U	2.00	P	11/14/2025	15:00	LB137927
	Zinc	0.23	<1	U	2.00	P	11/14/2025	15:00	LB137927

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3586</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841
	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3586</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841
ICSA01	Aluminum	253000	255000	99	216000	294000	11/14/2025	14:07	LB137927
	Antimony	-7.58			-50	50	11/14/2025	14:07	LB137927
	Arsenic	3.15			-20	20	11/14/2025	14:07	LB137927
	Barium	6.16	6.0	103	-94	106	11/14/2025	14:07	LB137927
	Beryllium	1.09			-6	6	11/14/2025	14:07	LB137927
	Cadmium	0.11	1.0	11	-5	7	11/14/2025	14:07	LB137927
	Calcium	246000	245000	100	208000	282000	11/14/2025	14:07	LB137927
	Chromium	54.4	52.0	105	42	62	11/14/2025	14:07	LB137927
	Cobalt	1.69			-30	30	11/14/2025	14:07	LB137927
	Copper	-0.30	2.0	15	-18	22	11/14/2025	14:07	LB137927
	Iron	103000	101000	102	85600	116500	11/14/2025	14:07	LB137927
	Lead	-0.37			-12	12	11/14/2025	14:07	LB137927
	Magnesium	255000	255000	100	216000	294000	11/14/2025	14:07	LB137927
	Manganese	10.8	7.0	154	-13	27	11/14/2025	14:07	LB137927
	Nickel	5.80	2.0	290	-38	42	11/14/2025	14:07	LB137927
	Potassium	-331			0	0	11/14/2025	14:07	LB137927
	Selenium	5.07			-20	20	11/14/2025	14:07	LB137927
	Silver	-6.88			-10	10	11/14/2025	14:07	LB137927
	Sodium	-564			0	0	11/14/2025	14:07	LB137927
	Thallium	18.4			-40	40	11/14/2025	14:07	LB137927
	Vanadium	2.27			-40	40	11/14/2025	14:07	LB137927
	Zinc	3.54			-40	40	11/14/2025	14:07	LB137927
ICSAB01	Aluminum	252000	247000	102	209000	285000	11/14/2025	14:11	LB137927
	Antimony	614	618	99	525	711	11/14/2025	14:11	LB137927
	Arsenic	116	104	112	88.4	120	11/14/2025	14:11	LB137927
	Barium	515	537	96	437	637	11/14/2025	14:11	LB137927
	Beryllium	526	495	106	420	570	11/14/2025	14:11	LB137927
	Cadmium	1040	972	107	826	1120	11/14/2025	14:11	LB137927
	Calcium	244000	235000	104	199000	271000	11/14/2025	14:11	LB137927
	Chromium	587	542	108	460	624	11/14/2025	14:11	LB137927
	Cobalt	524	476	110	404	548	11/14/2025	14:11	LB137927
	Copper	502	511	98	434	588	11/14/2025	14:11	LB137927
	Iron	105000	99300	106	84400	114500	11/14/2025	14:11	LB137927
	Lead	54.1	49.0	110	37	61	11/14/2025	14:11	LB137927
	Magnesium	255000	248000	103	210000	286000	11/14/2025	14:11	LB137927
	Manganese	518	507	102	430	584	11/14/2025	14:11	LB137927
	Nickel	1050	954	110	810	1100	11/14/2025	14:11	LB137927
	Potassium	-651			0	0	11/14/2025	14:11	LB137927
	Selenium	52.4	46.0	114	26	66	11/14/2025	14:11	LB137927
	Silver	199	201	99	170	232	11/14/2025	14:11	LB137927

Metals

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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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	Sodium	-793			0	0	11/14/2025	14:11	LB137927
	Thallium	133	108	123	68	148	11/14/2025	14:11	LB137927
	Vanadium	506	491	103	417	565	11/14/2025	14:11	LB137927
	Zinc	1070	952	112	809	1095	11/14/2025	14:11	LB137927



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3586
contract: REMI02 **lab code:** ACE
matrix: Solid **sample id:** Q3581-01 **client id:** VNJ-238MS

Percent Solids for Sample: 85.7 **Spiked ID:** Q3581-01MS **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	13100		12600		100	502		P
Antimony	mg/Kg	75 - 125	15.7		1.00	J	40.6	36	N	P
Arsenic	mg/Kg	75 - 125	39.2		7.97		40.6	77		P
Barium	mg/Kg	75 - 125	58.5		54.6		10.1	39		P
Beryllium	mg/Kg	75 - 125	9.54		1.56		10.1	79		P
Cadmium	mg/Kg	75 - 125	11.1		0.62		10.1	104		P
Calcium	mg/Kg	75 - 125	1450		1550		50.7	-181		P
Chromium	mg/Kg	75 - 125	38.0		20.9		20.3	84		P
Cobalt	mg/Kg	75 - 125	25.9		15.7		10.1	101		P
Copper	mg/Kg	75 - 125	27.9		16.8		15.2	73	N	P
Iron	mg/Kg	75 - 125	29600		32700		150	-2023		P
Lead	mg/Kg	75 - 125	79.8		31.9		50.7	94		P
Magnesium	mg/Kg	75 - 125	3660		3680		100	-18		P
Manganese	mg/Kg	75 - 125	315		372		10.1	-565		P
Nickel	mg/Kg	75 - 125	53.5		27.4		25.4	103		P
Potassium	mg/Kg	75 - 125	1660		1130		510	105		P
Selenium	mg/Kg	75 - 125	74.3		1.10	U	100	74	N	P
Silver	mg/Kg	75 - 125	6.94		4.28		3.8	70	N	P
Sodium	mg/Kg	75 - 125	338		236		150	68	N	P
Thallium	mg/Kg	75 - 125	86.5		2.20	U	100	86		P
Vanadium	mg/Kg	75 - 125	33.8		23.3		15.2	69	N	P
Zinc	mg/Kg	75 - 125	105		98.6		10.1	61		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3586
contract: REMI02 **lab code:** ACE
matrix: Solid **sample id:** Q3581-01 **client id:** VNJ-238MSD

Percent Solids for Sample: 85.7 **Spiked ID:** Q3581-01MSD **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	13500		12600		110	836		P
Antimony	mg/Kg	75 - 125	16.7		1.00	J	43.6	36	N	P
Arsenic	mg/Kg	75 - 125	41.7		7.97		43.6	77		P
Barium	mg/Kg	75 - 125	62.7		54.6		10.9	74		P
Beryllium	mg/Kg	75 - 125	10.5		1.56		10.9	82		P
Cadmium	mg/Kg	75 - 125	11.8		0.62		10.9	102		P
Calcium	mg/Kg	75 - 125	1530		1550		54.5	-24		P
Chromium	mg/Kg	75 - 125	40.3		20.9		21.8	89		P
Cobalt	mg/Kg	75 - 125	26.9		15.7		10.9	103		P
Copper	mg/Kg	75 - 125	42.0		16.8		16.4	154	N	P
Iron	mg/Kg	75 - 125	29900		32700		160	-1754		P
Lead	mg/Kg	75 - 125	95.2		31.9		54.5	116		P
Magnesium	mg/Kg	75 - 125	3830		3680		110	140		P
Manganese	mg/Kg	75 - 125	312		372		10.9	-548		P
Nickel	mg/Kg	75 - 125	60.1		27.4		27.3	120		P
Potassium	mg/Kg	75 - 125	1680		1130		550	100		P
Selenium	mg/Kg	75 - 125	80.8		1.10	U	110	74	N	P
Silver	mg/Kg	75 - 125	7.11		4.28		4.1	69	N	P
Sodium	mg/Kg	75 - 125	357		236		160	76		P
Thallium	mg/Kg	75 - 125	94.9		2.20	U	110	86		P
Vanadium	mg/Kg	75 - 125	35.2		23.3		16.4	72	N	P
Zinc	mg/Kg	75 - 125	169		98.6		10.9	648		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>Remington & Vernick Engineers</u>	level: <u>low</u>	sdg no.: <u>Q3586</u>
contract: <u>REMI02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3597-10</u>	client id: <u>TP-4MS</u>
Percent Solids for Sample: 97.8	Spiked ID: Q3597-10MS	Percent Solids for Spike Sample: 97.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.24		0.014	U	0.26	91		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Remington & Vernick Engineers</u>	level:	<u>low</u>	sdg no.:	<u>Q3586</u>
contract:	<u>REMI02</u>			lab code:	<u>ACE</u>
matrix:	<u>Solid</u>	sample id:	<u>Q3597-10</u>	client id:	<u>TP-4MSD</u>
Percent Solids for Sample:	97.8	Spiked ID:	Q3597-10MSD	Percent Solids for Spike Sample:	97.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.22		0.014	U	0.27	82		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3586</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
Matrix: <u>Solid</u>	Level: <u>LOW</u>
Sample ID: <u>Q3581-01</u>	Client ID: <u>VNJ-238A</u>
Spiked ID: <u>Q3581-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	35.8		1.00	J	44.0	79		P
Copper	mg/Kg	75 - 125	30.3		16.8		16.5	82		P
Selenium	mg/Kg	75 - 125	85.8		1.10	U	110	78		P
Silver	mg/Kg	75 - 125	7.46		4.28		4.10	77		P
Sodium	mg/Kg	75 - 125	338		236		170	60	N	P
Vanadium	mg/Kg	75 - 125	35.6		23.3		16.5	74	N	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3586
Contract: REMI02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3581-01 **Client ID:** VNJ-238DUP
Percent Solids for Sample: 85.7 **Duplicate ID** Q3581-01DUP **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	12600		12300		2		P
Antimony	mg/Kg	20	1.00	J	0.86	J	16		P
Arsenic	mg/Kg	20	7.97		7.74		3		P
Barium	mg/Kg	20	54.6		53.7		2		P
Beryllium	mg/Kg	20	1.56		1.49		5		P
Cadmium	mg/Kg	20	0.62		0.60		4		P
Calcium	mg/Kg	20	1550		1520		2		P
Chromium	mg/Kg	20	20.9		20.4		2		P
Cobalt	mg/Kg	20	15.7		15.3		3		P
Copper	mg/Kg	20	16.8		16.2		4		P
Iron	mg/Kg	20	32700		32100		2		P
Lead	mg/Kg	20	31.9		31.2		2		P
Magnesium	mg/Kg	20	3680		3600		2		P
Manganese	mg/Kg	20	372		364		2		P
Nickel	mg/Kg	20	27.4		26.7		3		P
Potassium	mg/Kg	20	1130		1100		3		P
Selenium	mg/Kg	20	1.10	U	1.09	U			P
Silver	mg/Kg	20	4.28		4.38		2		P
Sodium	mg/Kg	20	236		219		7		P
Thallium	mg/Kg	20	2.20	U	2.18	U			P
Vanadium	mg/Kg	20	23.3		22.6		3		P
Zinc	mg/Kg	20	98.6		95.5		3		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3586
Contract: REMI02 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3581-01MS **Client ID:** VNJ-238MSD

Percent Solids for Sample: 85.7 **Duplicate ID** Q3581-01MSD **Percent Solids for Spike Sample:** 85.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	13100		13500		3		P
Antimony	mg/Kg	20	15.7		16.7		6		P
Arsenic	mg/Kg	20	39.2		41.7		6		P
Barium	mg/Kg	20	58.5		62.7		7		P
Beryllium	mg/Kg	20	9.54		10.5		10		P
Cadmium	mg/Kg	20	11.1		11.8		6		P
Calcium	mg/Kg	20	1450		1530		5		P
Chromium	mg/Kg	20	38.0		40.3		6		P
Cobalt	mg/Kg	20	25.9		26.9		4		P
Copper	mg/Kg	20	27.9		42.0		40	*	P
Iron	mg/Kg	20	29600		29900		1		P
Lead	mg/Kg	20	79.8		95.2		18		P
Magnesium	mg/Kg	20	3660		3830		5		P
Manganese	mg/Kg	20	315		312		1		P
Nickel	mg/Kg	20	53.5		60.1		12		P
Potassium	mg/Kg	20	1660		1680		1		P
Selenium	mg/Kg	20	74.3		80.8		8		P
Silver	mg/Kg	20	6.94		7.11		2		P
Sodium	mg/Kg	20	338		357		5		P
Thallium	mg/Kg	20	86.5		94.9		9		P
Vanadium	mg/Kg	20	33.8		35.2		4		P
Zinc	mg/Kg	20	105		169		47	*	P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3586</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3597-10</u>	Client ID:	<u>TP-4DUP</u>
Percent Solids for Sample:	97.8	Duplicate ID	Q3597-10DUP	Percent Solids for Spike Sample:	97.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.014	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3586</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3597-10MS</u>	Client ID:	<u>TP-4MSD</u>
Percent Solids for Sample:	97.8	Duplicate ID	Q3597-10MSD	Percent Solids for Spike Sample:	97.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.24		0.22		7		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170471BS							
Aluminum	mg/Kg	100	100		100	80 - 120	P
Antimony	mg/Kg	40.0	40.1		100	80 - 120	P
Arsenic	mg/Kg	40.0	38.4		96	80 - 120	P
Barium	mg/Kg	10.0	9.73		97	80 - 120	P
Beryllium	mg/Kg	10.0	10.3		103	80 - 120	P
Cadmium	mg/Kg	10.0	9.50		95	80 - 120	P
Calcium	mg/Kg	50.0	53.5	J	107	80 - 120	P
Chromium	mg/Kg	20.0	20.1		100	80 - 120	P
Cobalt	mg/Kg	10.0	9.76		98	80 - 120	P
Copper	mg/Kg	15.0	15.3		102	80 - 120	P
Iron	mg/Kg	150	154		103	80 - 120	P
Lead	mg/Kg	50.0	46.8		94	80 - 120	P
Magnesium	mg/Kg	100	98.4	J	98	80 - 120	P
Manganese	mg/Kg	10.0	10.4		104	80 - 120	P
Nickel	mg/Kg	25.0	24.5		98	80 - 120	P
Potassium	mg/Kg	500	530		106	80 - 120	P
Selenium	mg/Kg	100	97.7		98	80 - 120	P
Silver	mg/Kg	3.8	3.88		102	80 - 120	P
Sodium	mg/Kg	150	168		112	80 - 120	P
Thallium	mg/Kg	100	91.8		92	80 - 120	P
Vanadium	mg/Kg	15.0	15.5		103	80 - 120	P
Zinc	mg/Kg	10.0	10.3		104	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170491BS Mercury	mg/Kg	0.28	0.30		106	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

VNJ-238L

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **Lb No.:** lb137841 **Lab Sample ID :** Q3581-01L **SDG No.:** Q3586
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	12600		14500		15		P
Antimony	1.00	J	13.8	U	100.0		P
Arsenic	7.97		8.88		11		P
Barium	54.6		61.7		13		P
Beryllium	1.56		1.83		17		P
Cadmium	0.62		1.65	U	100.0		P
Calcium	1550		1790		16		P
Chromium	20.9		24.5		17		P
Cobalt	15.7		14.5		8		P
Copper	16.8		20.8		24		P
Iron	32700		37500		15		P
Lead	31.9		29.8		7		P
Magnesium	3680		4290		17		P
Manganese	372		434		17		P
Nickel	27.4		25.7		6		P
Potassium	1130		1050		7		P
Selenium	1.10	U	1.80	J	100.0		P
Silver	4.28		4.93		15		P
Sodium	236		550	U	100.0		P
Thallium	2.20	U	11.0	U			P
Vanadium	23.3		24.8		6		P
Zinc	98.6		117		18		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-4L

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

Lb No.: lb137851

Lab Sample ID : Q3597-10L

SDG No.: Q3586

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
	C		C				
Mercury	0.014	U	0.068	U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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 INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

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

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

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: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170471							
PB170471BL	PB170471BL	MB	SOLID	11/10/2025	2.00	100.0	100.00
PB170471BS	PB170471BS	LCS	SOLID	11/10/2025	2.00	100.0	100.00
Q3581-01DUP	VNJ-238DUP	DUP	SOLID	11/10/2025	2.14	100.0	85.70
Q3581-01MS	VNJ-238MS	MS	SOLID	11/10/2025	2.30	100.0	85.70
Q3581-01MSD	VNJ-238MSD	MSD	SOLID	11/10/2025	2.14	100.0	85.70
Q3586-01	SED-1	SAM	SOLID	11/10/2025	2.22	100.0	62.90
Q3586-02	SED-2	SAM	SOLID	11/10/2025	2.26	100.0	41.40
Q3586-03	SED-3	SAM	SOLID	11/10/2025	2.12	100.0	50.90

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3586

Contract: REMI02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170491							
PB170491BL	PB170491BL	MB	SOLID	11/11/2025	0.50	35.0	100.00
PB170491BS	PB170491BS	LCS	SOLID	11/11/2025	0.50	35.0	100.00
Q3586-01	SED-1	SAM	SOLID	11/11/2025	0.60	35.0	62.90
Q3586-02	SED-2	SAM	SOLID	11/11/2025	0.51	35.0	41.40
Q3586-03	SED-3	SAM	SOLID	11/11/2025	0.54	35.0	50.90
Q3597-10DUP	TP-4DUP	DUP	SOLID	11/11/2025	0.53	35.0	97.80
Q3597-10MS	TP-4MS	MS	SOLID	11/11/2025	0.55	35.0	97.80
Q3597-10MSD	TP-4MSD	MSD	SOLID	11/11/2025	0.53	35.0	97.80

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3586

Instrument id number:

Method:

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1238	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1242	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1547	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1635	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3586-01	SED-1	1	1906	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3586-02	SED-2	1	1910	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1914	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3586-03	SED-3	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01DUP	VNJ-238DUP	1	1942	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01L	VNJ-238L	5	1946	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01MS	VNJ-238MS	1	1950	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01MSD	VNJ-238MSD	1	1954	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3581-01A	VNJ-238A	1	1958	Ag,Cu,Na,Sb,Se,V
CCV08	CCV08	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3586

Instrument id number:

Method:

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB11	CCB11	1	2334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3586

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

Run number: LB137851

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

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1407	HG
S0.2	S0.2	1	1409	HG
S2.5	S2.5	1	1411	HG
S5	S5	1	1414	HG
S7.5	S7.5	1	1416	HG
S10	S10	1	1418	HG
ICV109	ICV109	1	1421	HG
ICB109	ICB109	1	1424	HG
CCV56	CCV56	1	1426	HG
CCB56	CCB56	1	1428	HG
CRA	CRA	1	1433	HG
PB170491BL	PB170491BL	1	1440	HG
PB170491BS	PB170491BS	1	1448	HG
CCV57	CCV57	1	1501	HG
CCB57	CCB57	1	1504	HG
Q3586-01	SED-1	1	1509	HG
Q3586-02	SED-2	1	1511	HG
Q3586-03	SED-3	1	1513	HG
CCV58	CCV58	1	1530	HG
CCB58	CCB58	1	1532	HG
Q3597-10DUP	TP-4DUP	1	1537	HG
Q3597-10MS	TP-4MS	1	1539	HG
Q3597-10MSD	TP-4MSD	1	1541	HG
CCV59	CCV59	1	1558	HG
CCB59	CCB59	1	1600	HG
Q3597-10L	TP-4L	5	1623	HG
CCV60	CCV60	1	1630	HG
CCB60	CCB60	1	1633	HG
CCV61	CCV61	1	1640	HG
CCB61	CCB61	1	1642	HG

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3586

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

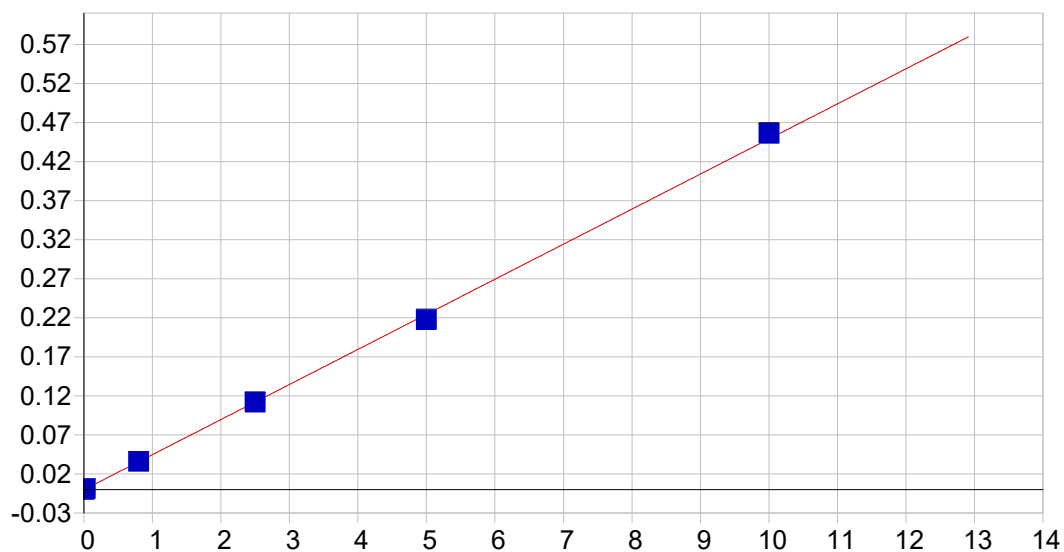
Run number: LB137927

Start date: 11/14/2025 **End date:** 11/14/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1251	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1255	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1300	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1304	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1308	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1312	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1337	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1400	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1433	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170471BL	PB170471BL	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170471BS	PB170471BS	1	1505	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1537	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1540	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL RAW DATA

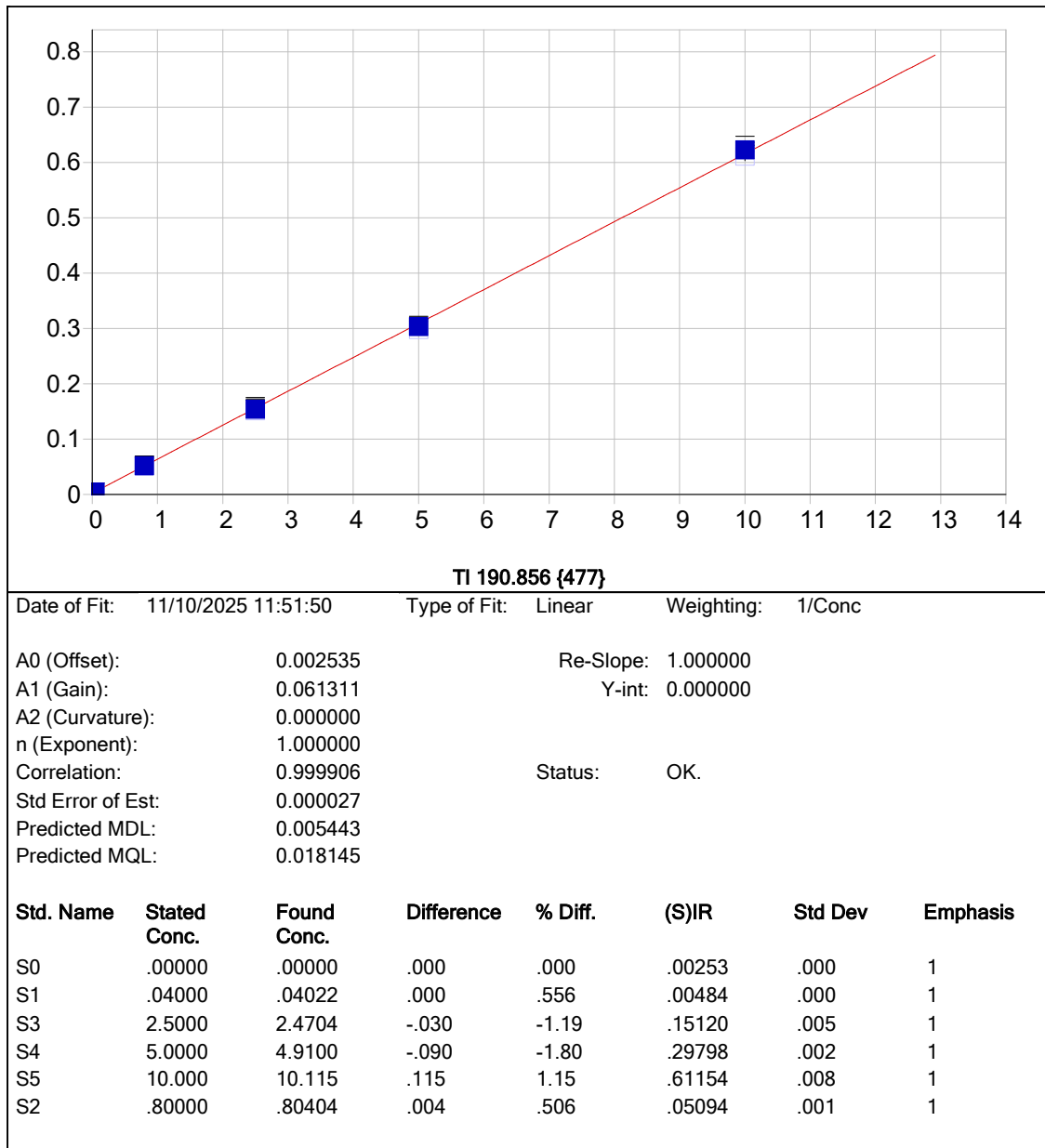


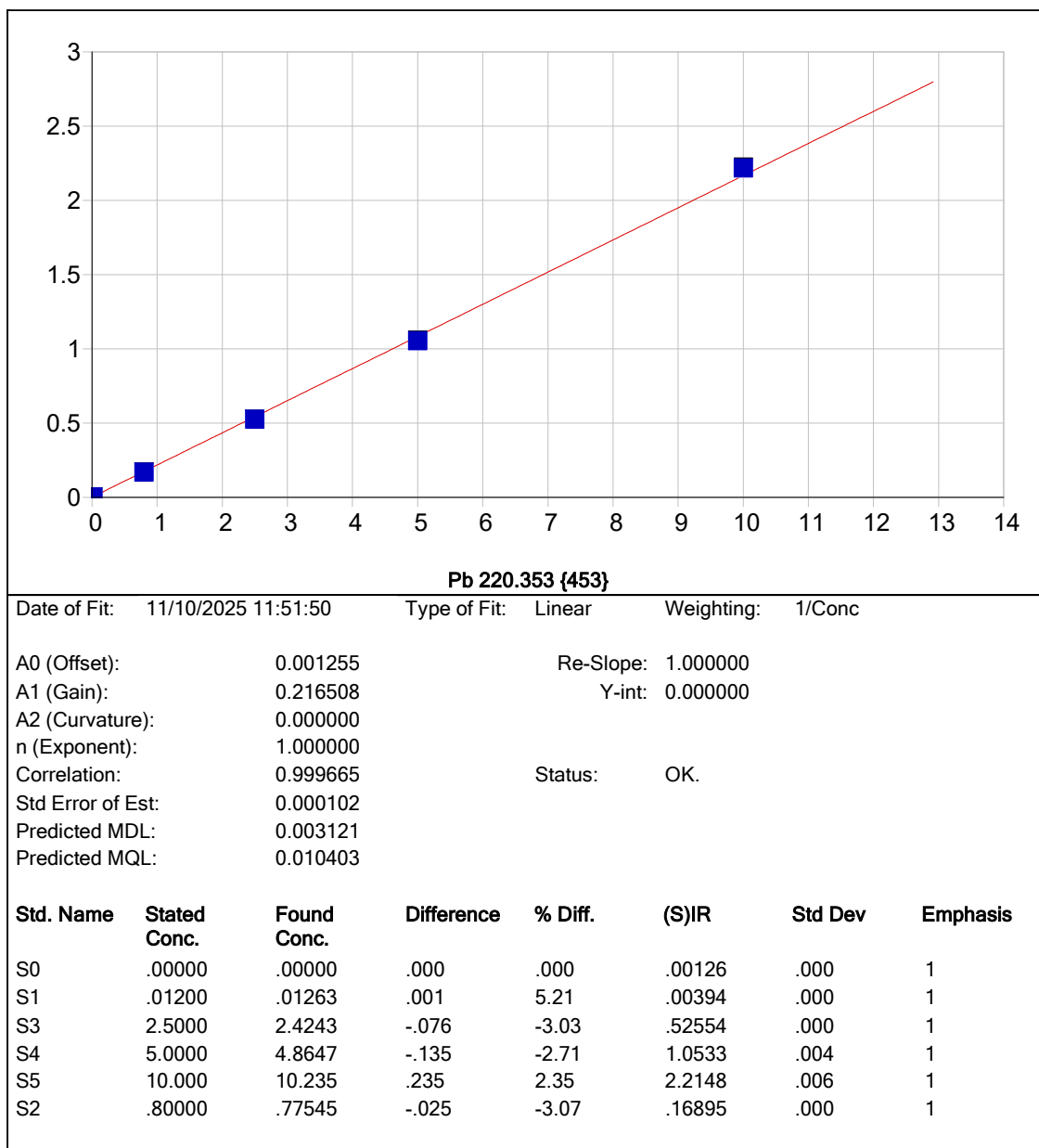
As 189.042 {479}

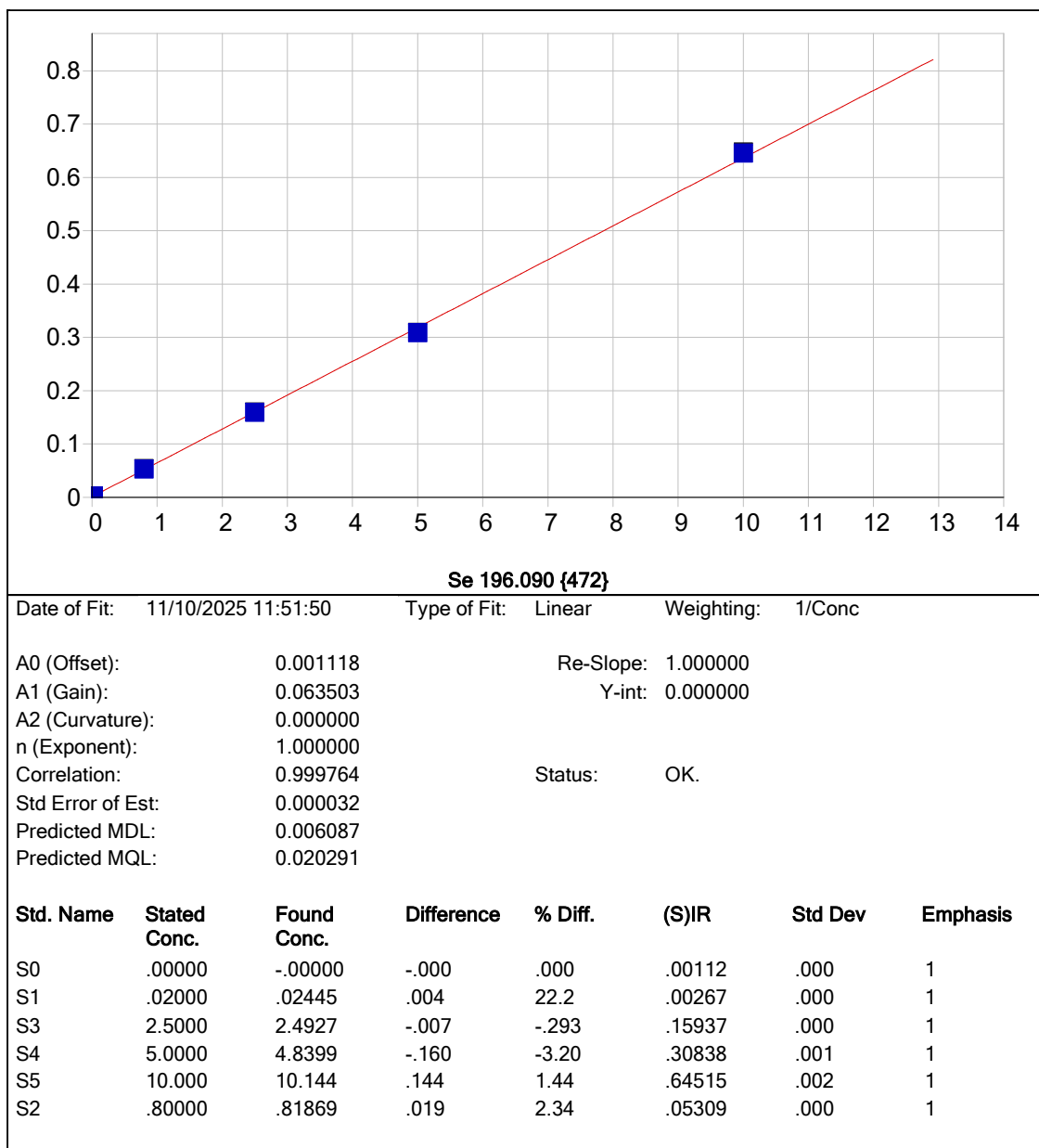
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

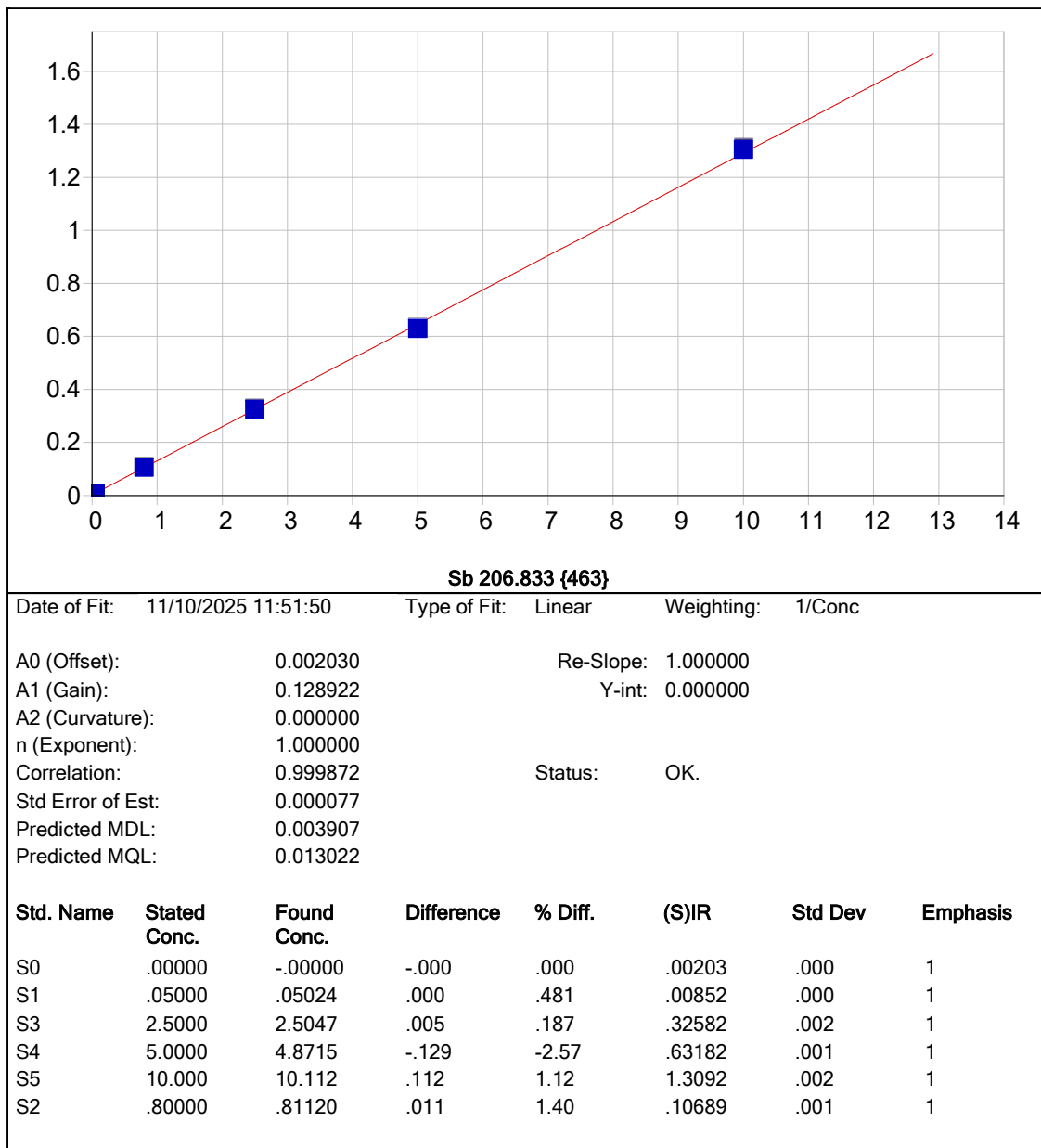
A0 (Offset): -0.000114 Re-Slope: 1.000000
A1 (Gain): 0.044908 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999759 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.006062
Predicted MQL: 0.020207

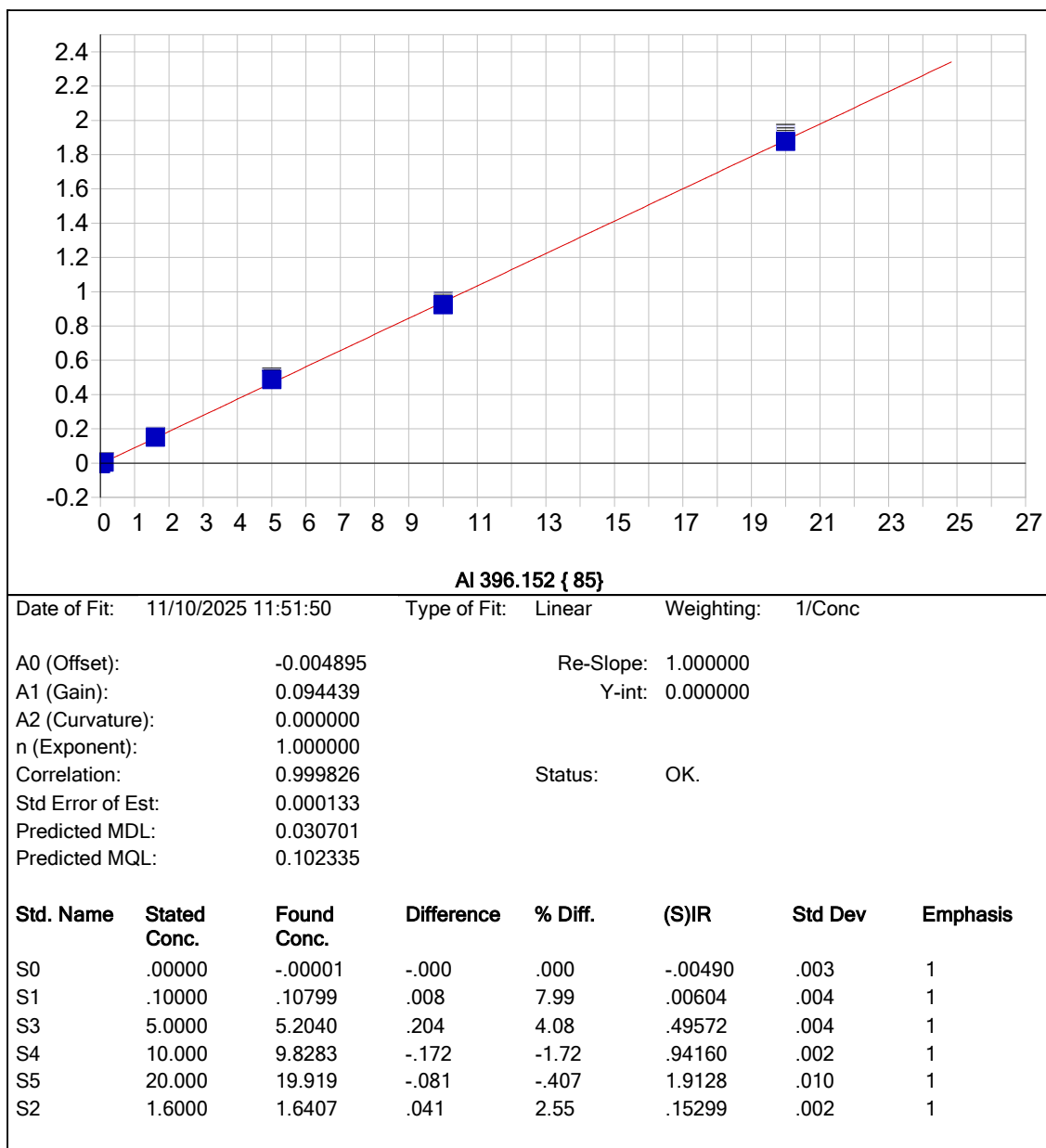
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.02000	.02594	.006	29.7	.00105	.000	1
S3	2.5000	2.4892	-.011	-.432	.11155	.000	1
S4	5.0000	4.8490	-.151	-3.02	.21741	.000	1
S5	10.000	10.157	.157	1.57	.45554	.001	1
S2	.80000	.79931	-.001	-.086	.03574	.000	1





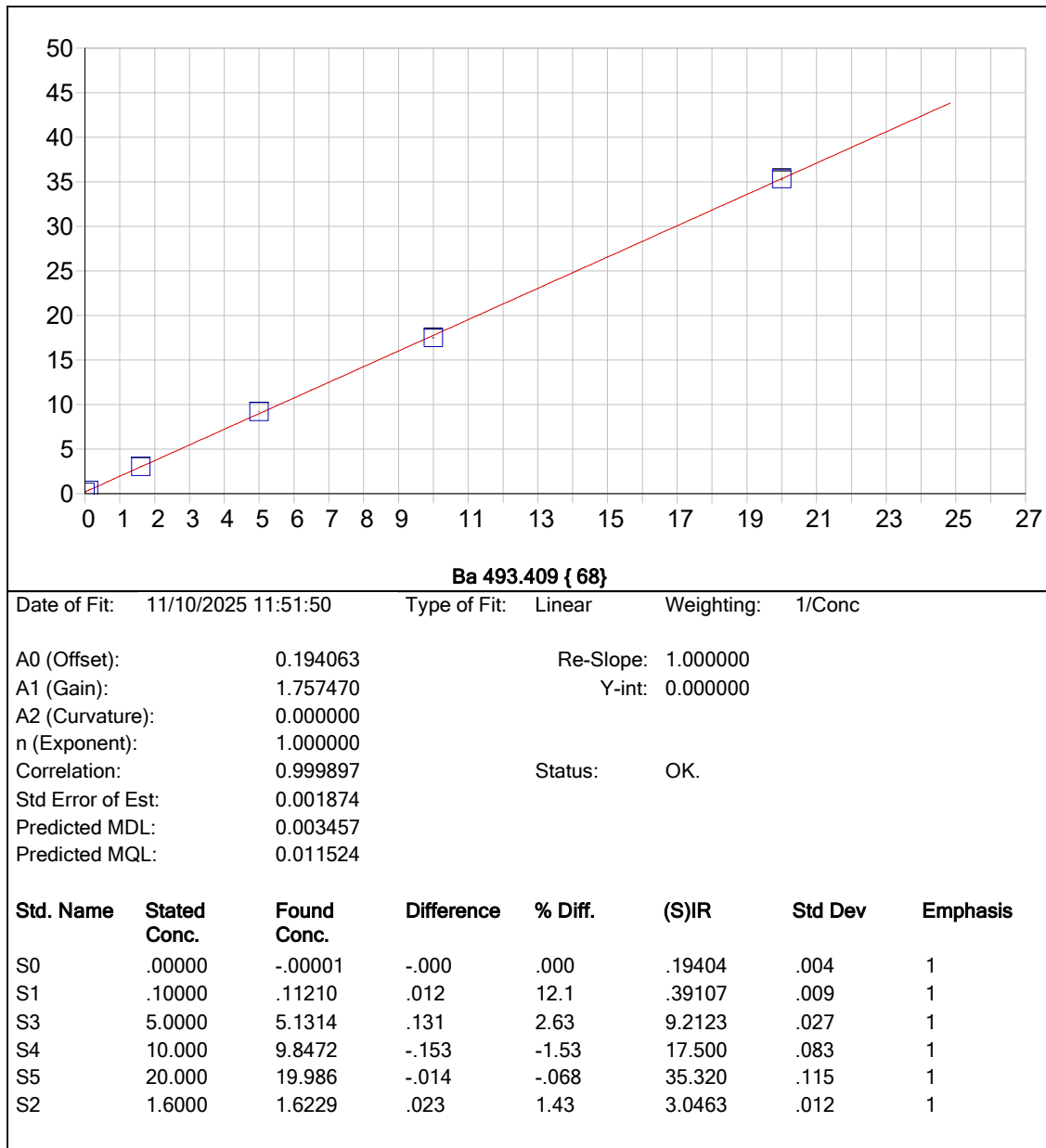


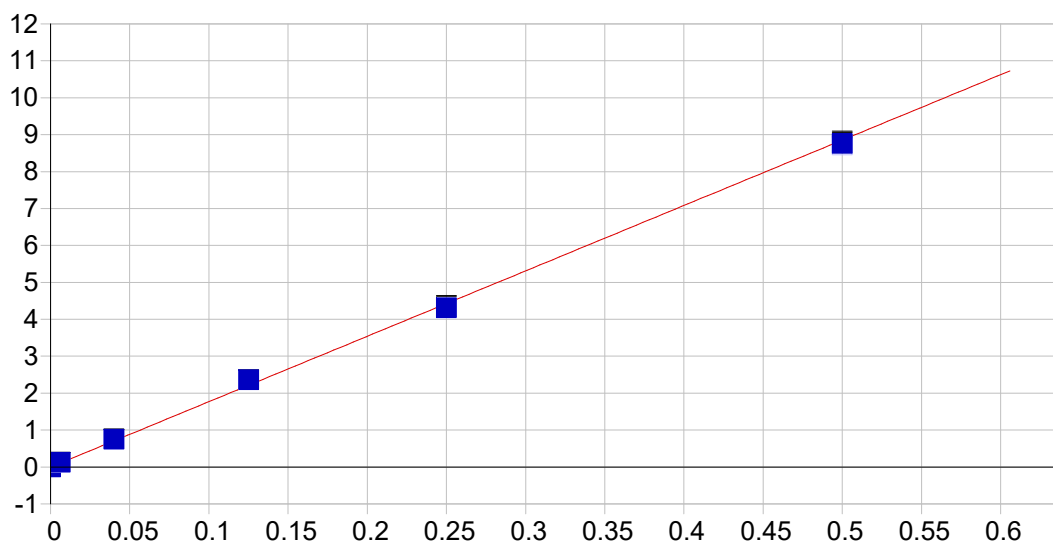




Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004895 Re-Slope: 1.000000
A1 (Gain): 0.094439 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999826 Status: OK.
Std Error of Est: 0.000133
Predicted MDL: 0.030701
Predicted MQL: 0.102335



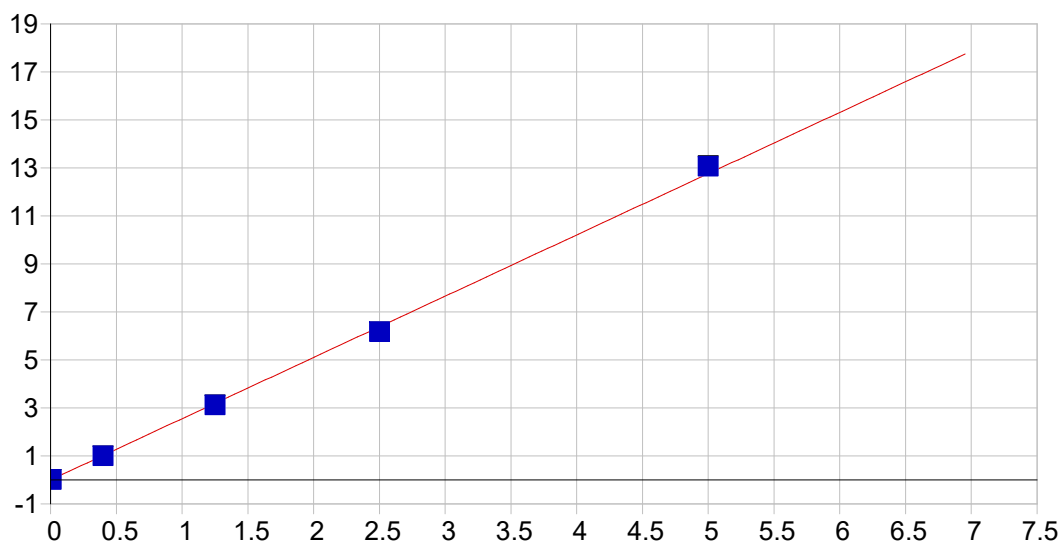


Be 234.861 {144}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002784 Re-Slope: 1.000000
A1 (Gain): 17.712843 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999385 Status: OK.
Std Error of Est: 0.001780
Predicted MDL: 0.000110
Predicted MQL: 0.000368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00281	.001	1
S1	.00600	.00708	.001	18.0	.12178	.001	1
S3	.12500	.13340	.008	6.72	2.3501	.006	1
S4	.25000	.24363	-.006	-2.55	4.2927	.061	1
S5	.50000	.49451	-.005	-1.10	8.7167	.074	1
S2	.04000	.04239	.002	5.98	.74493	.007	1

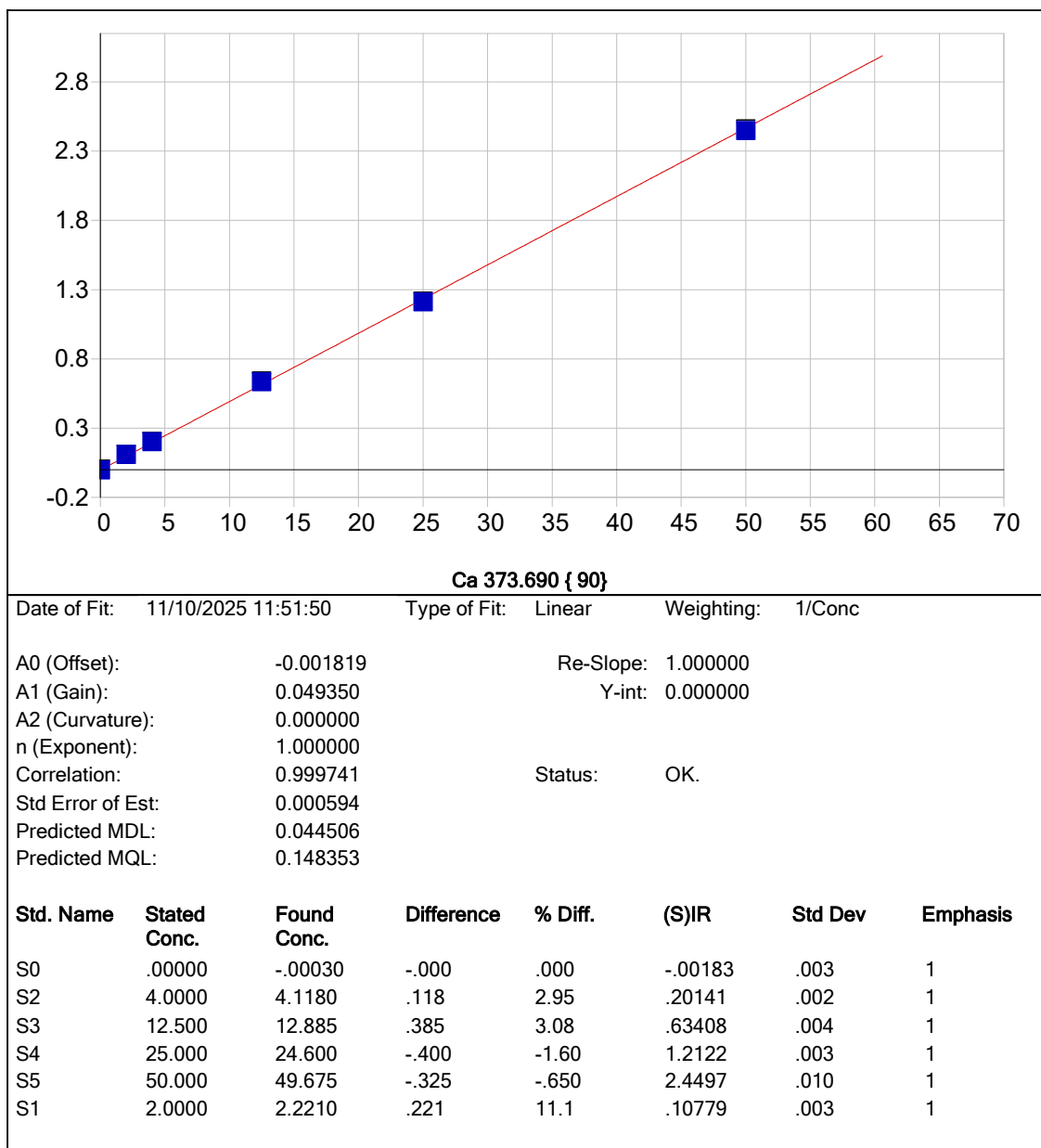


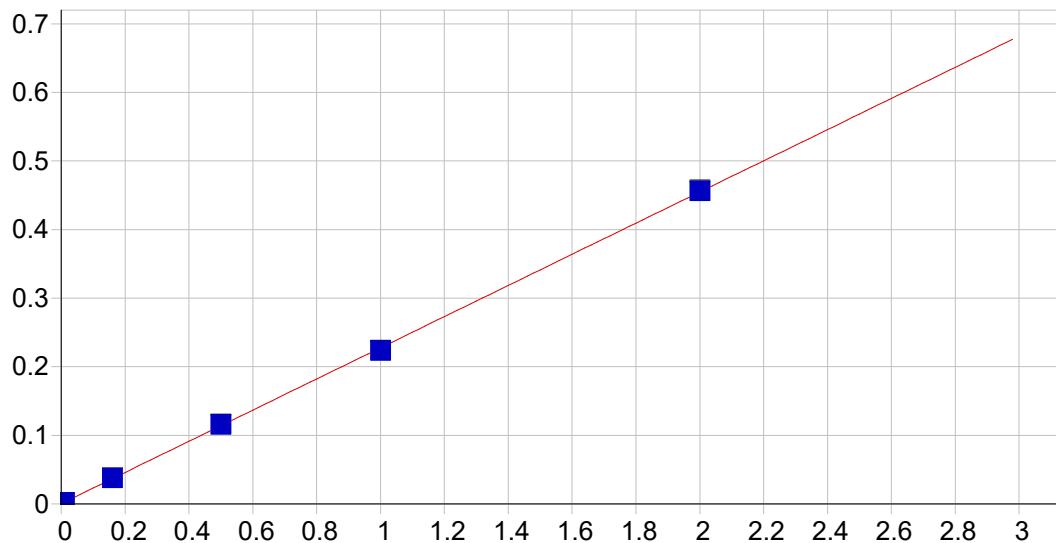
Cd 226.502 {449}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002015	Re-Slope:	1.000000
A1 (Gain):	2.552566	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000605		
Predicted MDL:	0.000186		
Predicted MQL:	0.000620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00201	.000	1
S1	.00600	.00622	.000	3.73	.01392	.000	1
S3	1.2500	1.2220	-.028	-2.24	3.1194	.005	1
S4	2.5000	2.4196	-.080	-3.22	6.1784	.007	1
S5	5.0000	5.1181	.118	2.36	13.071	.018	1
S2	.40000	.39005	-.010	-2.49	.99428	.002	1



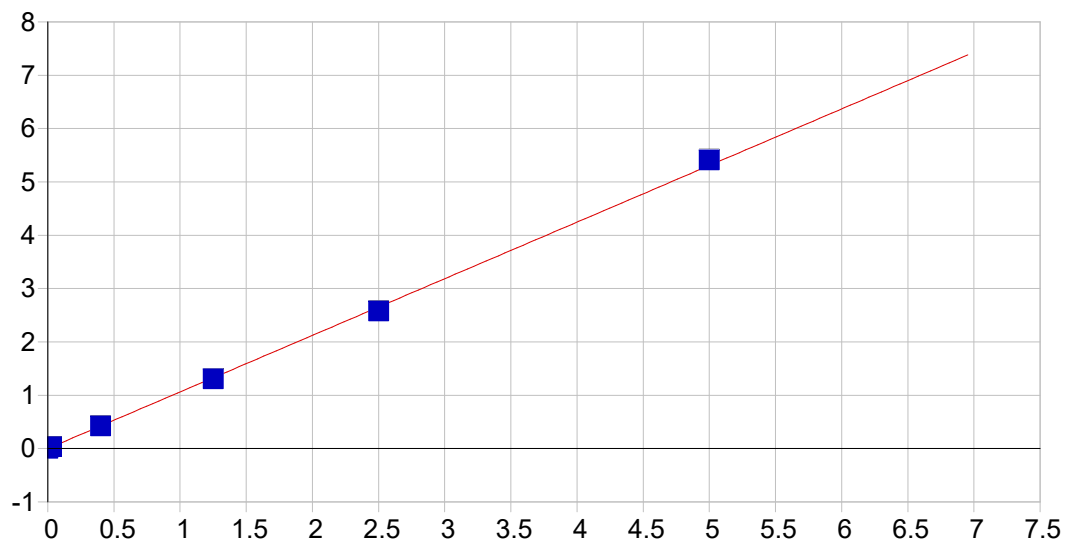


Cr 267.716 {126}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000421 Re-Slope: 1.000000
A1 (Gain): 0.227228 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999906 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.000960
Predicted MQL: 0.003201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.01000	.01046	.000	4.57	.00280	.000	1
S3	.50000	.50745	.007	1.49	.11582	.000	1
S4	1.0000	.98101	-.019	-1.90	.22352	.001	1
S5	2.0000	2.0056	.006	.282	.45652	.001	1
S2	.16000	.16544	.005	3.40	.03804	.000	1

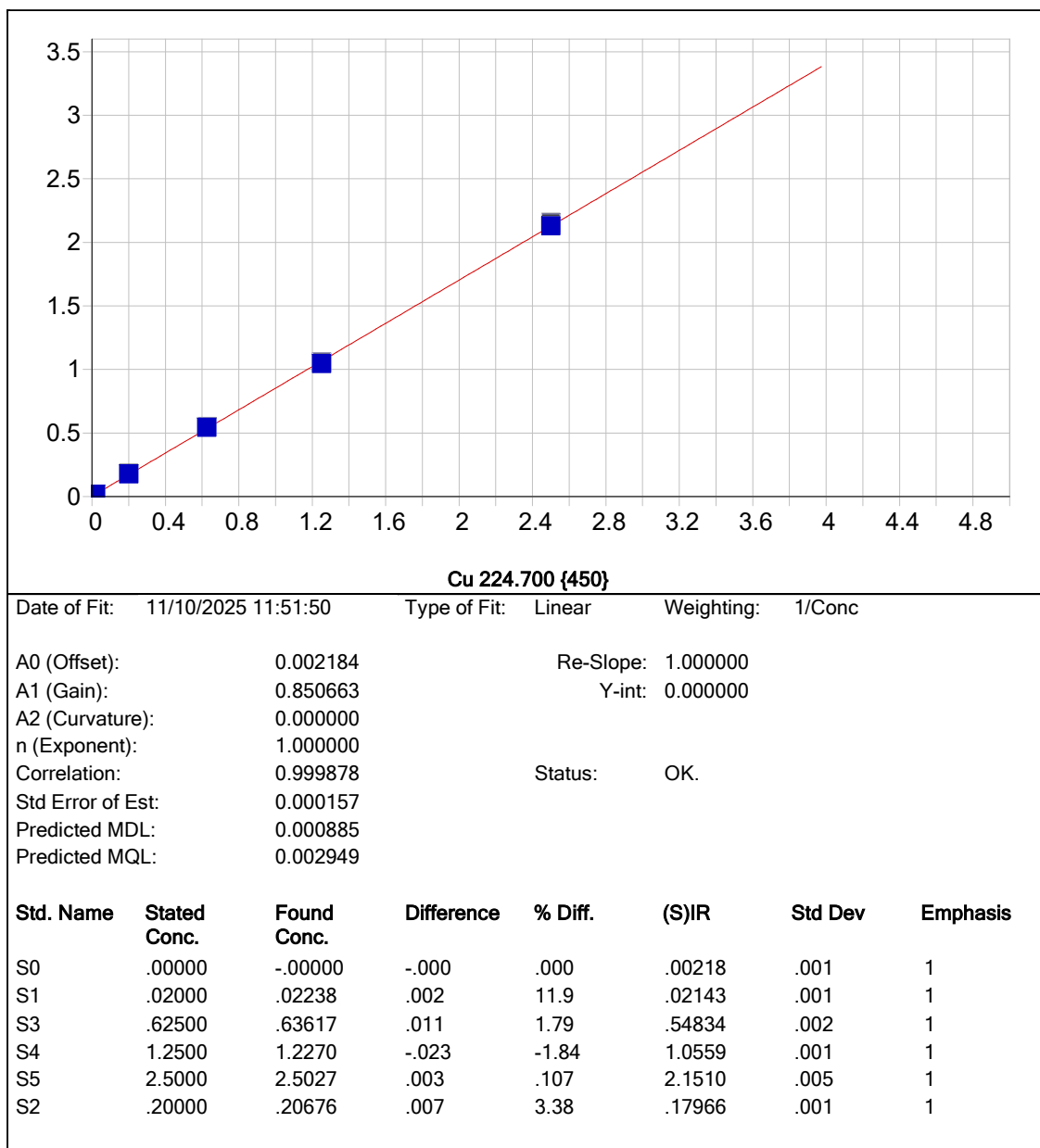


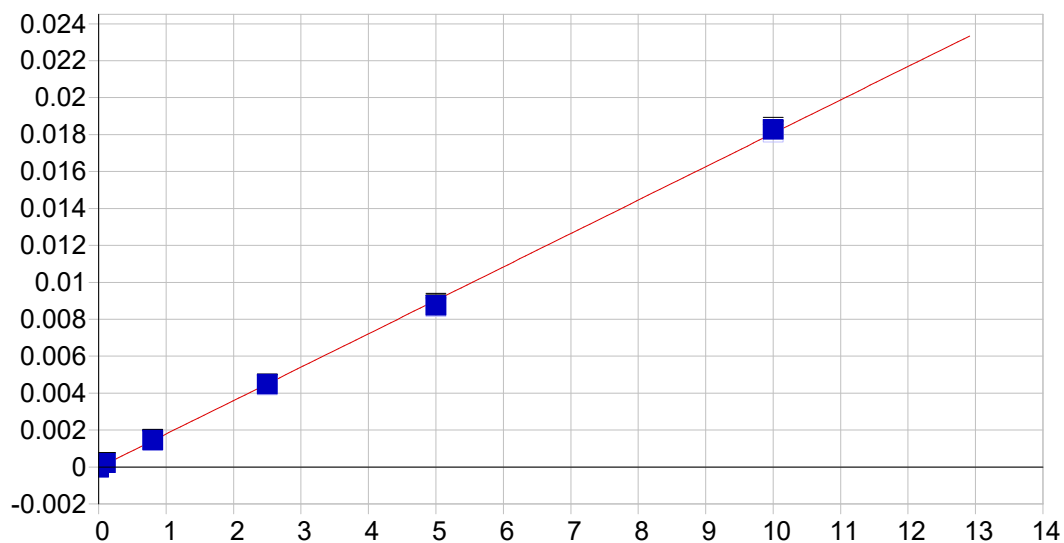
Co 228.616 {448}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
A1 (Gain): 1.061420 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999753 Status: OK.
Std Error of Est: 0.000480
Predicted MDL: 0.000414
Predicted MQL: 0.001382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.03000	.03155	.002	5.15	.03355	.000	1
S3	1.2500	1.2309	-.019	-1.53	1.3090	.001	1
S4	2.5000	2.4256	-.074	-2.98	2.5793	.002	1
S5	5.0000	5.0973	.097	1.95	5.4196	.004	1
S2	.40000	.39460	-.005	-1.35	.41976	.002	1



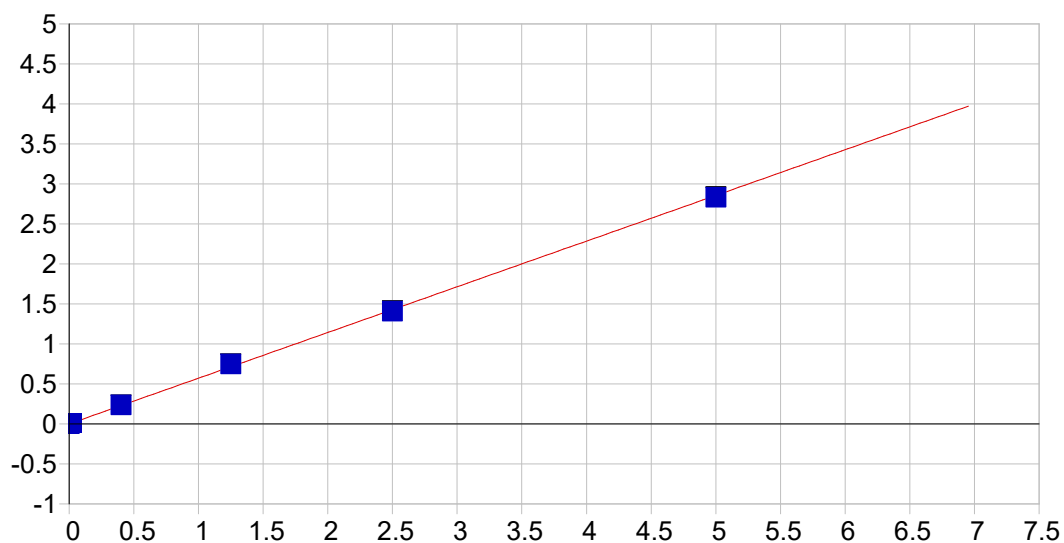


Fe 240.488 {140}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
A1 (Gain): 0.001810 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999502 Status: OK.
Std Error of Est: 0.000003
Predicted MDL: 0.033160
Predicted MQL: 0.110532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00003	.000	1
S1	.10000	.13455	.035	34.6	.00022	.000	1
S3	2.5000	2.4874	-.013	-.506	.00444	.000	1
S4	5.0000	4.8509	-.149	-2.98	.00867	.000	1
S5	10.000	10.111	.111	1.11	.01812	.000	1
S2	.80000	.81672	.017	2.09	.00144	.000	1

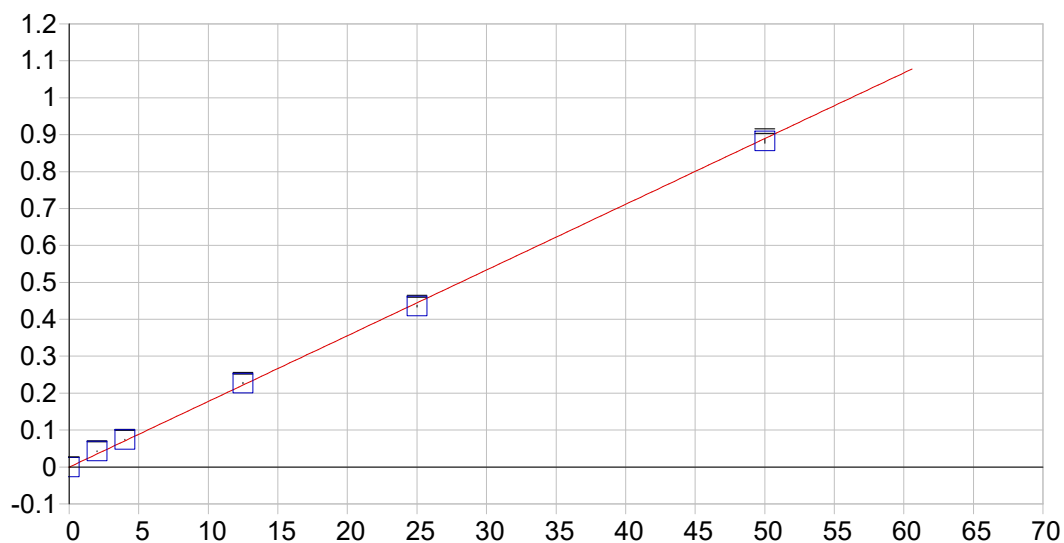


Mn 257.610 {131}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
A1 (Gain): 0.571187 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999758 Status: OK.
Std Error of Est: 0.000209
Predicted MDL: 0.001511
Predicted MQL: 0.005036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.001	1
S1	.02000	.02205	.002	10.2	.01286	.001	1
S3	1.2500	1.3112	.061	4.90	.74937	.002	1
S4	2.5000	2.4643	-.036	-1.43	1.4081	.009	1
S5	5.0000	4.9597	-.040	-.806	2.8338	.006	1
S2	.40000	.41274	.013	3.18	.23606	.002	1

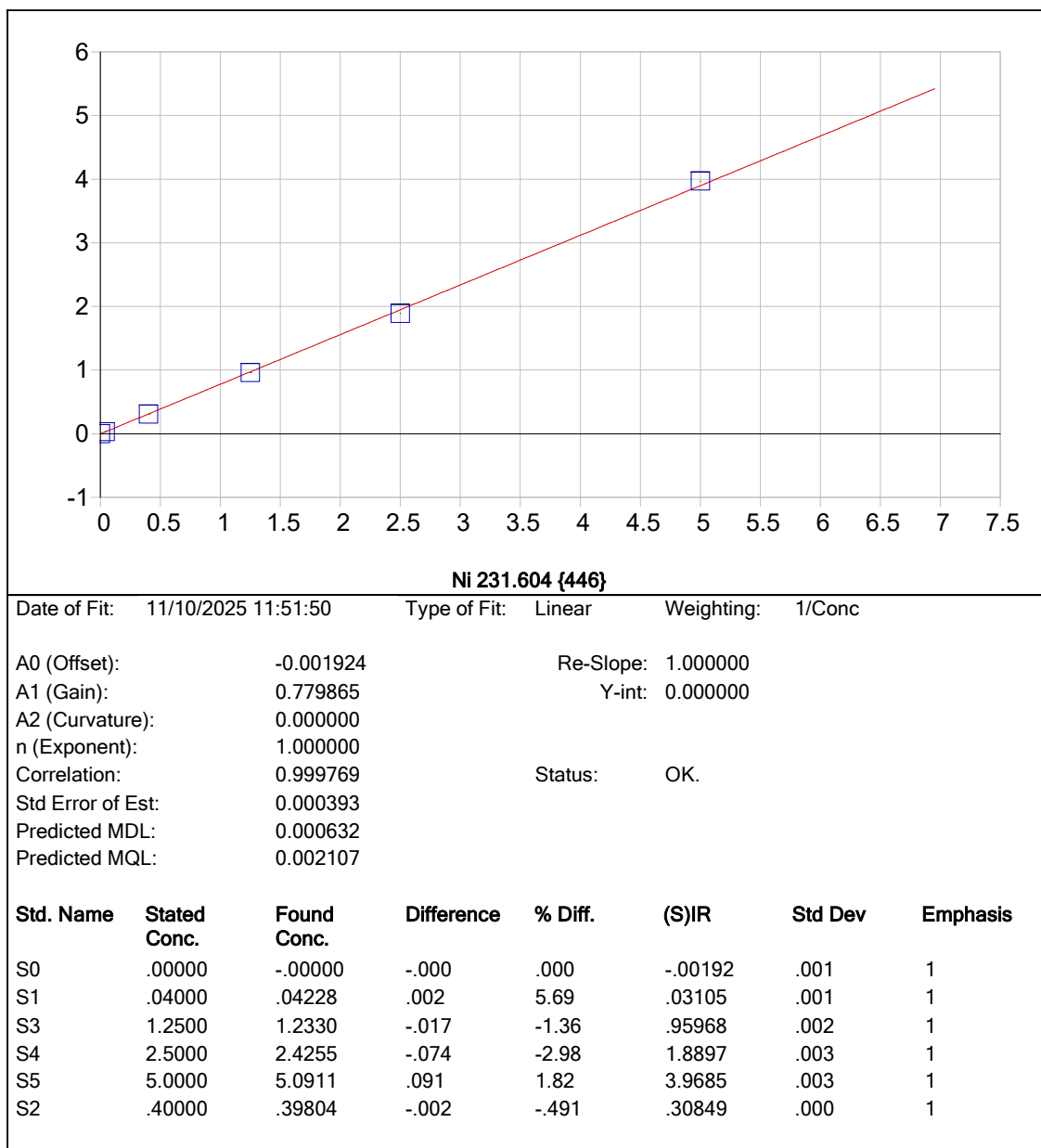


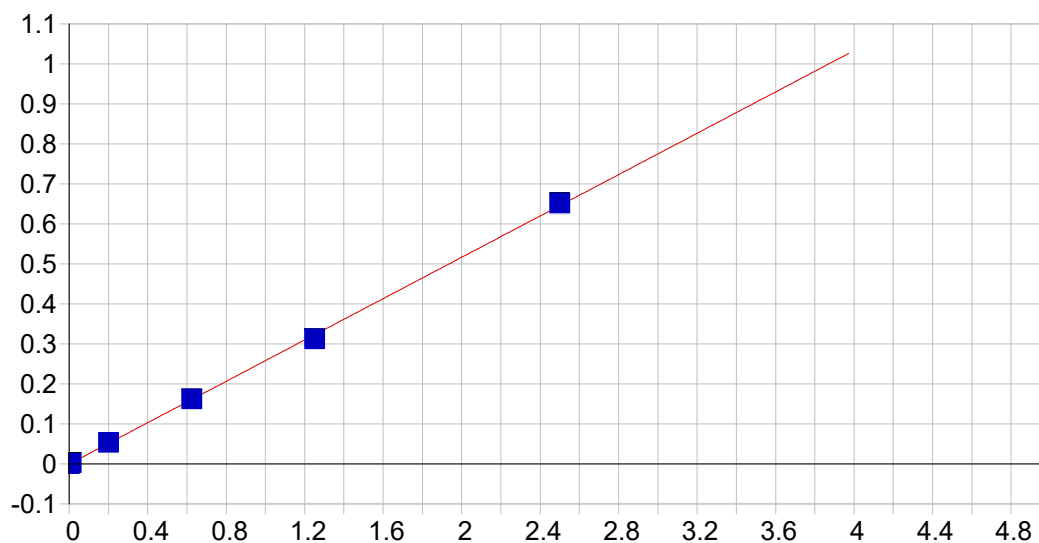
Mg 279.079 {121}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000411 Re-Slope: 1.000000
A1 (Gain): 0.017797 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999398 Status: OK.
Std Error of Est: 0.000327
Predicted MDL: 0.063546
Predicted MQL: 0.211819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	-.000	.000	-.00042	.001	1
S2	4.0000	4.1702	.170	4.26	.07381	.001	1
S3	12.500	12.787	.287	2.29	.22715	.002	1
S4	25.000	24.508	-.492	-1.97	.43575	.003	1
S5	50.000	49.620	-.380	-.760	.88268	.006	1
S1	2.0000	2.4151	.415	20.8	.04257	.001	1



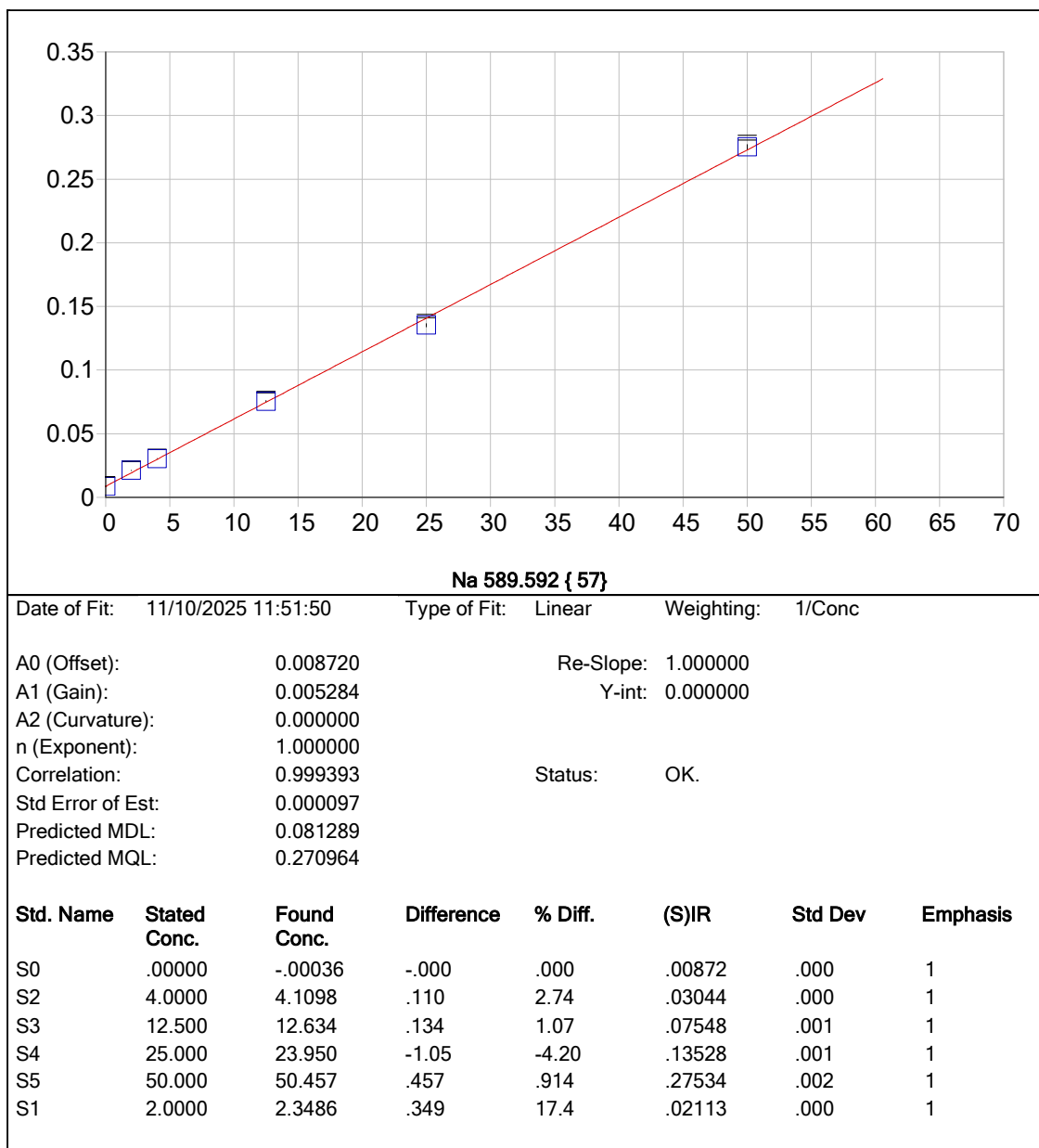


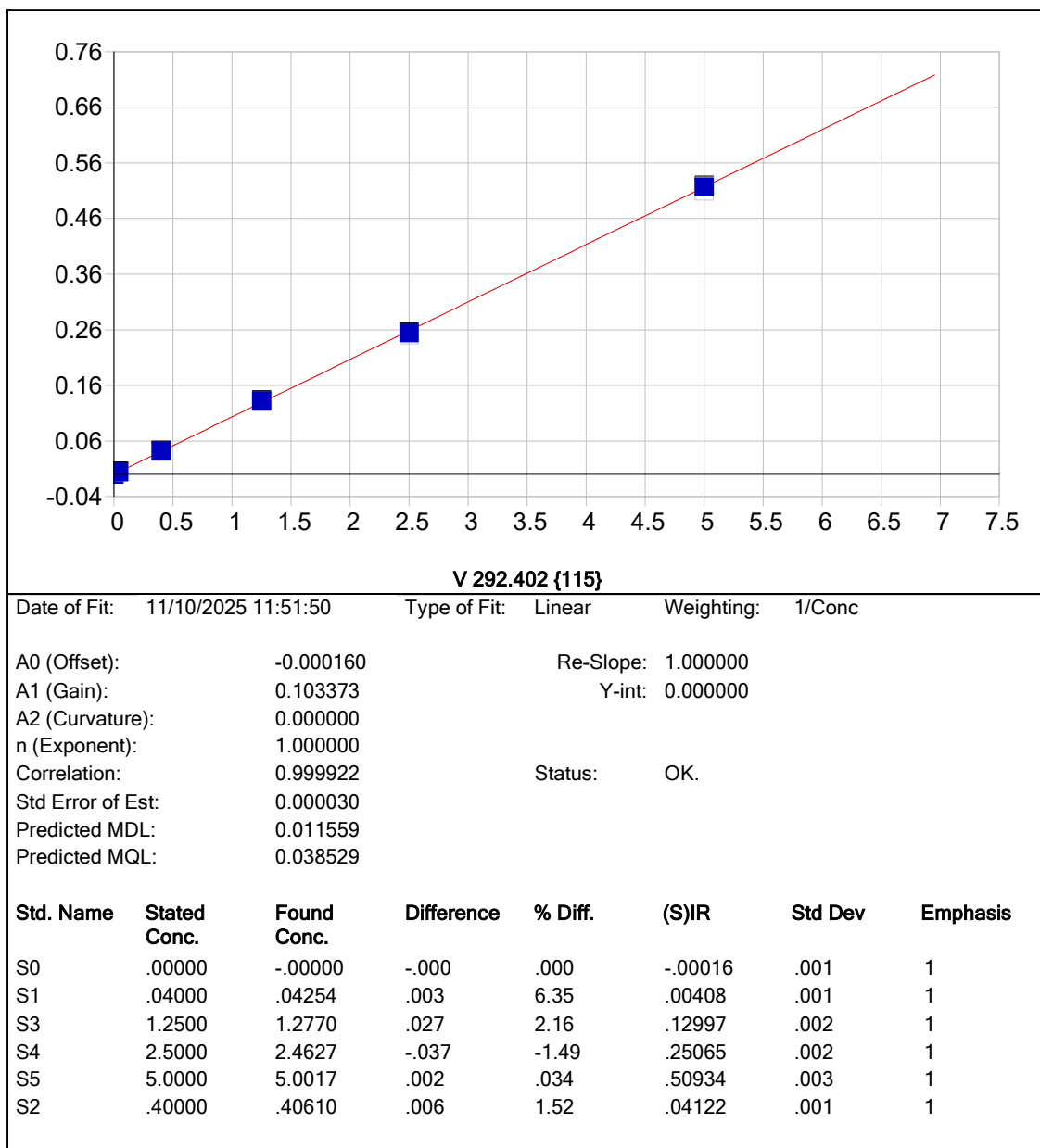
Ag 328.068 {103}

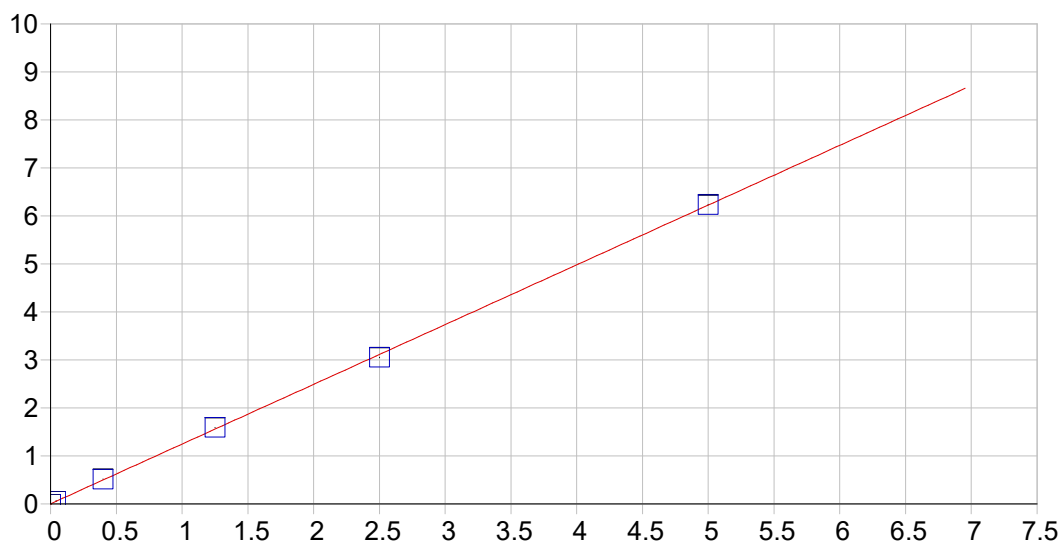
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000316	Re-Slope:	1.000000
A1 (Gain):	0.258418	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999756	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001416		
Predicted MQL:	0.004719		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.01000	.01181	.002	18.1	.00271	.000	1
S3	.62500	.62902	.004	.643	.16145	.000	1
S4	1.2500	1.2110	-.039	-3.12	.31106	.000	1
S5	2.5000	2.5241	.024	.965	.64883	.002	1
S2	.20000	.20906	.009	4.53	.05346	.000	1





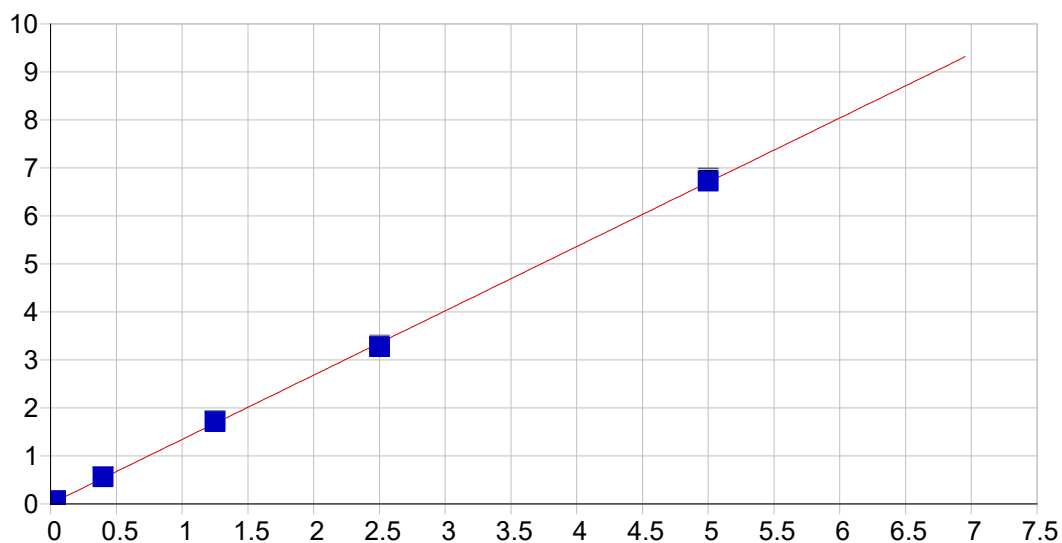


Zn 206.200 {464}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001607 Re-Slope: 1.000000
A1 (Gain): 1.244787 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999860 Status: OK.
Std Error of Est: 0.000489
Predicted MDL: 0.000330
Predicted MQL: 0.001101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00160	.000	1
S1	.04000	.04484	.005	12.1	.05742	.000	1
S3	1.2500	1.2764	.026	2.11	1.5904	.005	1
S4	2.5000	2.4503	-.050	-1.99	3.0517	.002	1
S5	5.0000	5.0052	.005	.104	6.2320	.008	1
S2	.40000	.41327	.013	3.32	.51605	.001	1

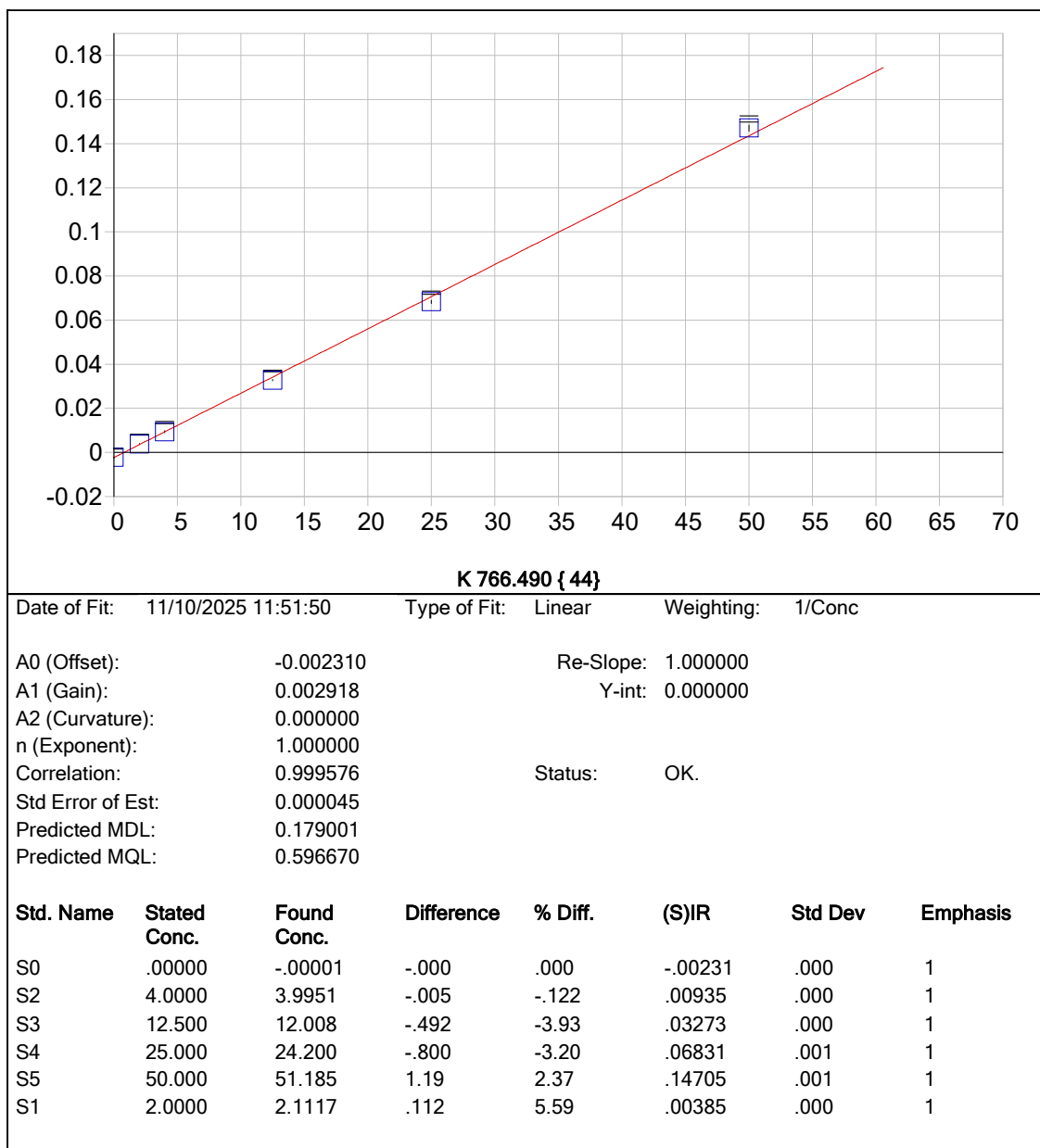


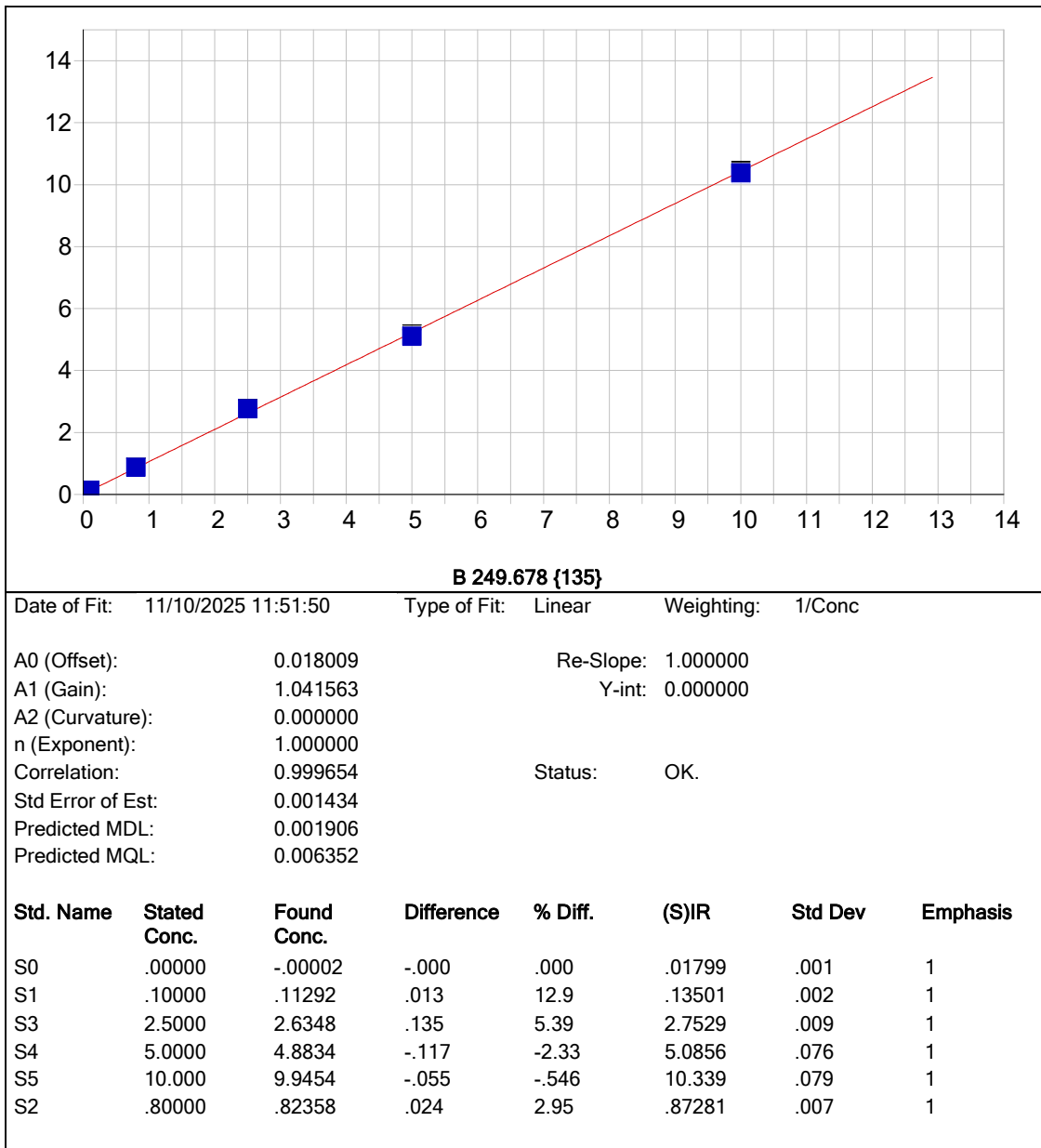
Zn 213.856 {158}

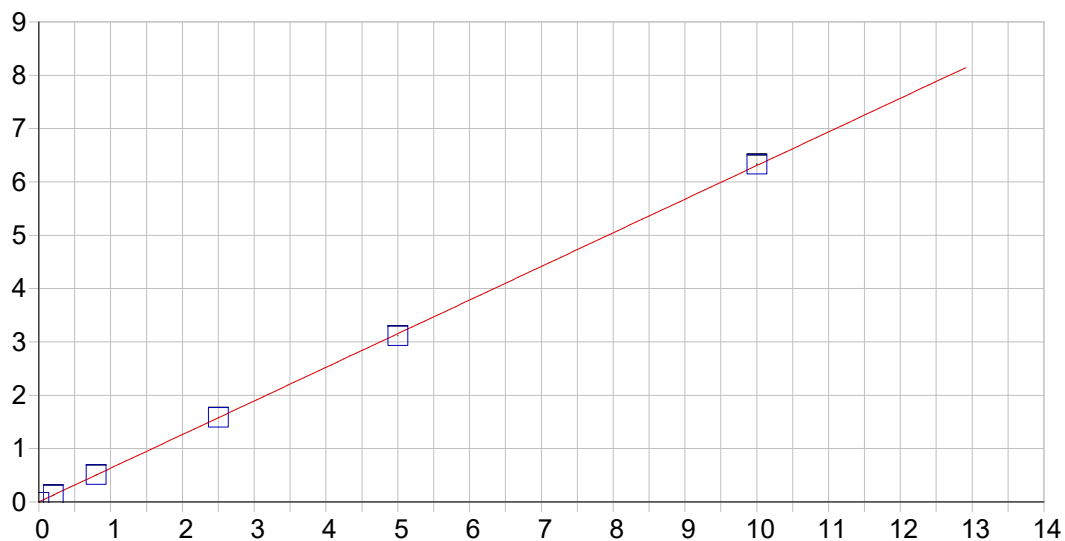
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003838 Re-Slope: 1.000000
A1 (Gain): 1.339373 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999818 Status: OK.
Std Error of Est: 0.000604
Predicted MDL: 0.000716
Predicted MQL: 0.002387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00383	.001	1
S1	.04000	.04508	.005	12.7	.06459	.001	1
S3	1.2500	1.2784	.028	2.27	1.7277	.002	1
S4	2.5000	2.4388	-.061	-2.45	3.2936	.012	1
S5	5.0000	5.0127	.013	.254	6.7643	.024	1
S2	.40000	.41507	.015	3.77	.56350	.002	1





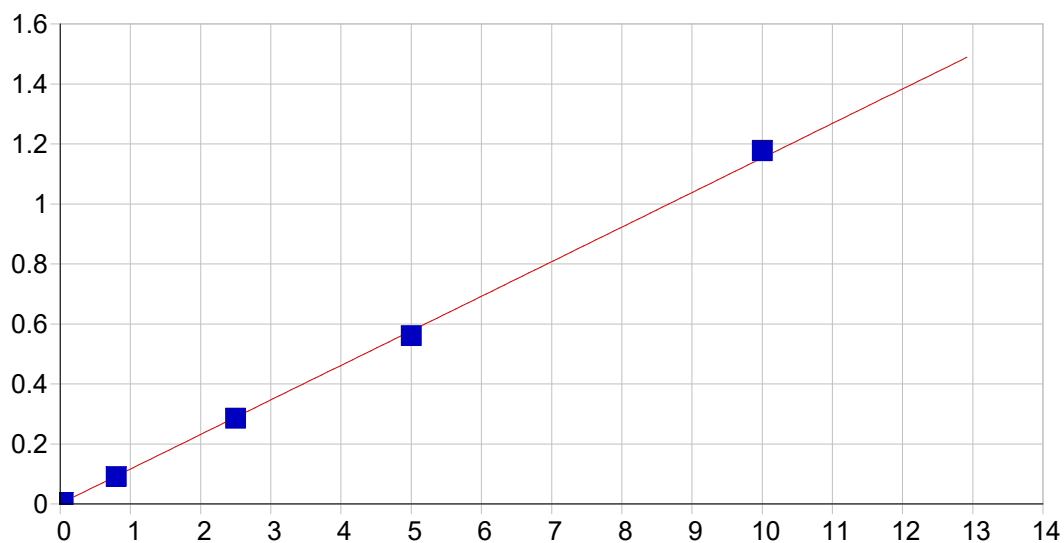


Mo 202.030 {467}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001360 Re-Slope: 1.000000
A1 (Gain): 0.630580 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999966 Status: OK.
Std Error of Est: 0.000387
Predicted MDL: 0.000674
Predicted MQL: 0.002246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00135	.000	1
S1	.20000	.20668	.007	3.34	.13169	.000	1
S3	2.5000	2.5128	.013	.514	1.5859	.003	1
S4	5.0000	4.9377	-.062	-1.25	3.1150	.004	1
S5	10.000	10.036	.036	.355	6.3296	.012	1
S2	.80000	.80727	.007	.909	.51041	.001	1

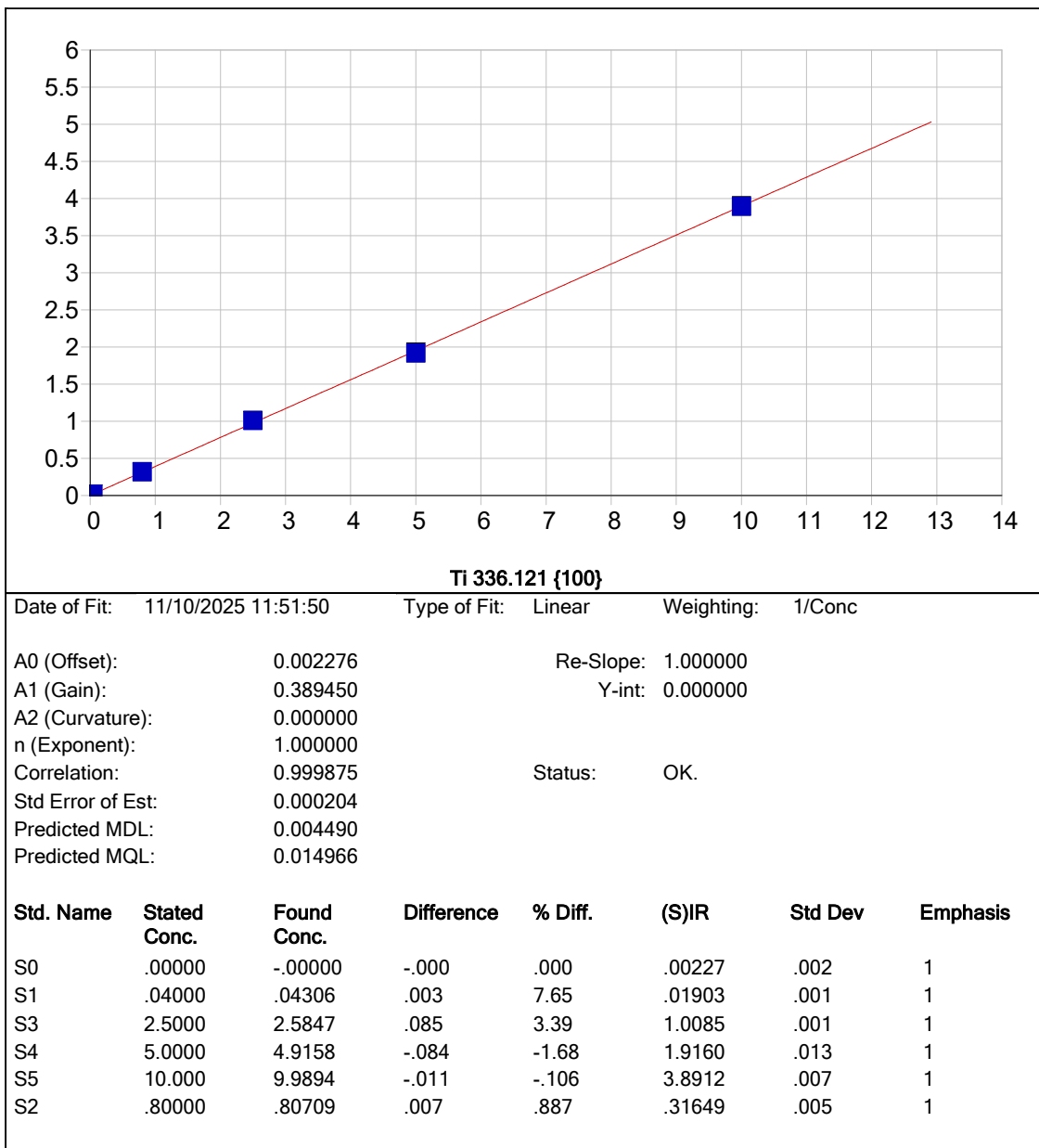


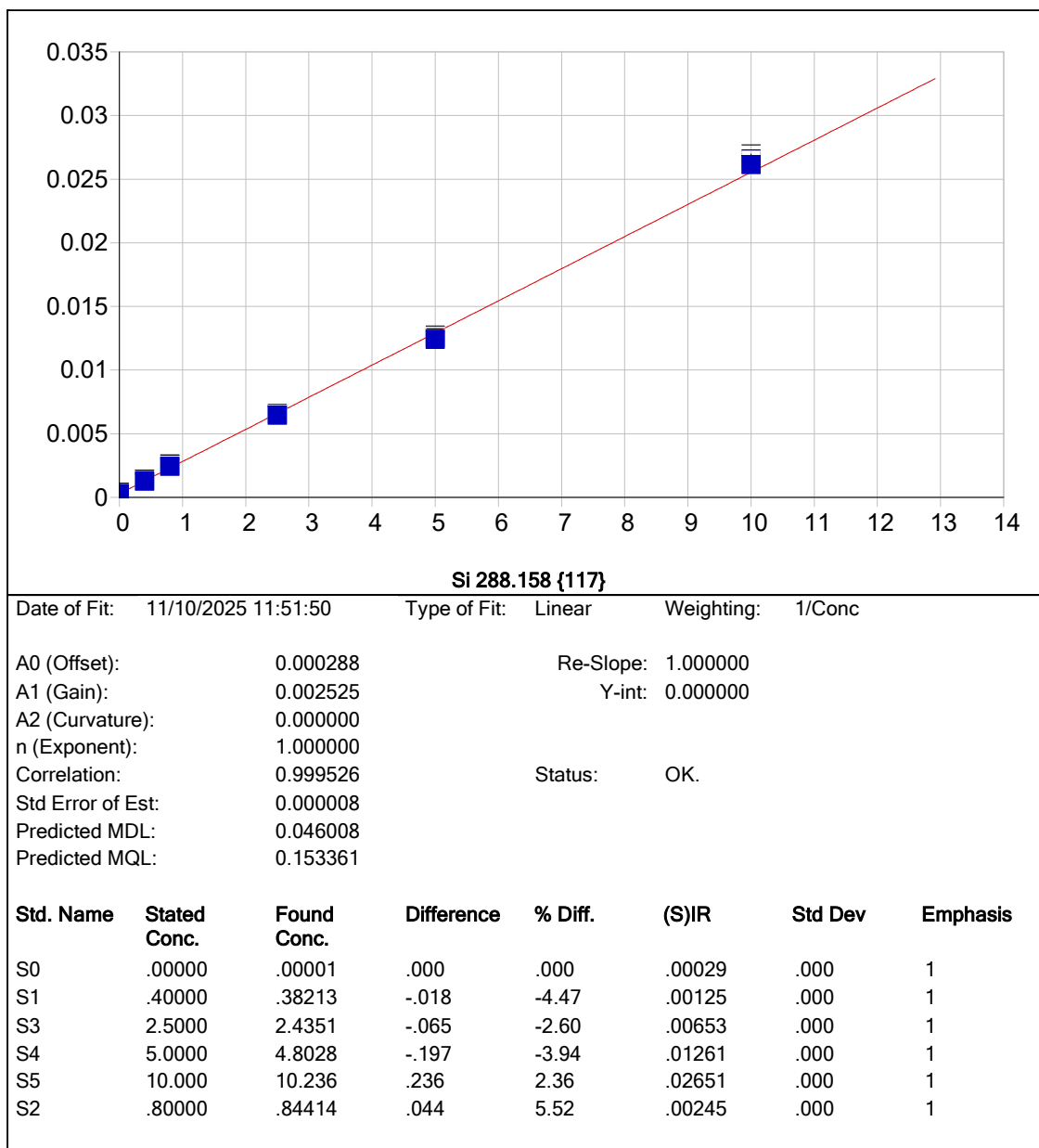
Sn 189.989 {478}

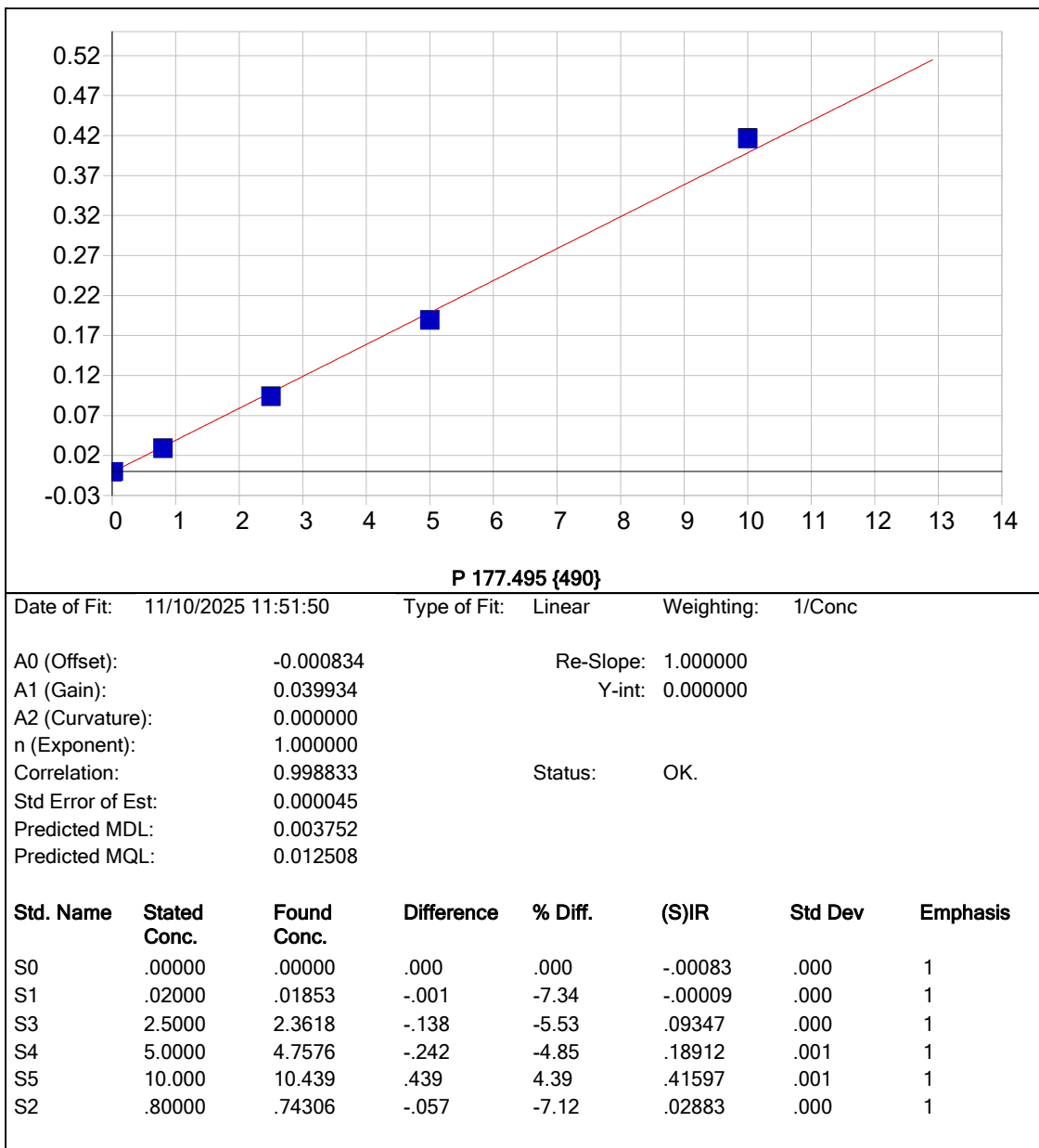
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

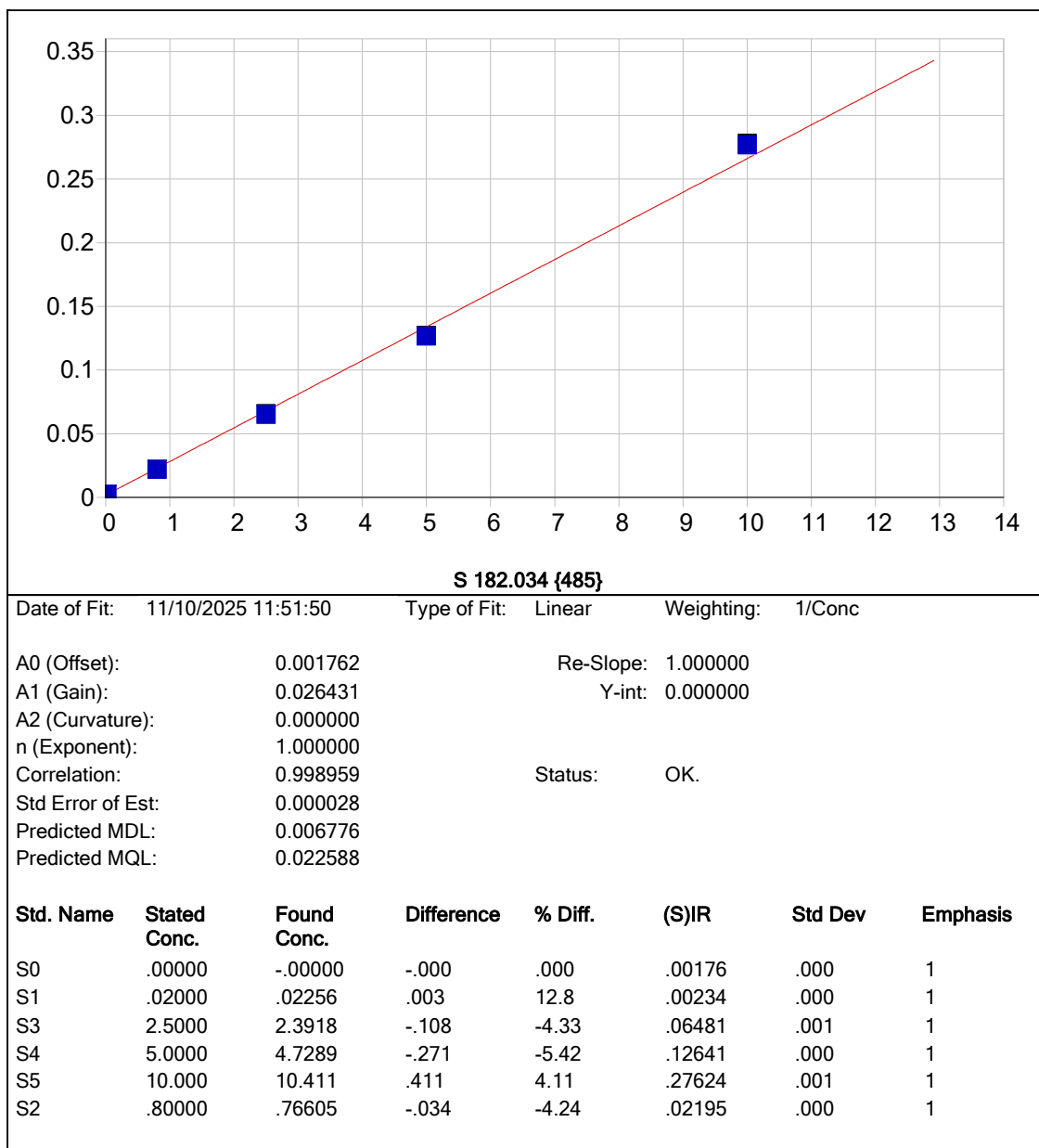
A0 (Offset): 0.000965 Re-Slope: 1.000000
A1 (Gain): 0.115202 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999741 Status: OK.
Std Error of Est: 0.000087
Predicted MDL: 0.001617
Predicted MQL: 0.005389

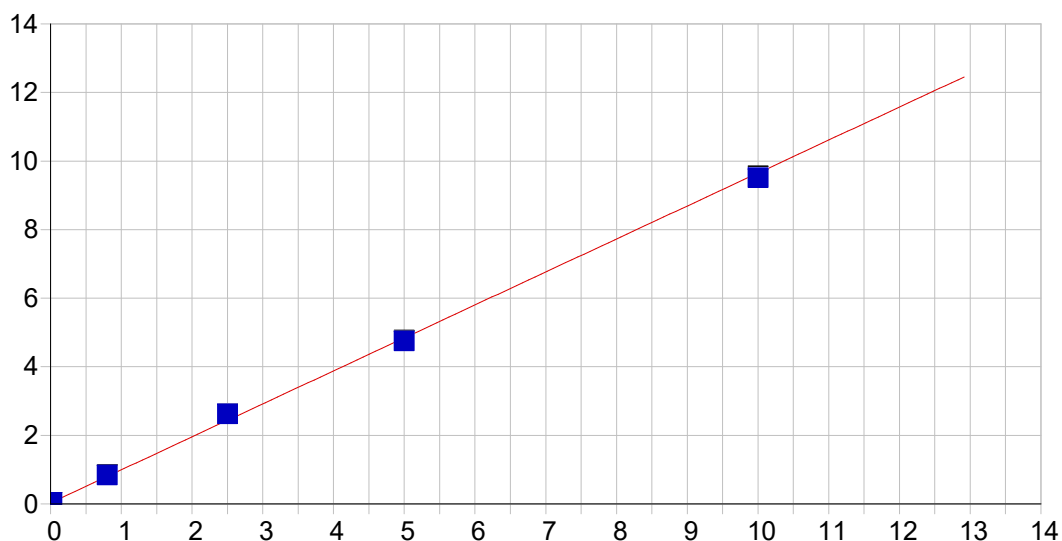
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.04000	.03895	-.001	-2.62	.00545	.000	1
S3	2.5000	2.4643	-.036	-1.43	.28456	.001	1
S4	5.0000	4.8543	-.146	-2.91	.55960	.001	1
S5	10.000	10.204	.204	2.04	1.1753	.002	1
S2	.80000	.77885	-.021	-2.64	.09060	.000	1









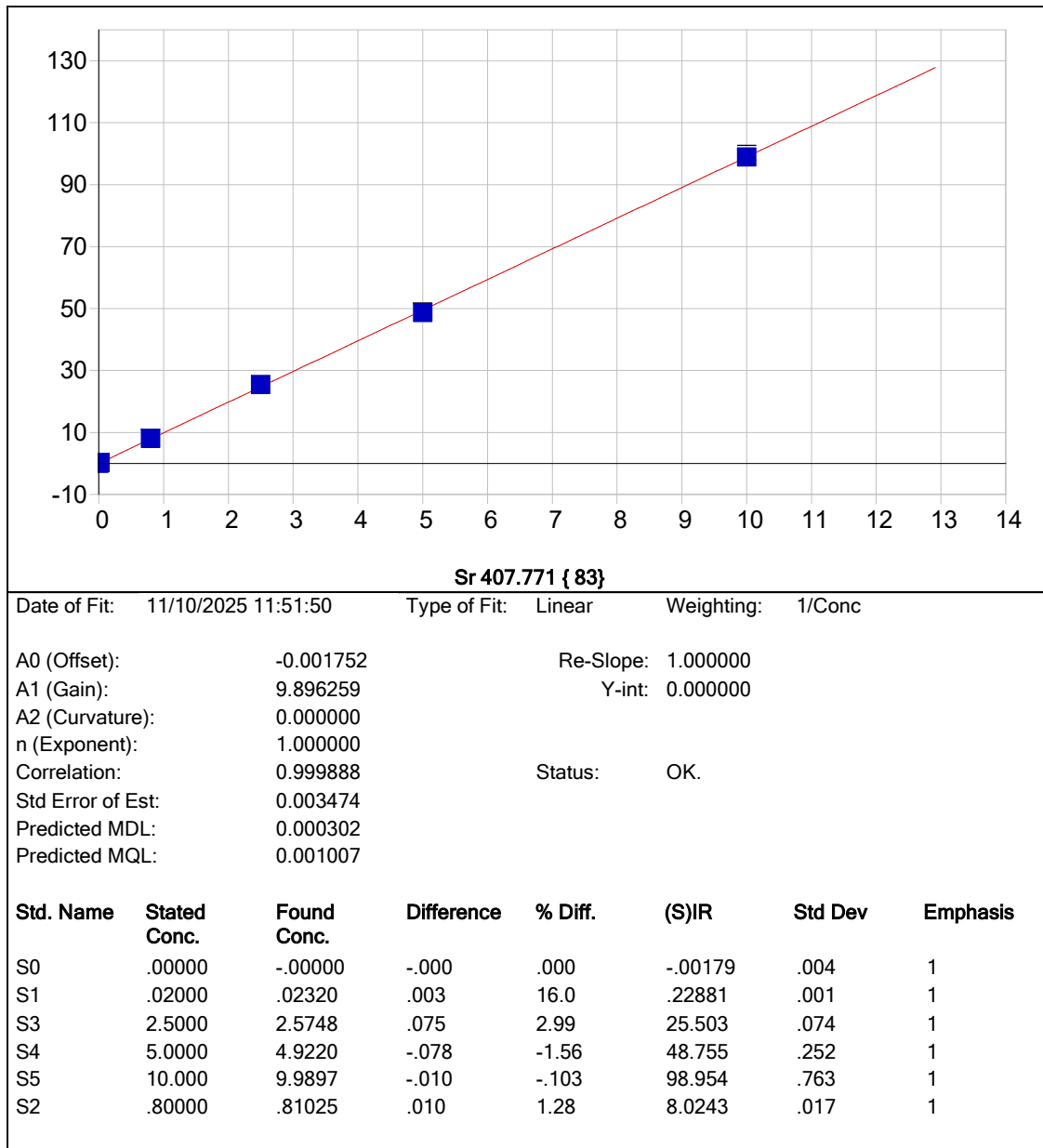


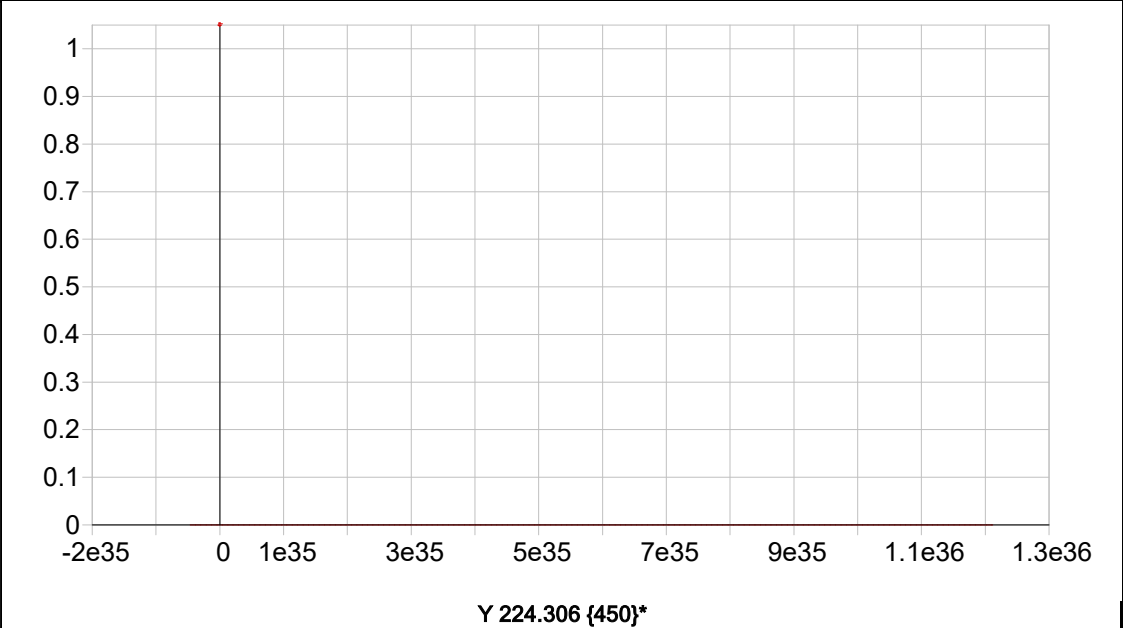
Li 670.784 { 50}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032142 Re-Slope: 1.000000
A1 (Gain): 0.961849 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999408 Status: OK.
Std Error of Est: 0.000777
Predicted MDL: 0.005421
Predicted MQL: 0.018069

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03214	.008	1
S5	10.000	9.8544	-.146	-1.46	9.5183	.046	1
S4	5.0000	4.9052	-.095	-1.90	4.7541	.021	1
S3	2.5000	2.6975	.197	7.90	2.6286	.007	1
S1	.02000	.02104	.001	5.19	.05271	.005	1
S2	.80000	.84185	.042	5.23	.84249	.004	1

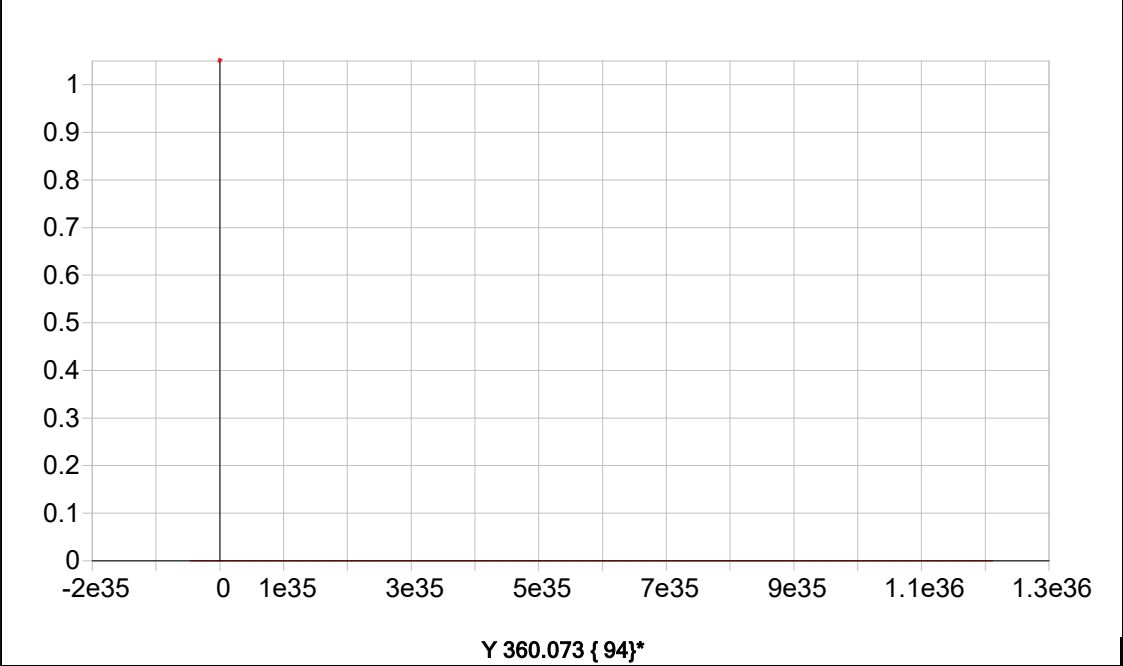




Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

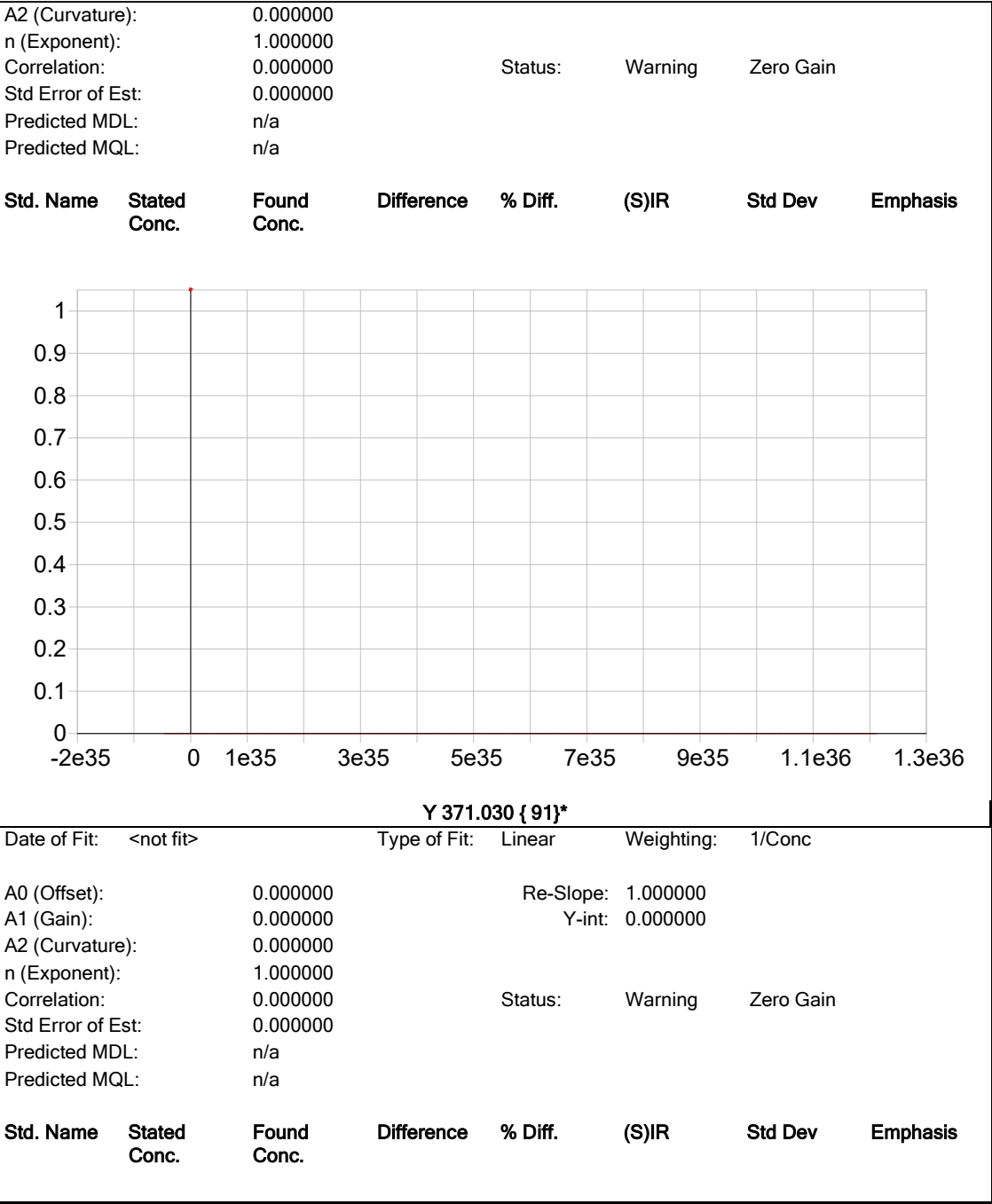
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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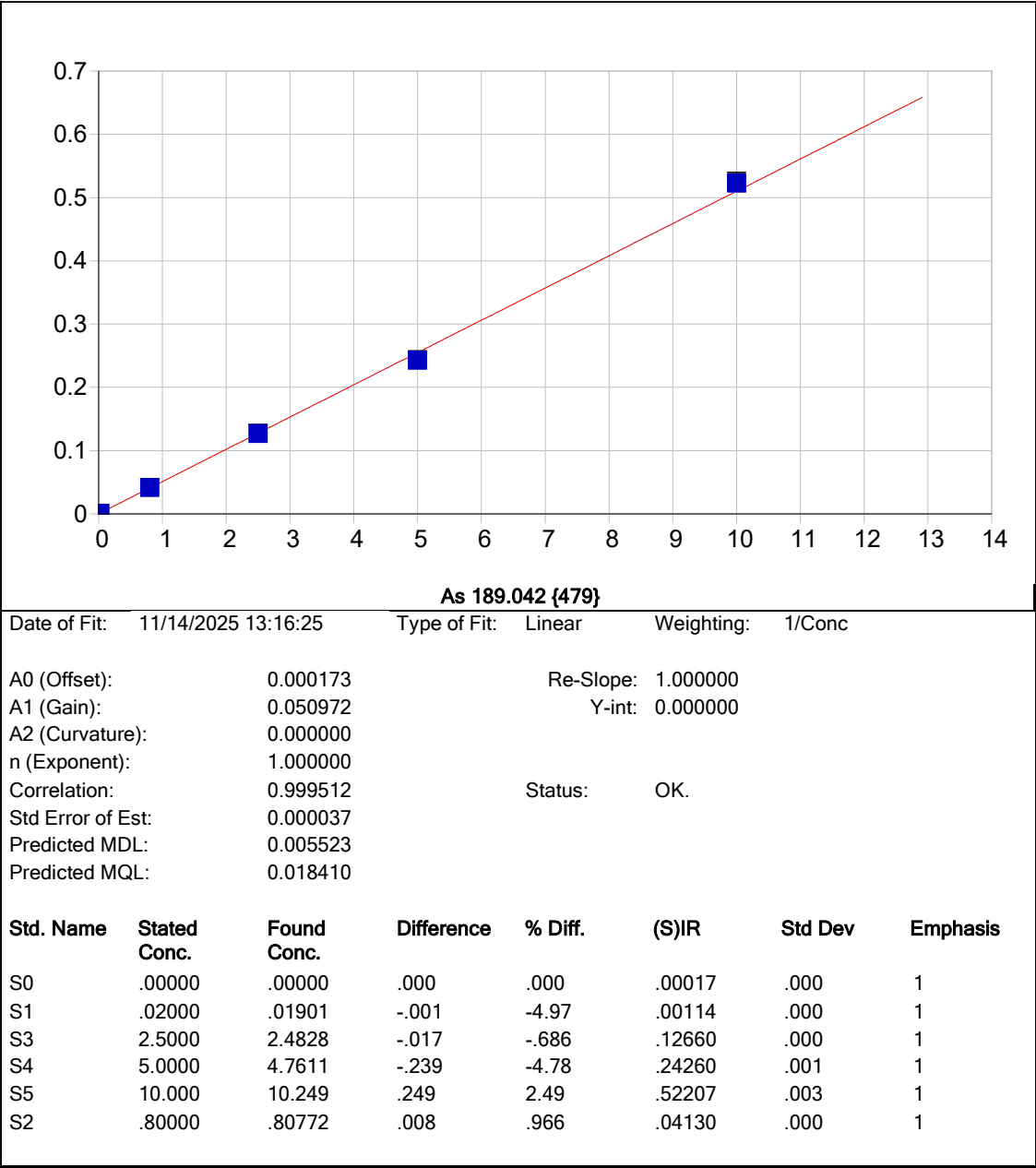


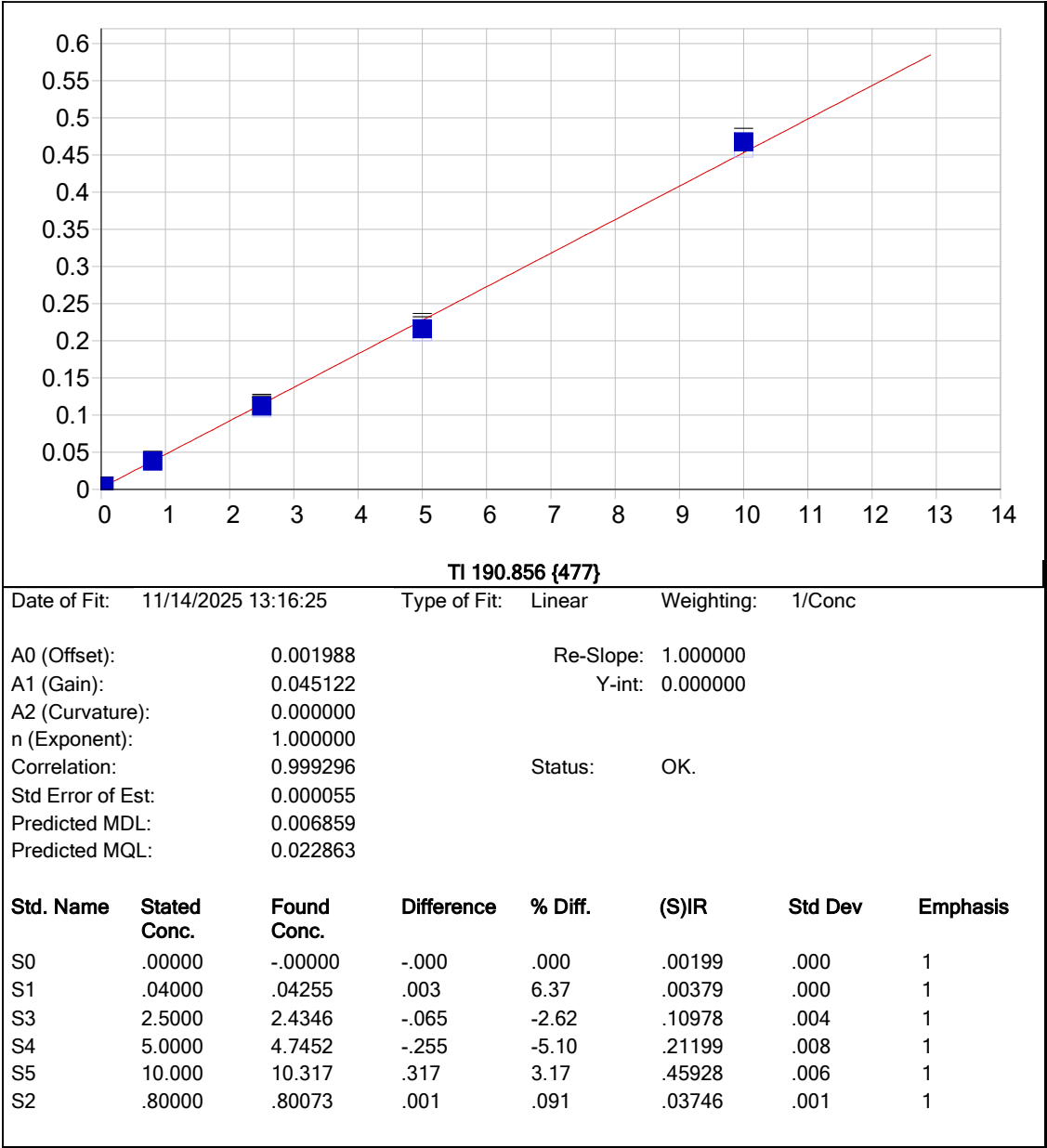
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

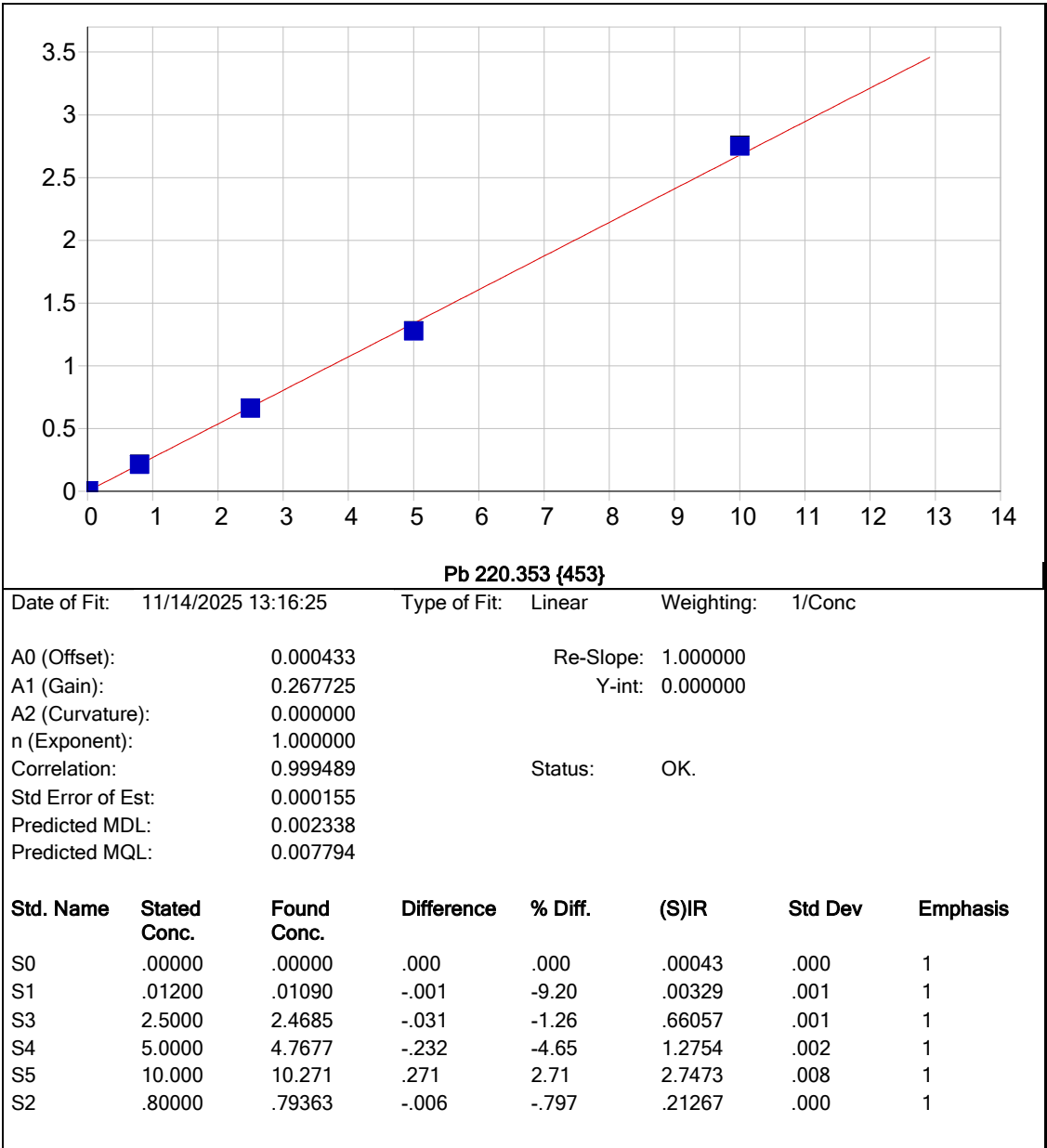
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000

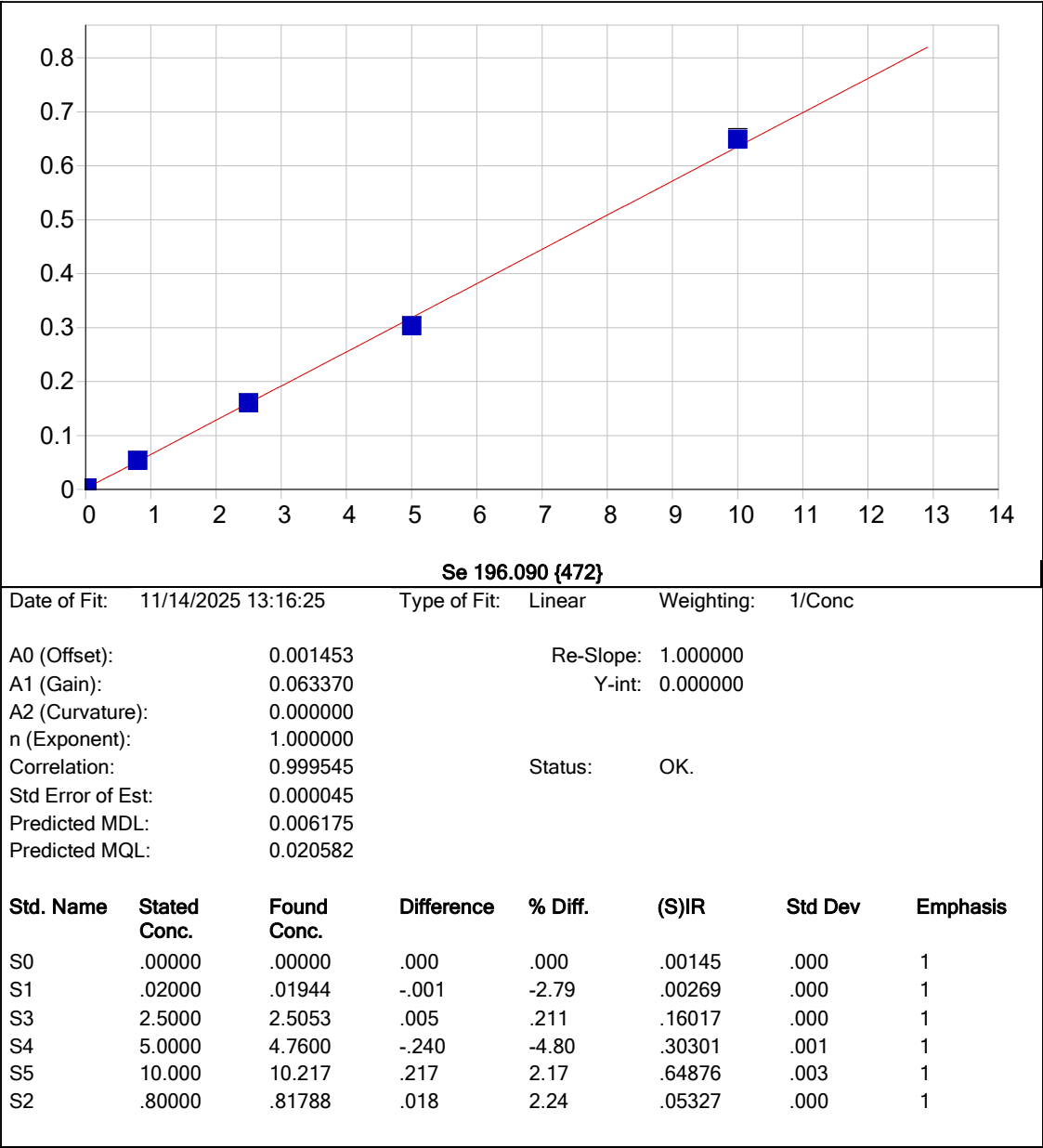


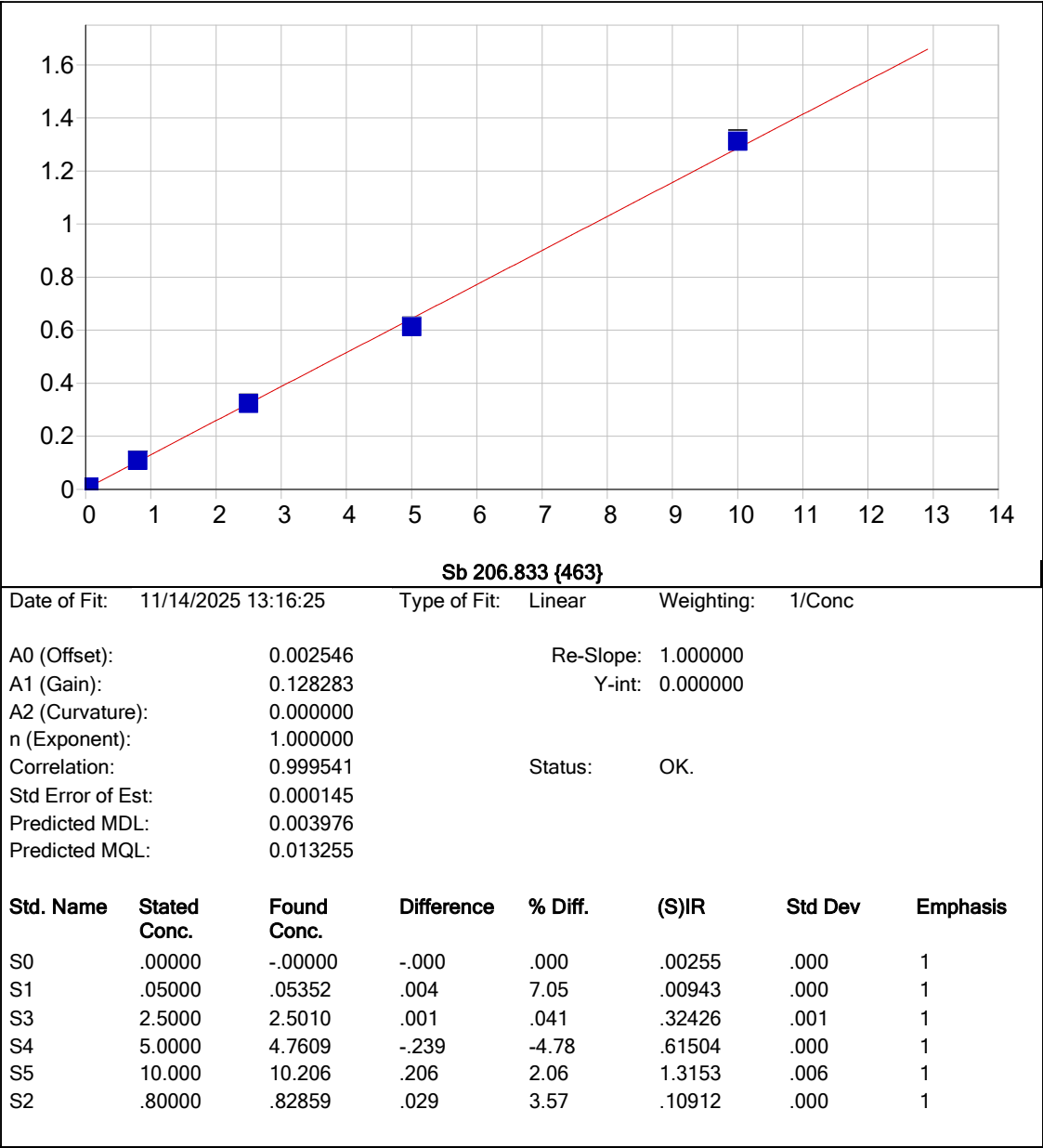
A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

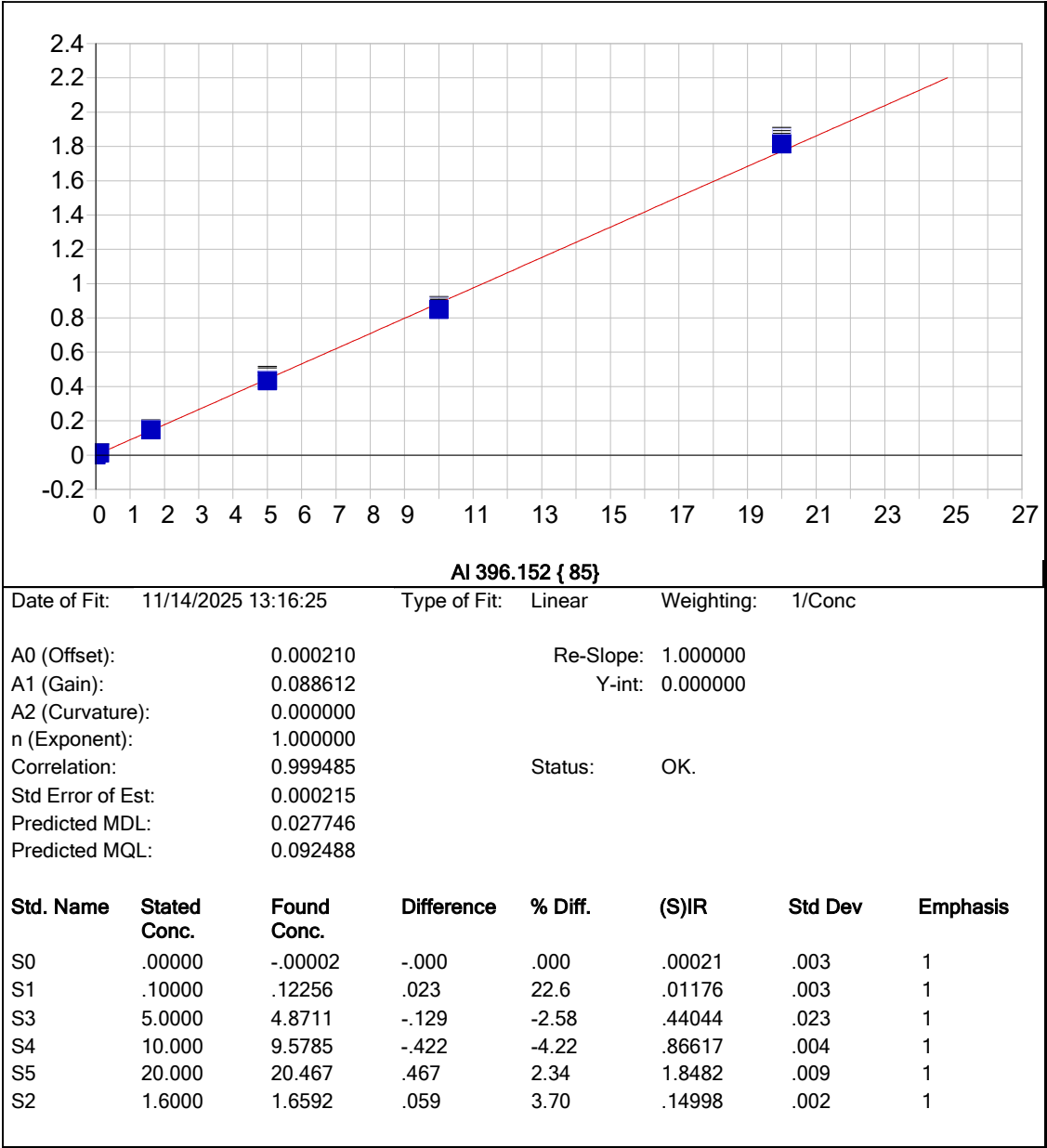


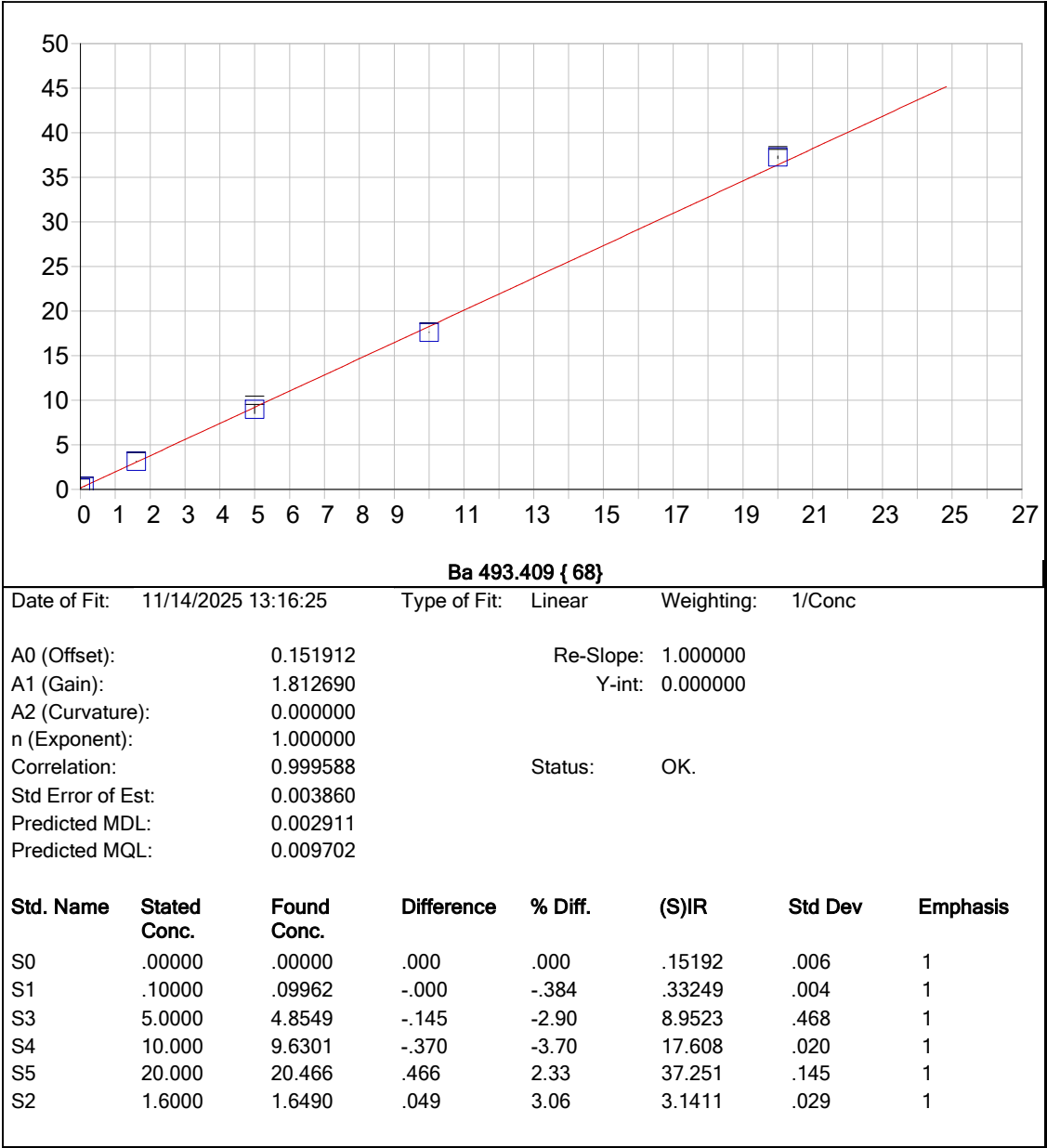


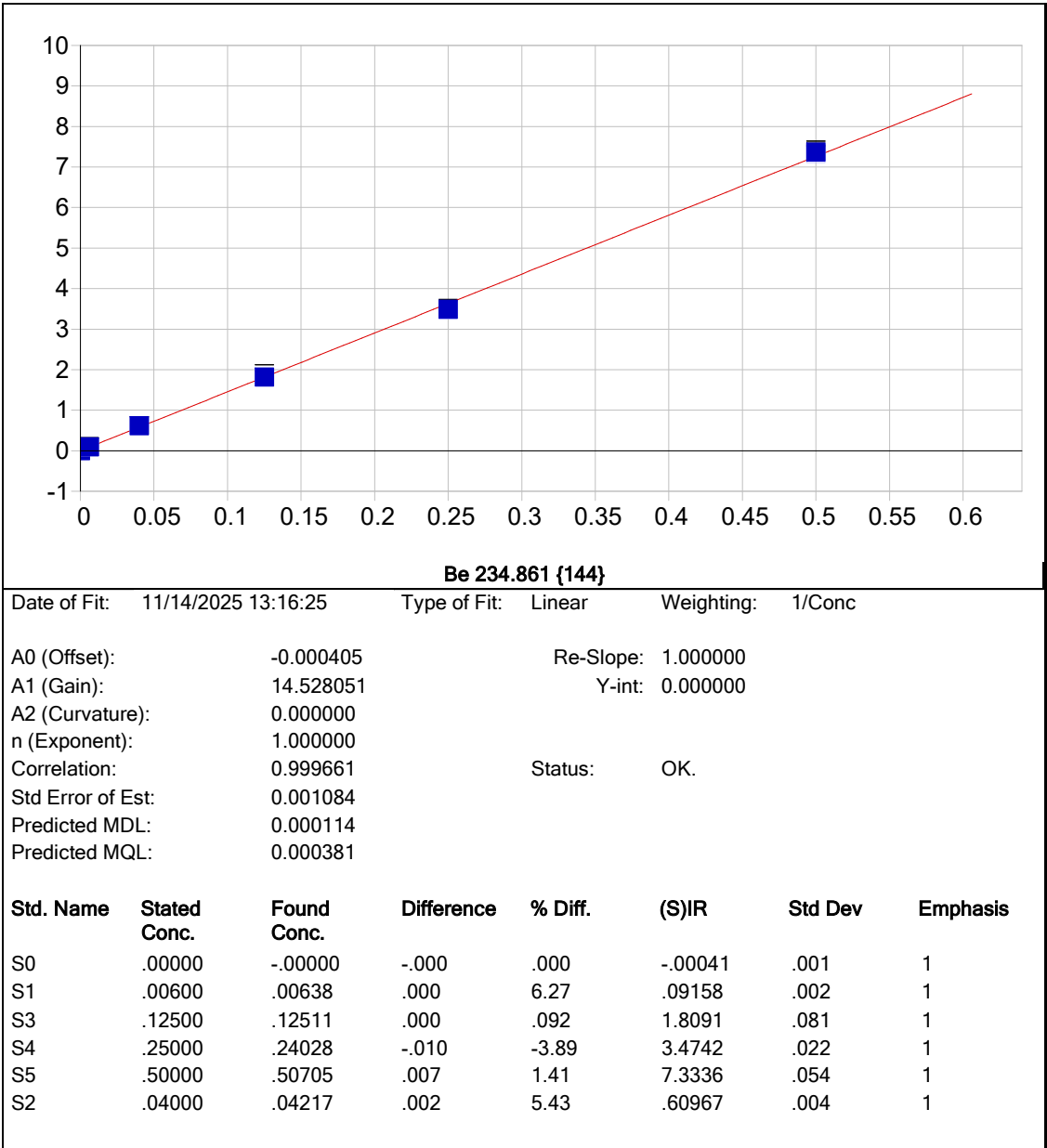


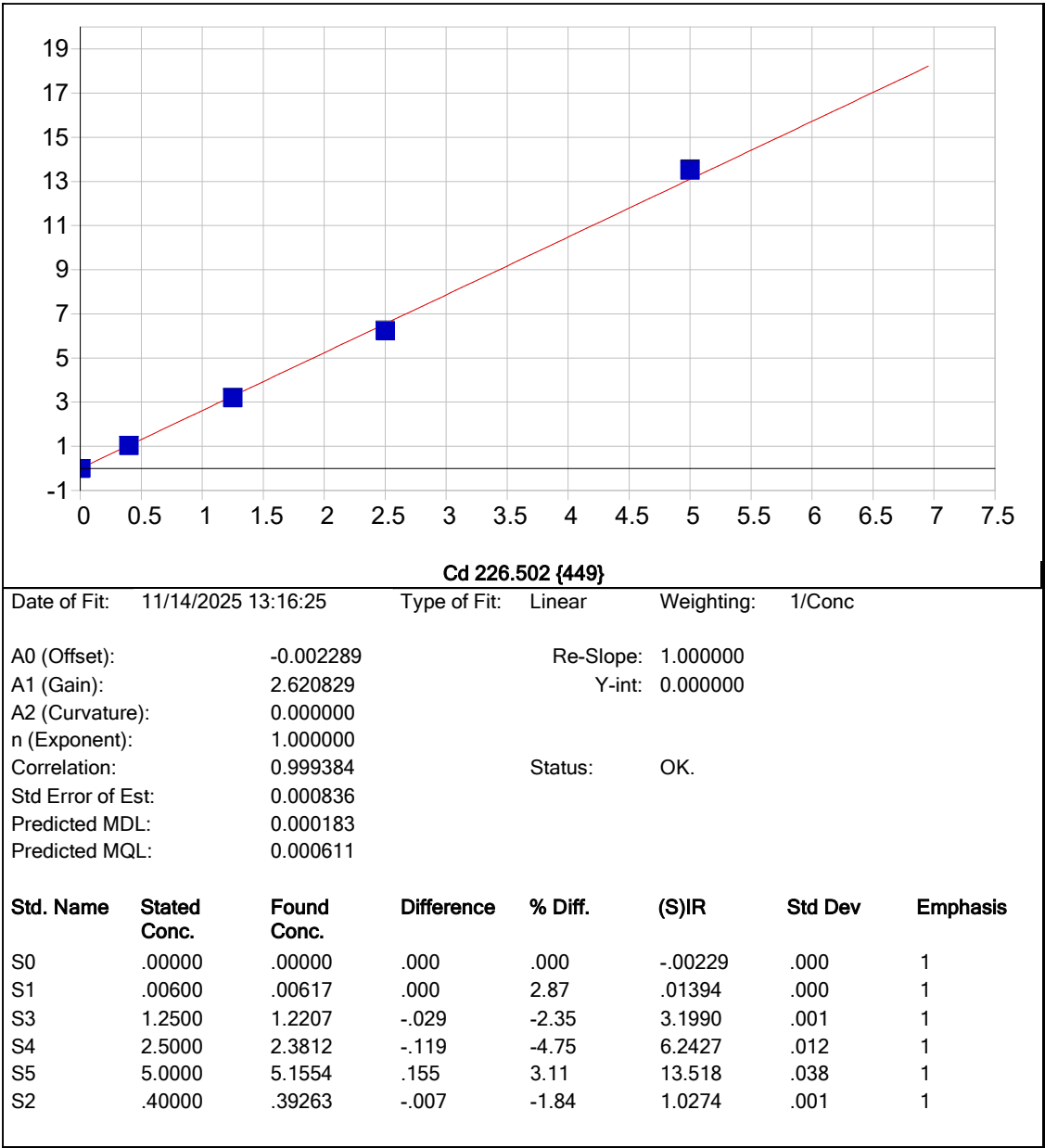


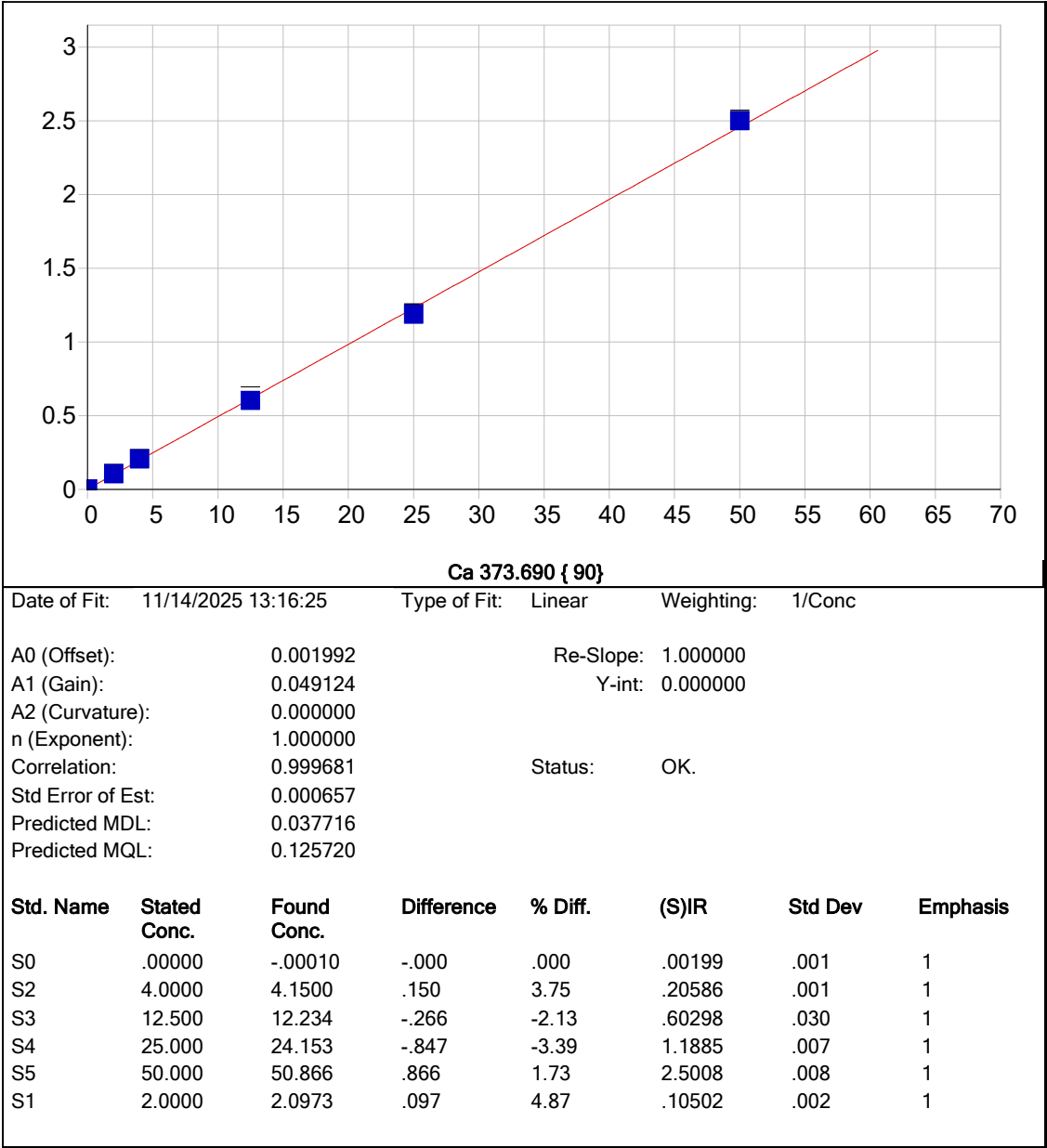


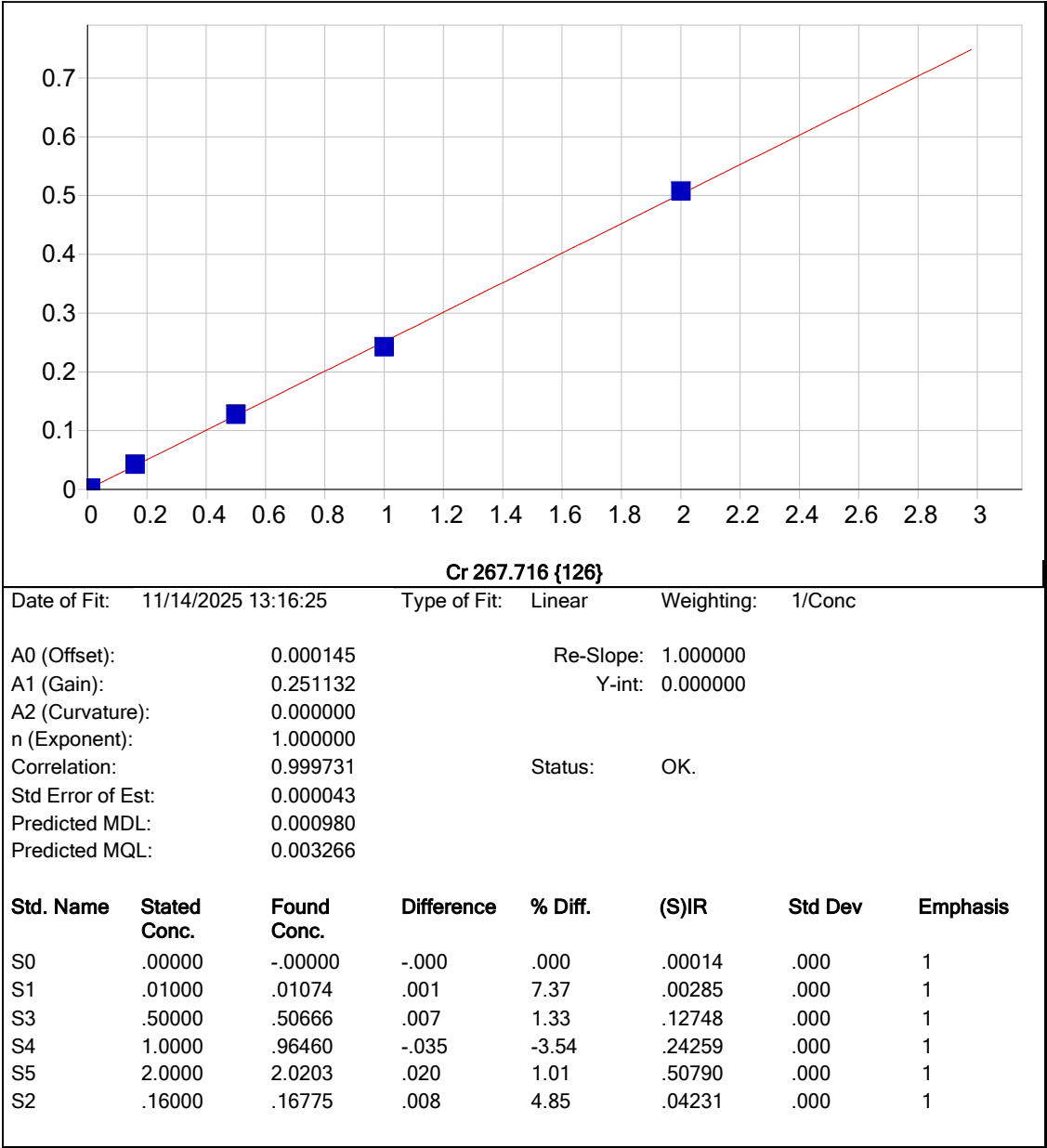


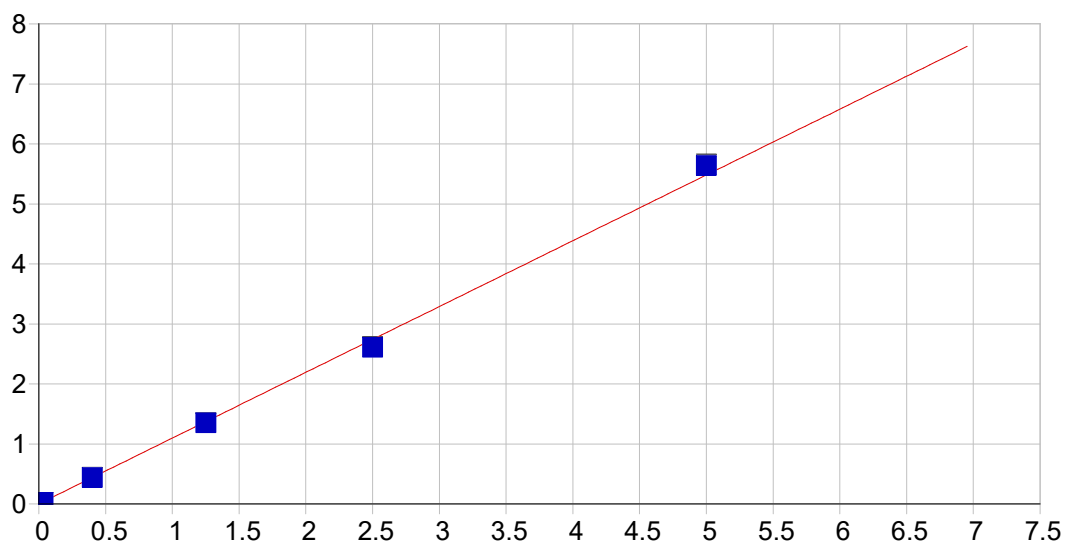












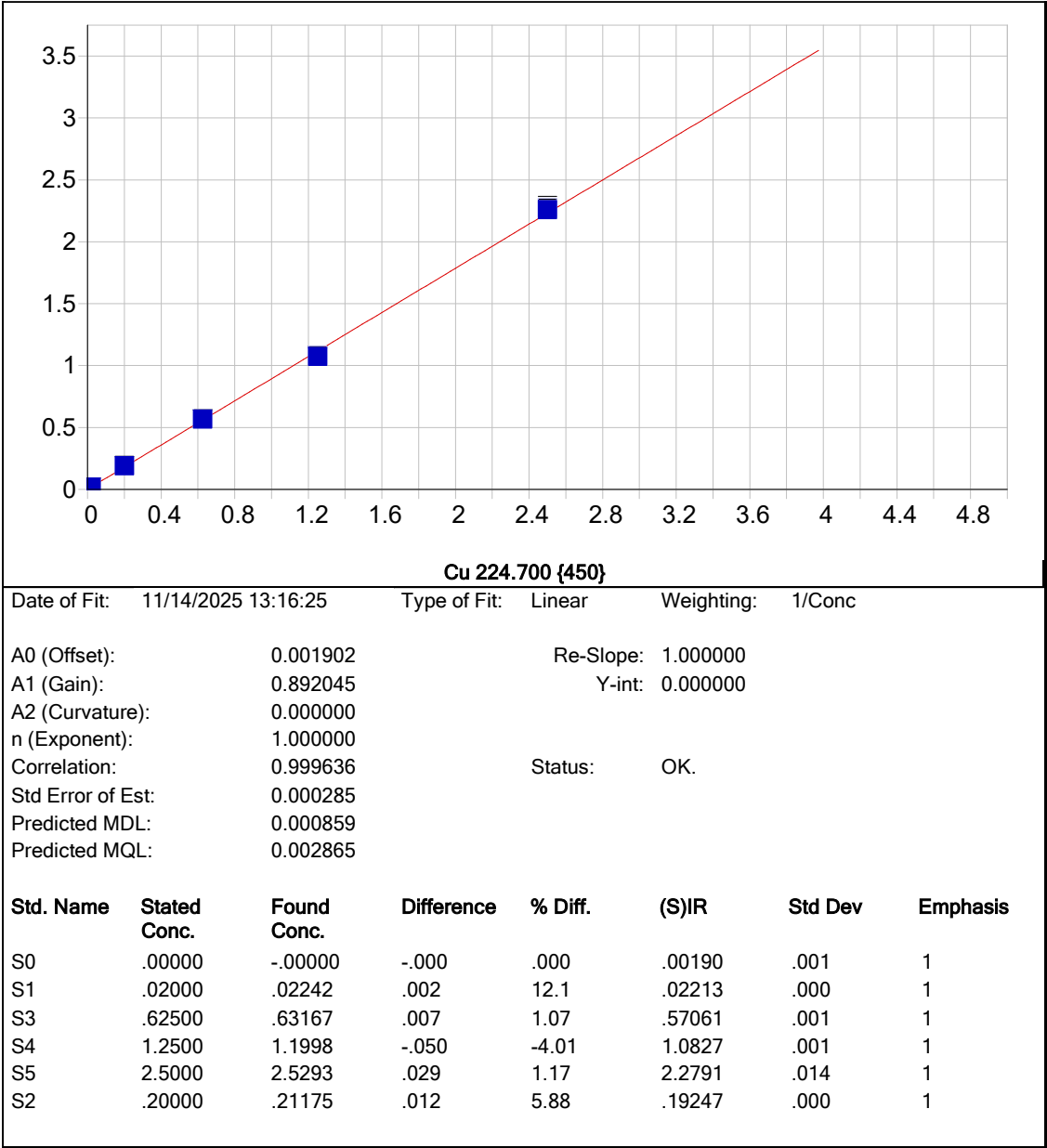
Co 228.616 {448}

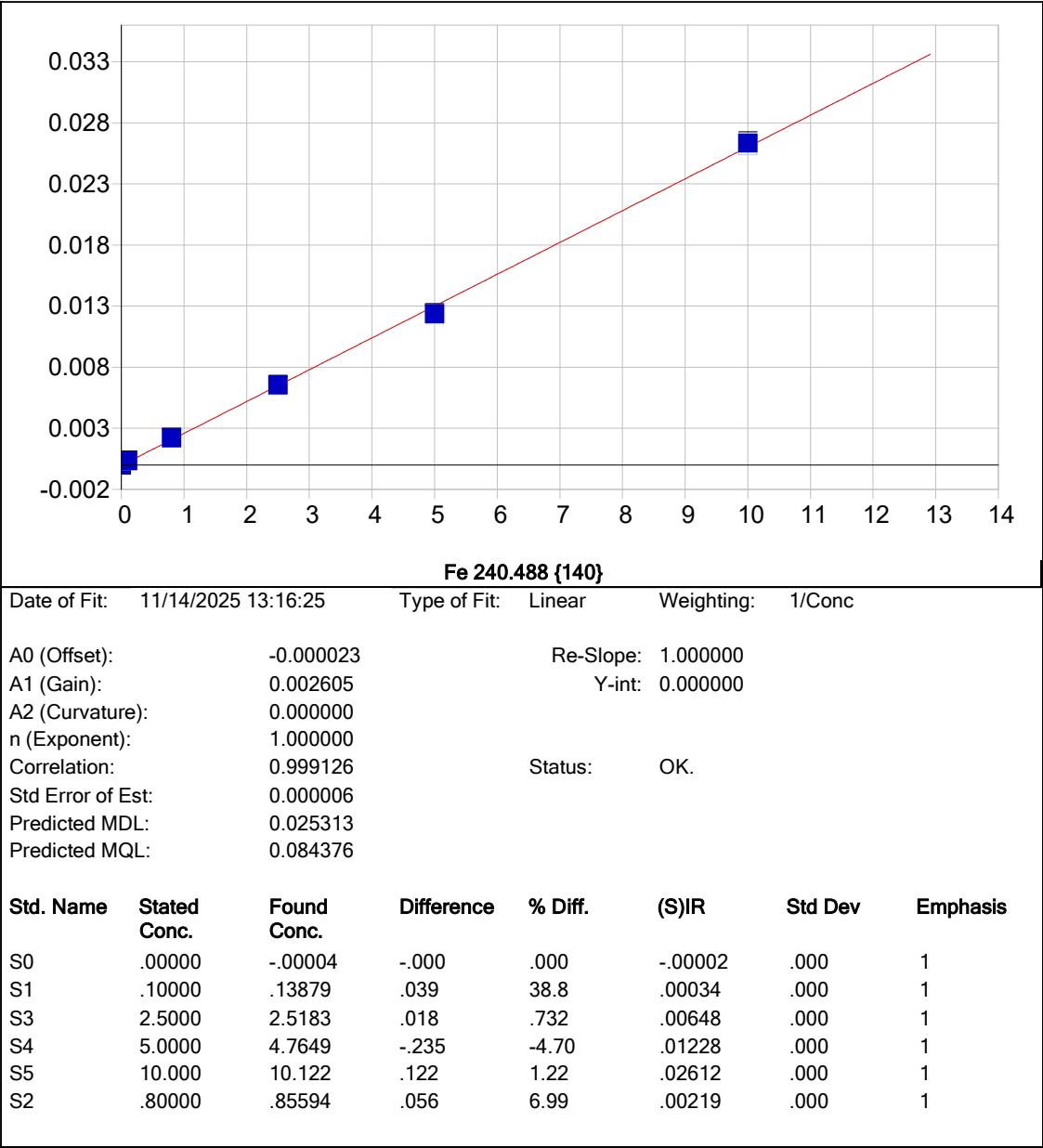
Date of Fit:	11/14/2025 13:16:25	Type of Fit:	Linear	Weighting:	1/Conc
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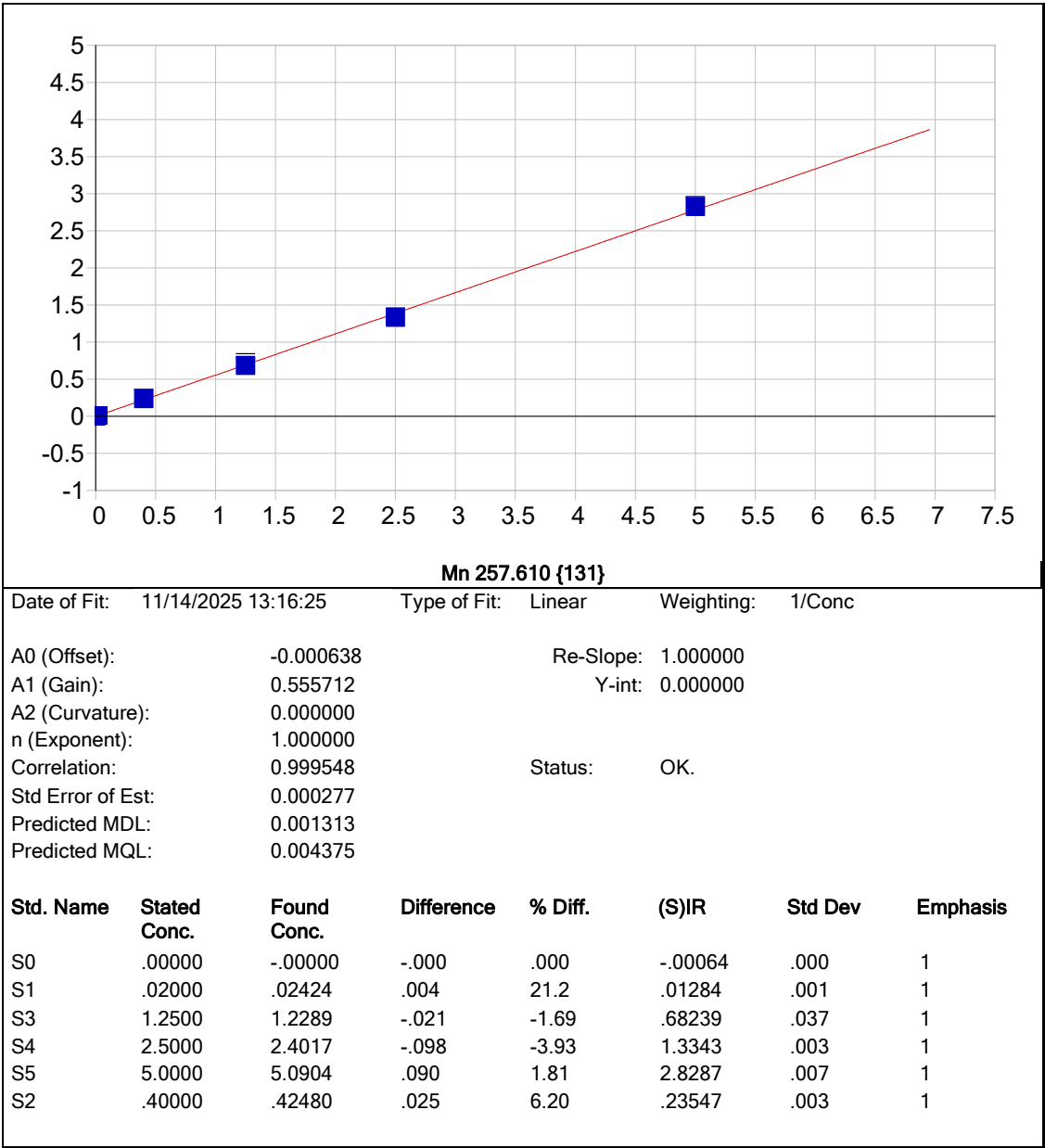
A0 (Offset):	0.000545	Re-Slope:	1.000000
A1 (Gain):	1.096464	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999447	Status:	OK.
Std Error of Est:	0.000742		
Predicted MDL:	0.000408		
Predicted MQL:	0.001360		

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)/IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.03000	.03074	.001	2.46	.03411	.000	1
S3	1.2500	1.2278	-.022	-1.78	1.3491	.001	1
S4	2.5000	2.3799	-.120	-4.81	2.6146	.007	1
S5	5.0000	5.1416	.142	2.83	5.6474	.018	1
S2	.40000	.40001	.000	.002	.43988	.001	1

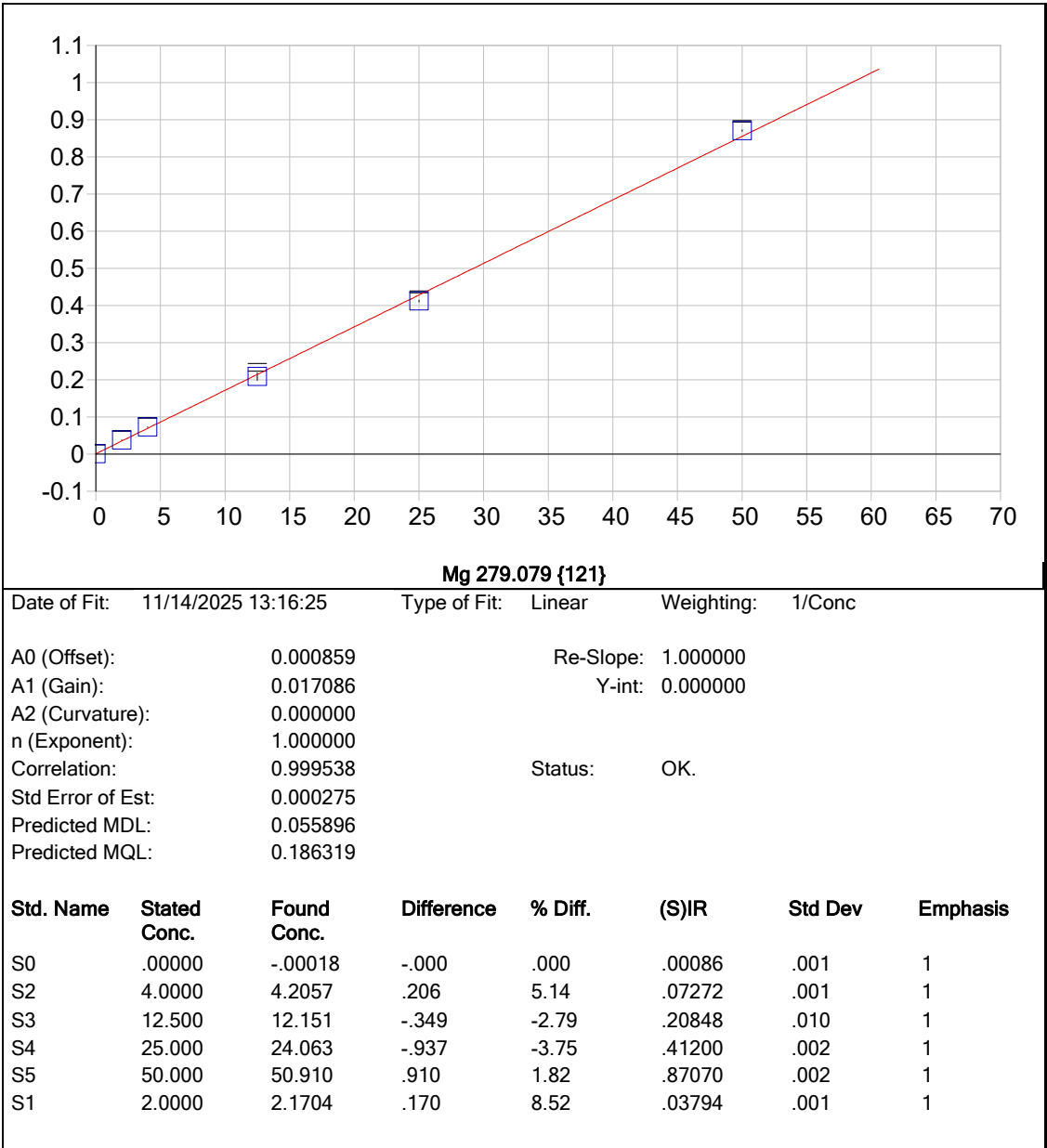






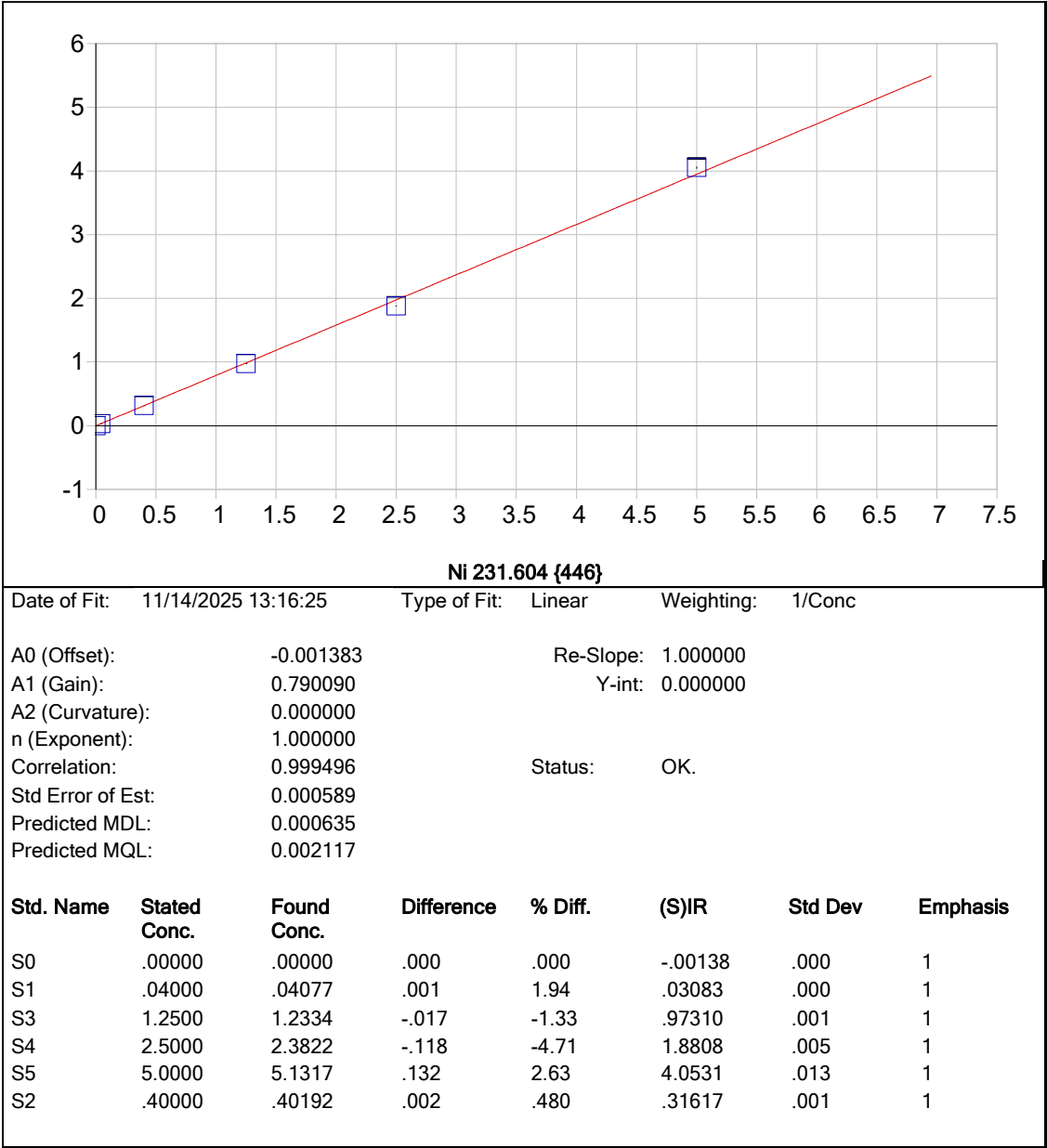
Date of Fit: 11/14/2025 13:16:25 Type of Fit: Linear Weighting: 1/Conc

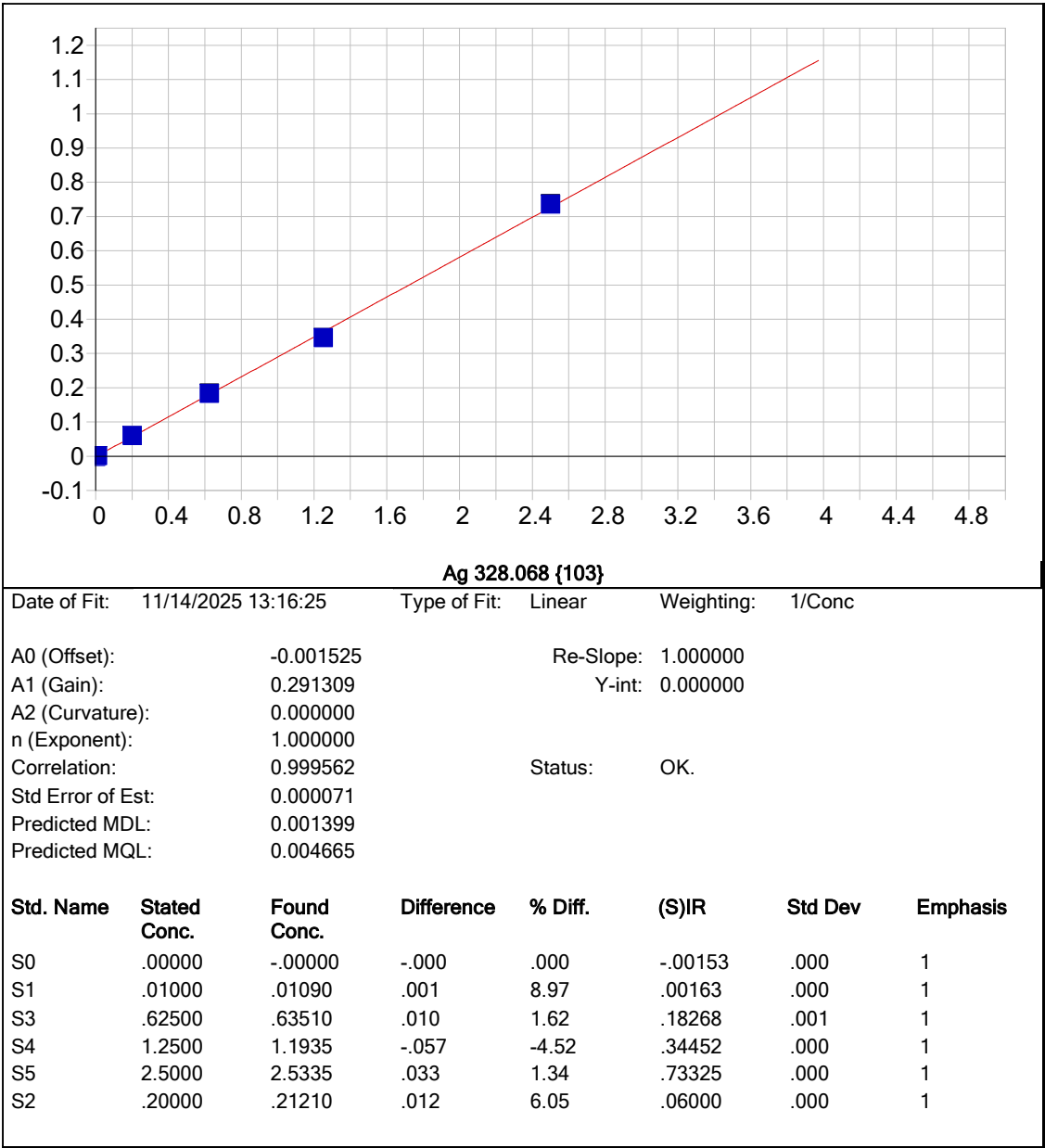
A0 (Offset): -0.000638 Re-Slope: 1.000000
A1 (Gain): 0.555712 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999548 Status: OK.
Std Error of Est: 0.000277
Predicted MDL: 0.001313
Predicted MQL: 0.004375

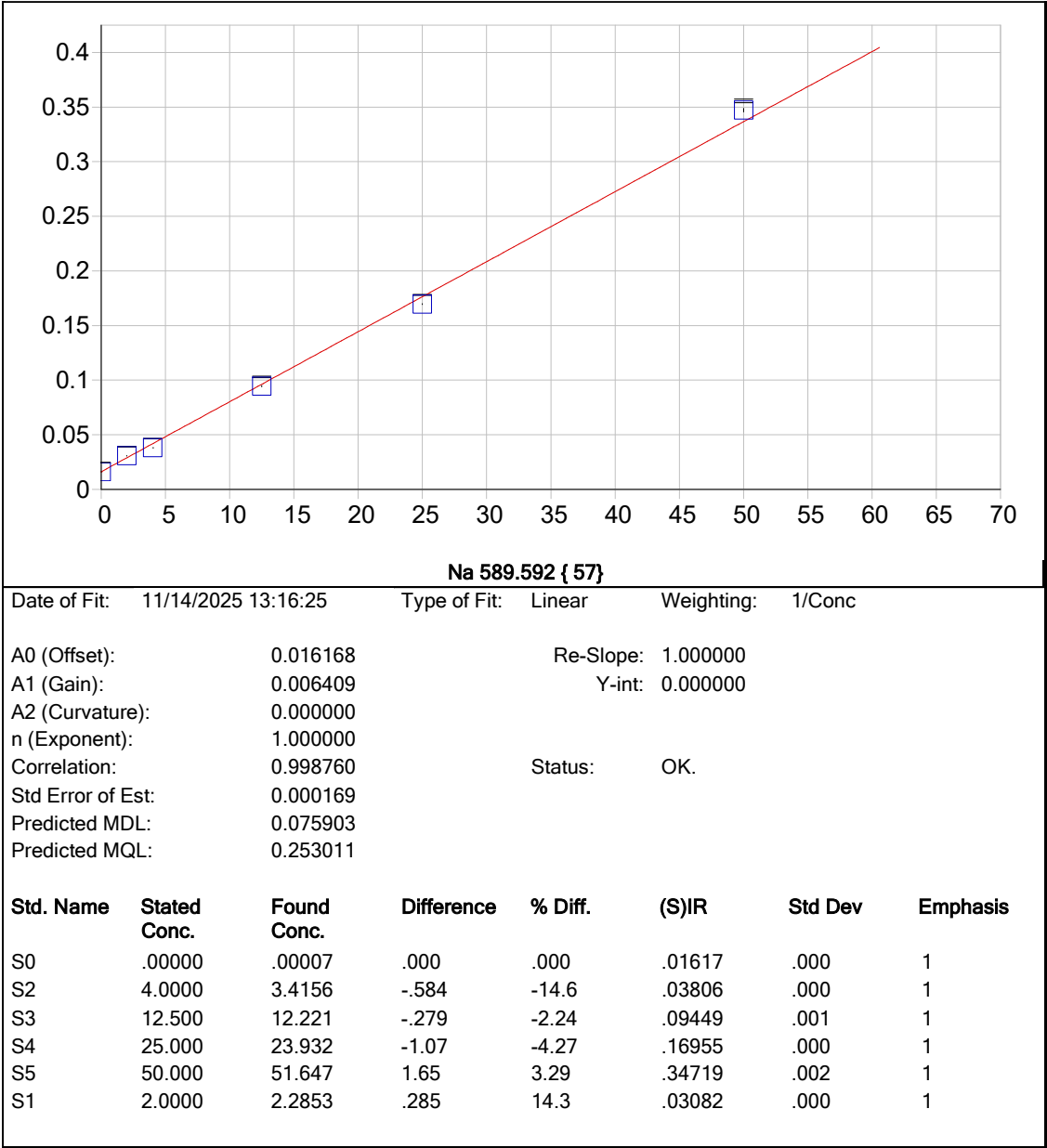


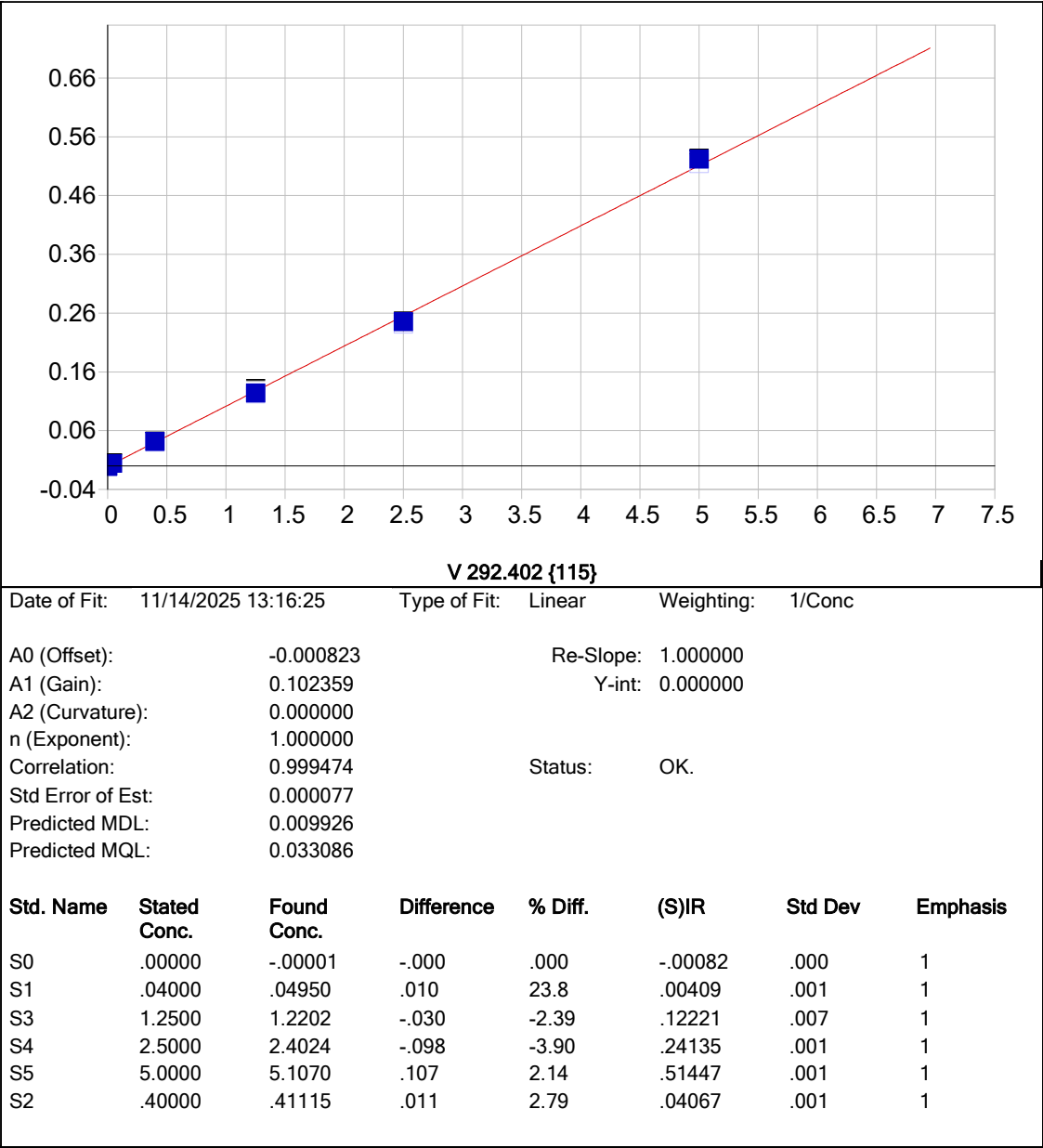
Date of Fit: 11/14/2025 13:16:25 Type of Fit: Linear Weighting: 1/Conc

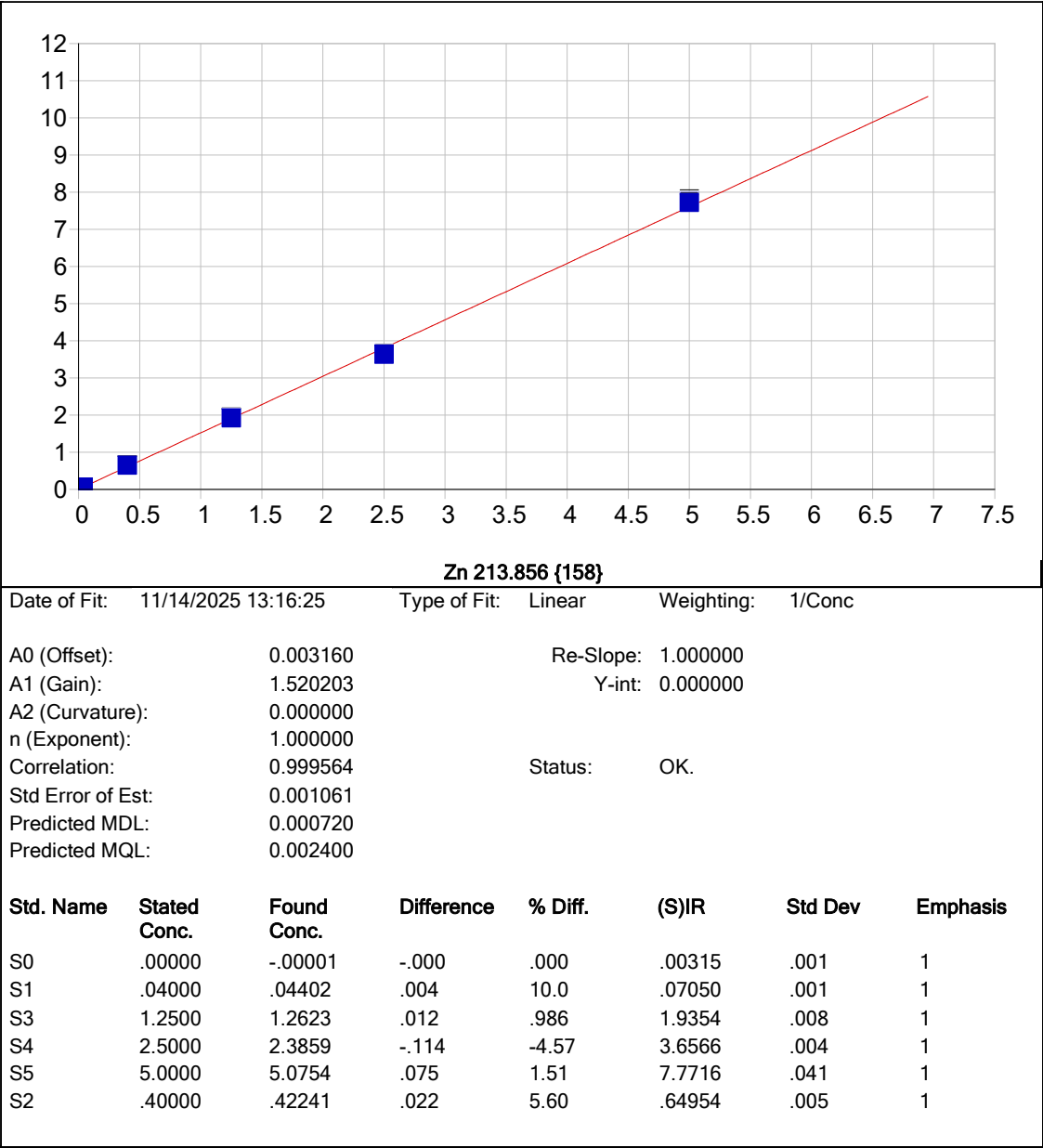
A0 (Offset): 0.000859 Re-Slope: 1.000000
A1 (Gain): 0.017086 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999538 Status: OK.
Std Error of Est: 0.000275
Predicted MDL: 0.055896
Predicted MQL: 0.186319

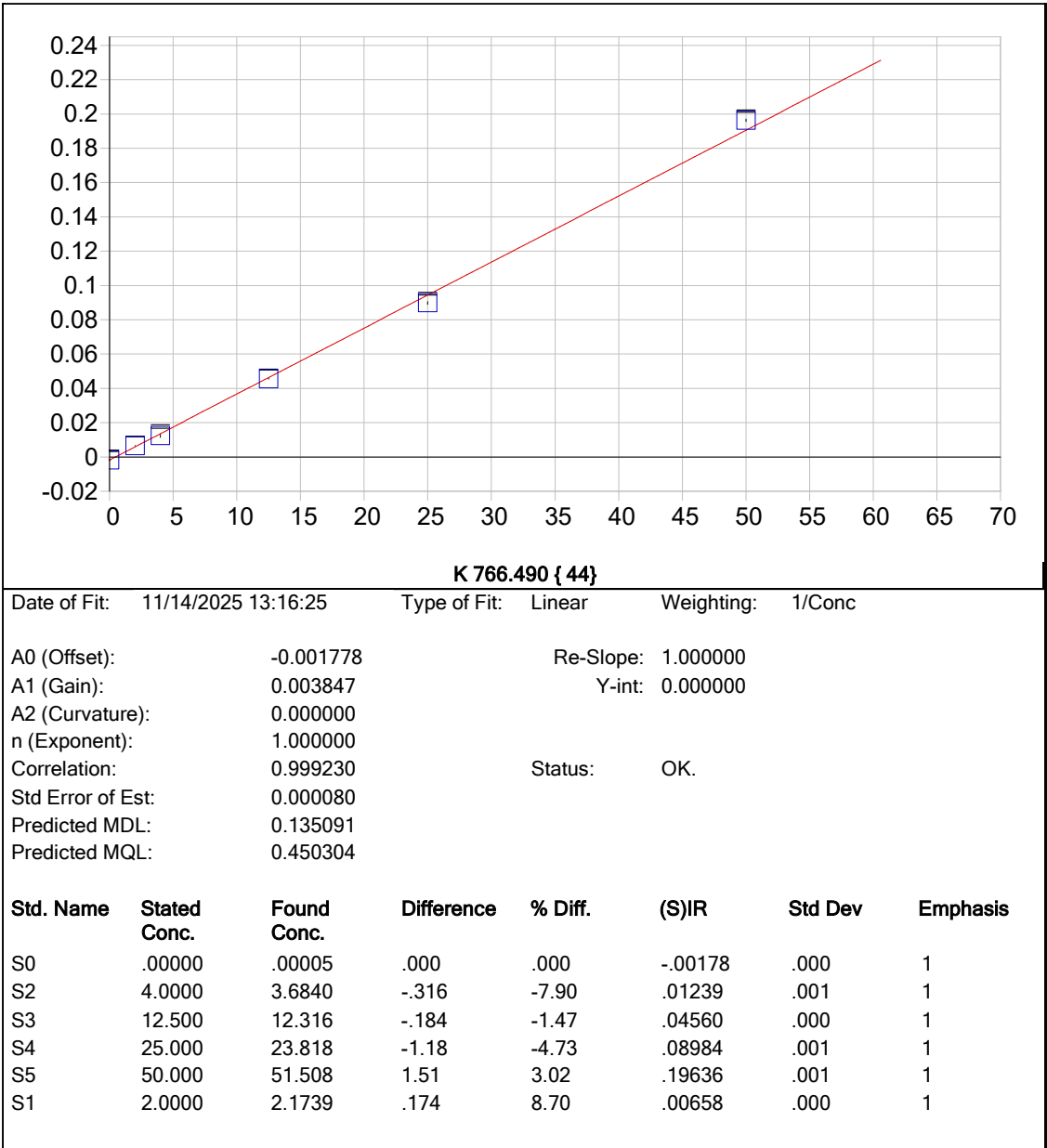






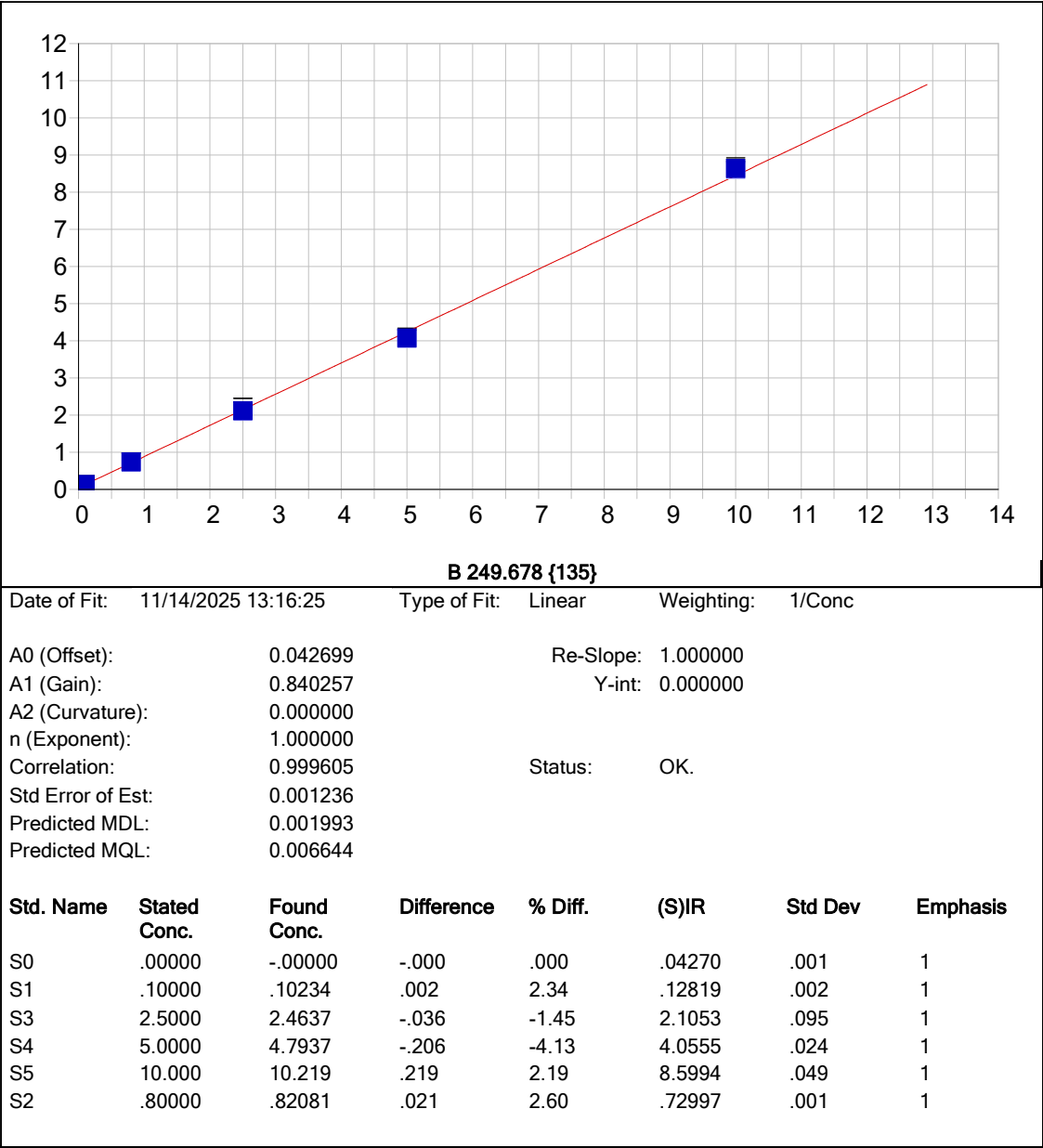


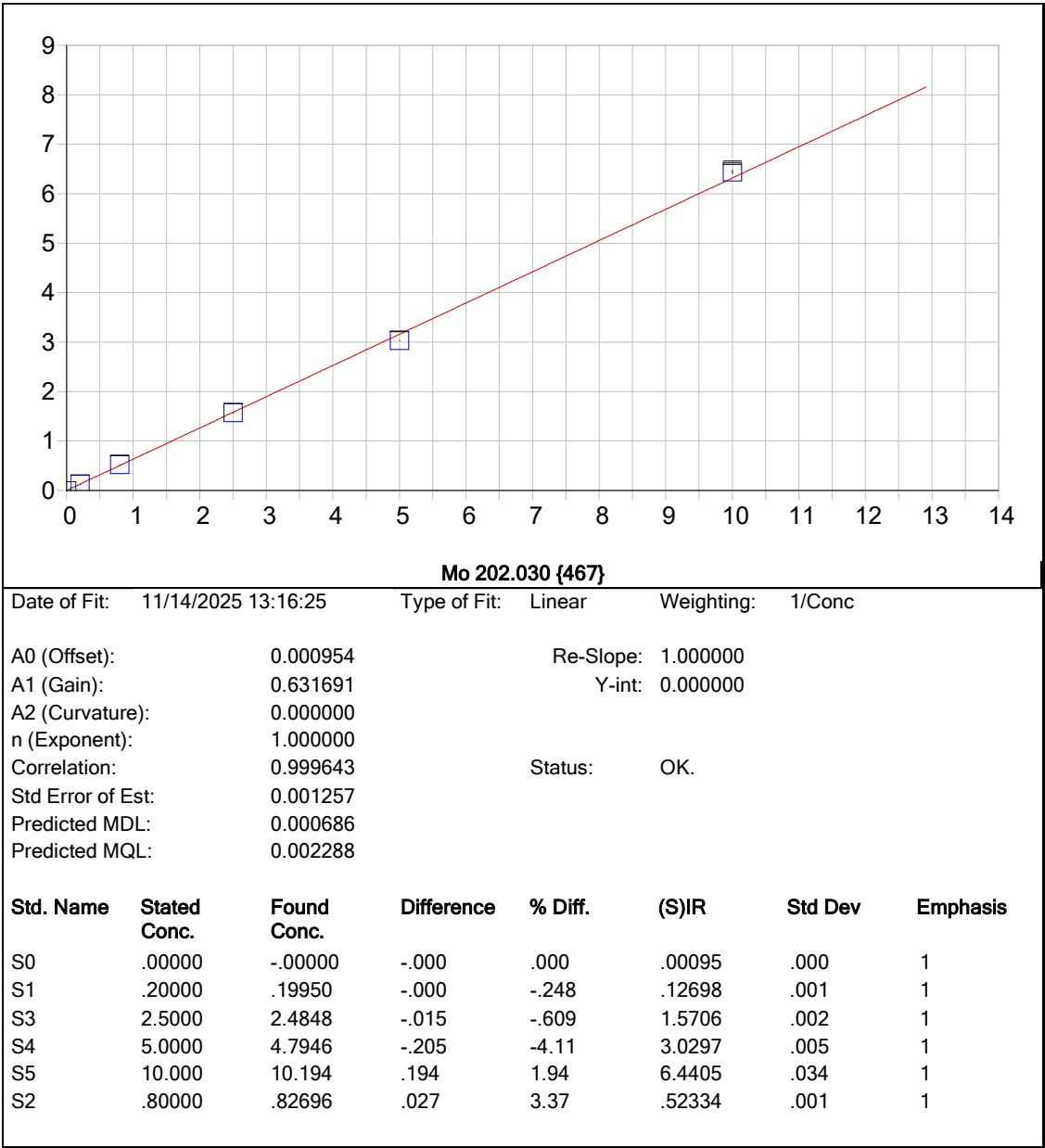


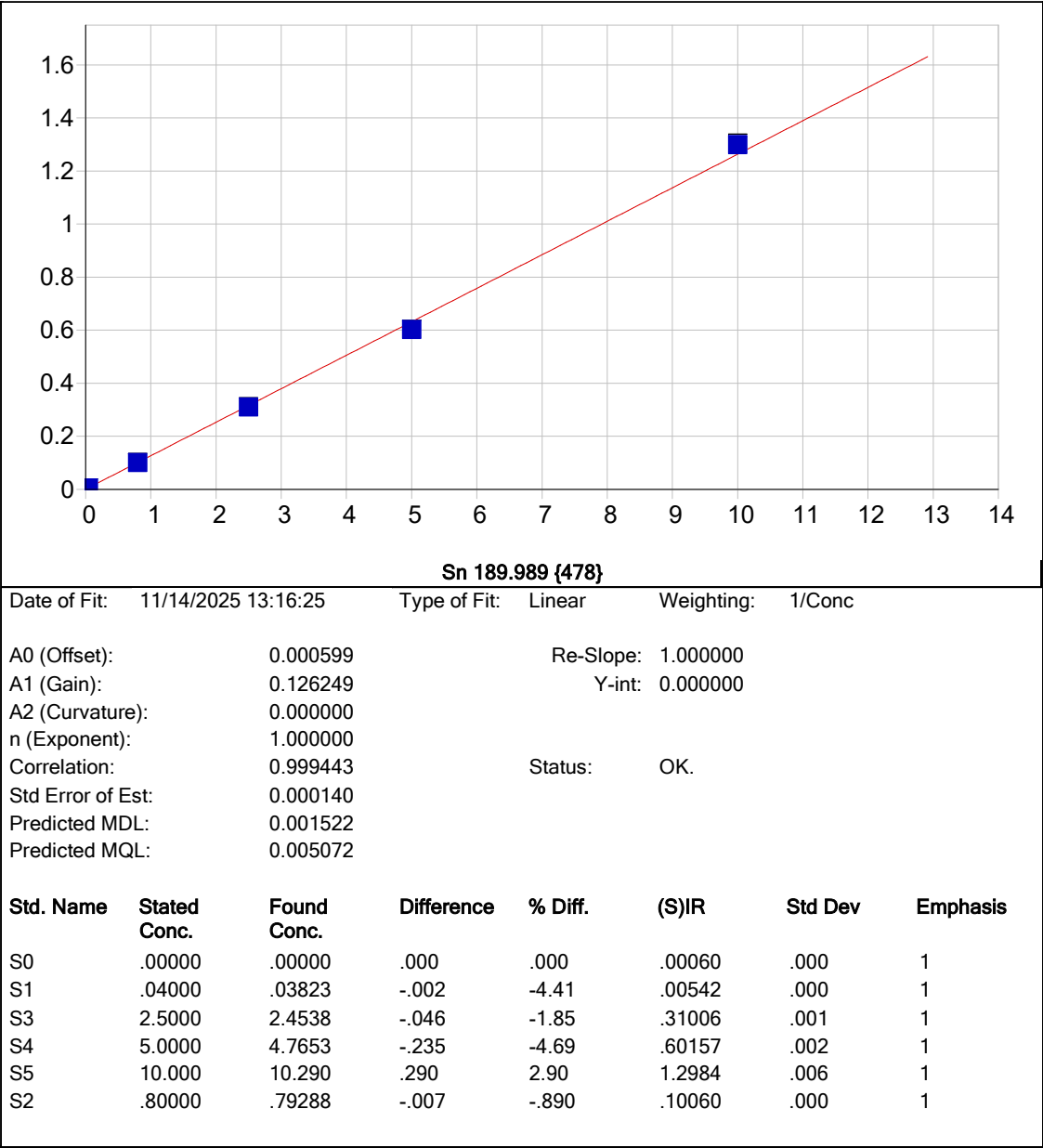


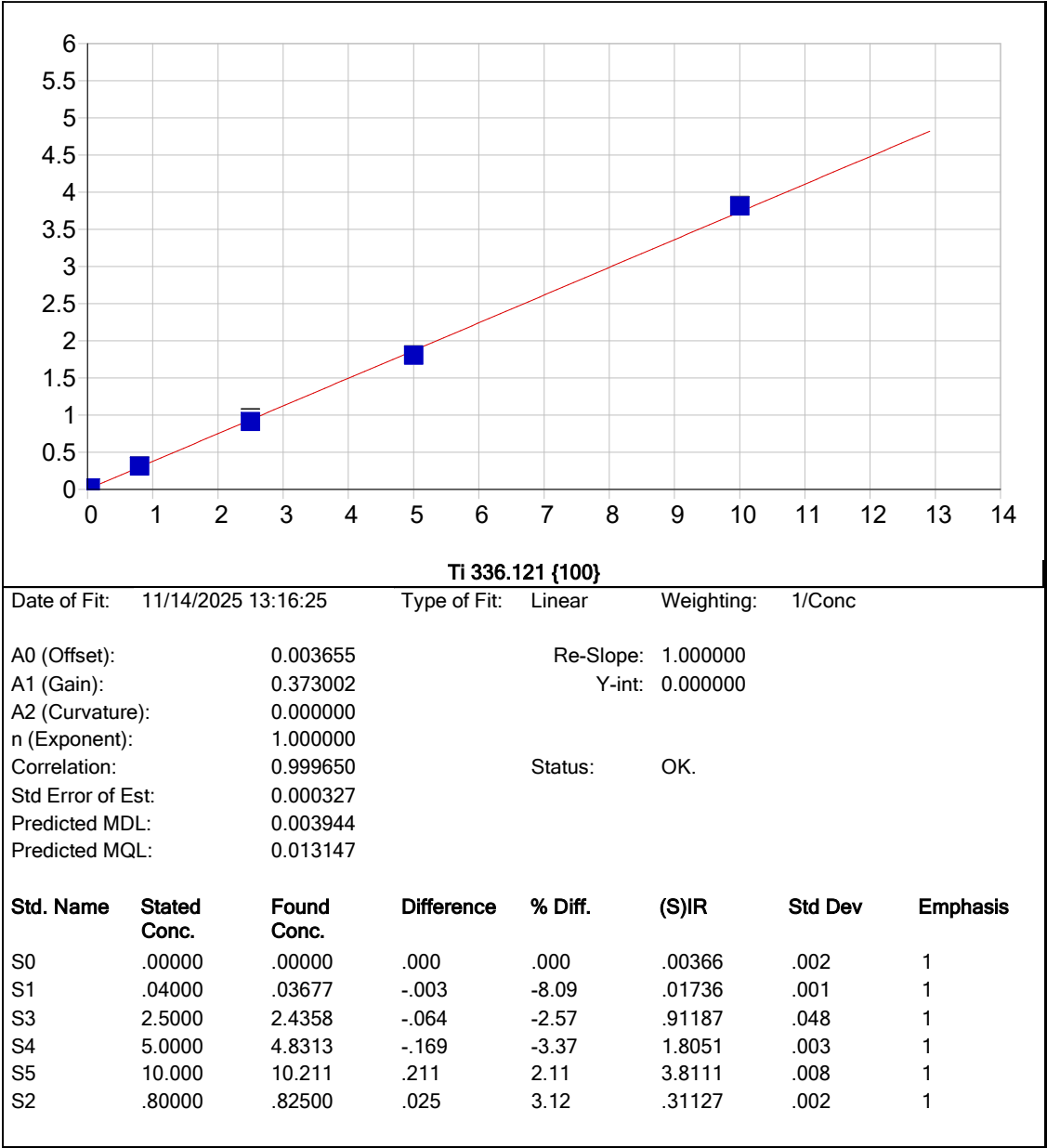
Date of Fit: 11/14/2025 13:16:25 Type of Fit: Linear Weighting: 1/Conc

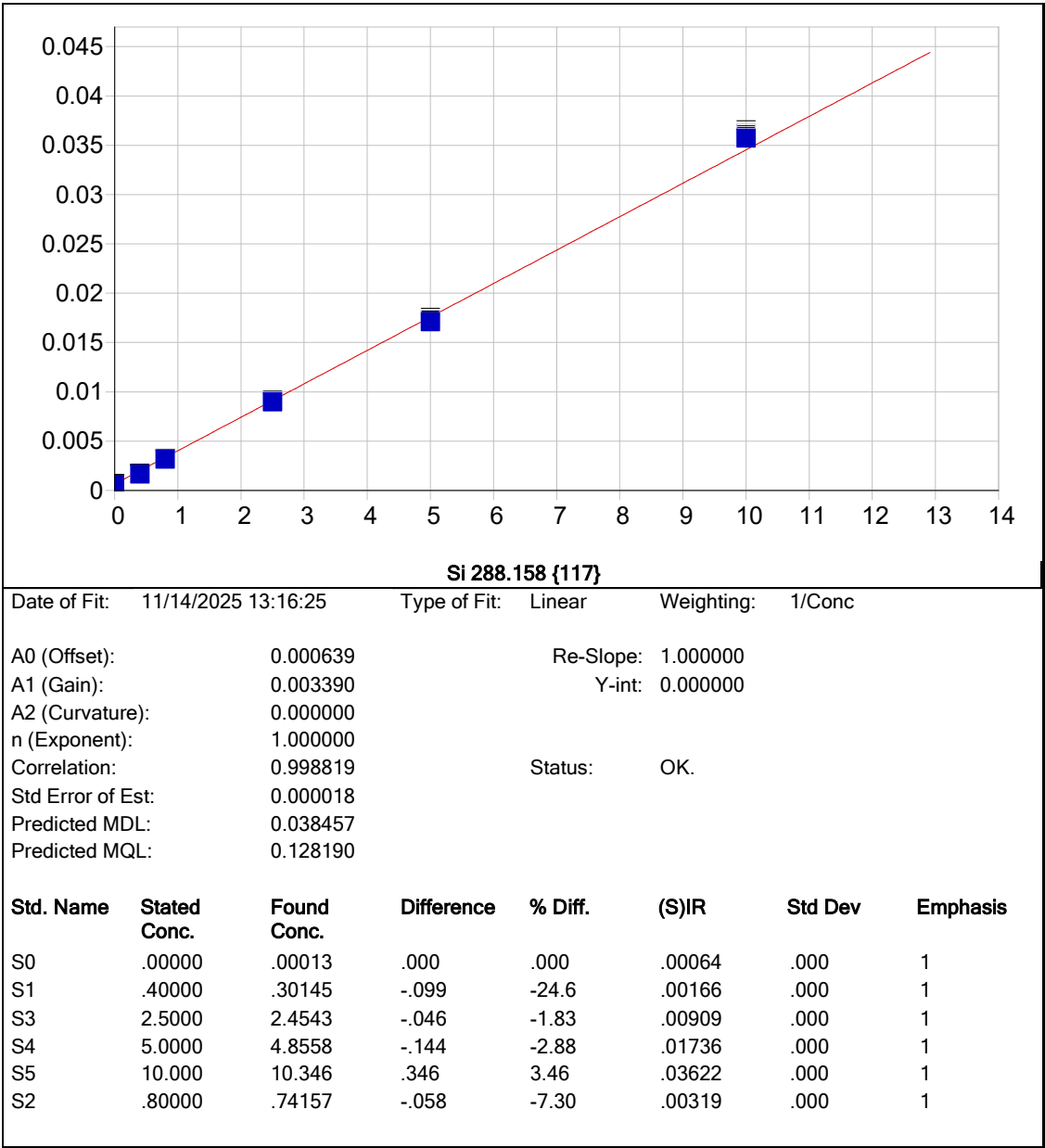
A0 (Offset): -0.001778 Re-Slope: 1.000000
A1 (Gain): 0.003847 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999230 Status: OK.
Std Error of Est: 0.000080
Predicted MDL: 0.135091
Predicted MQL: 0.450304

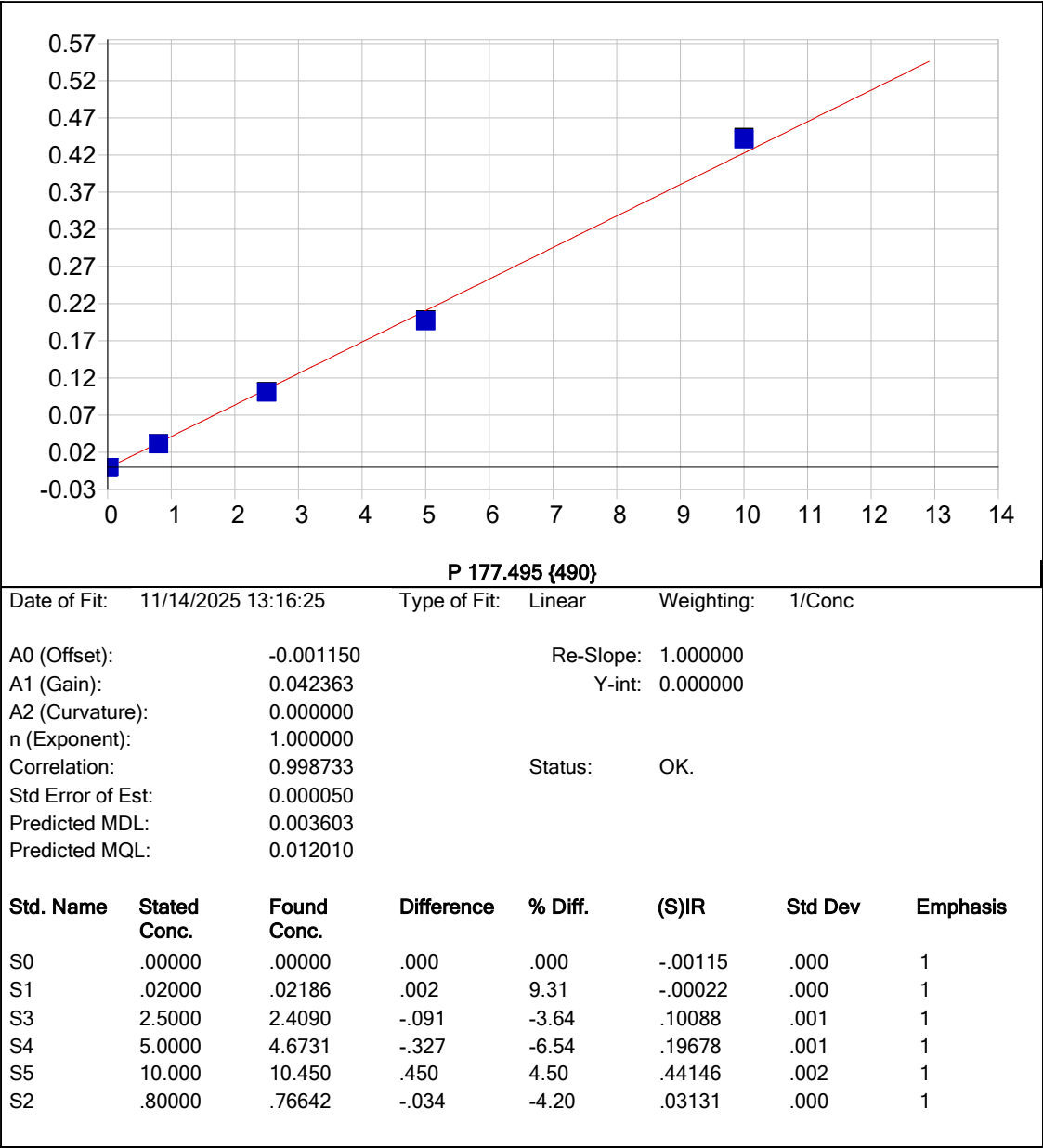


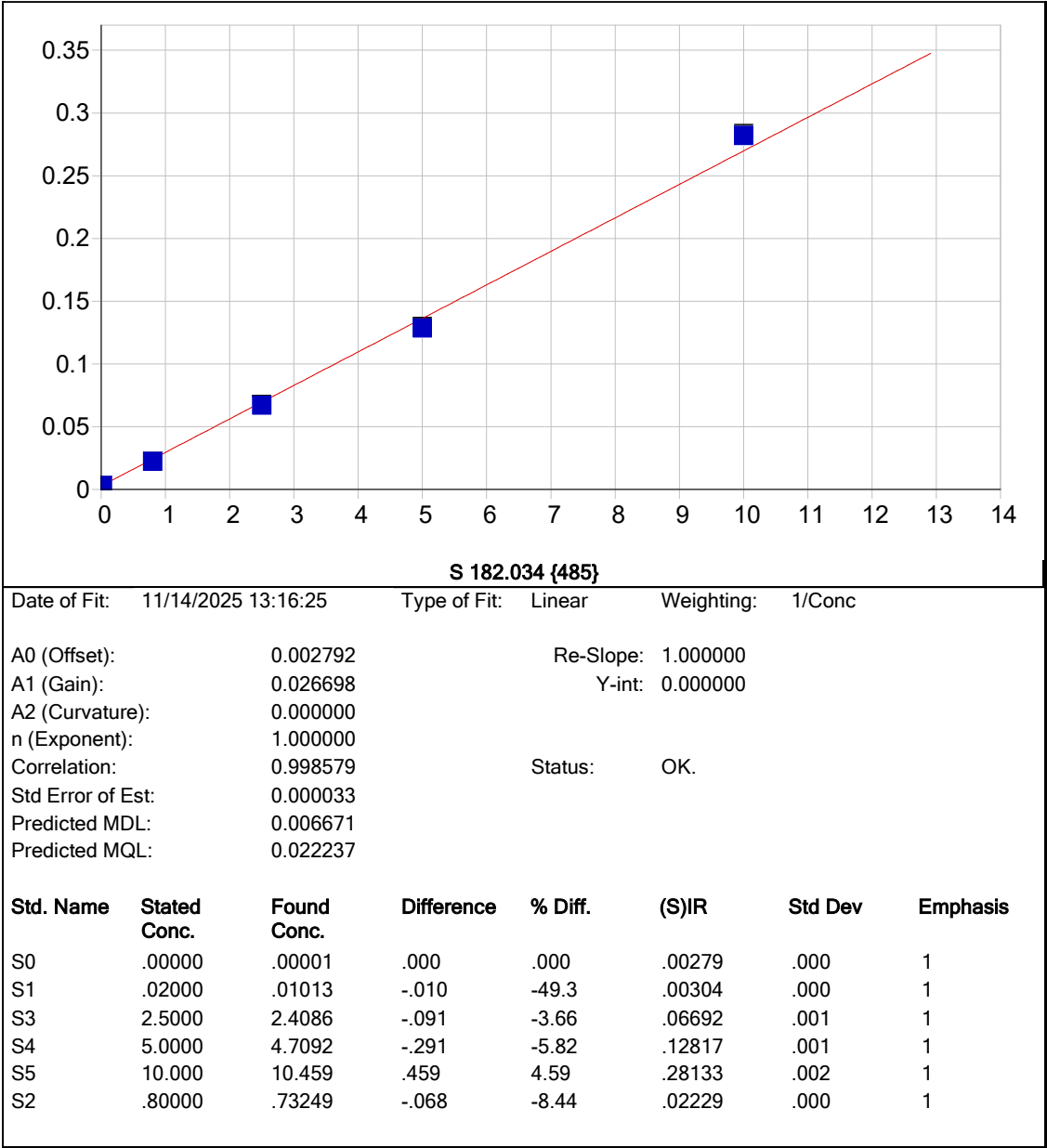


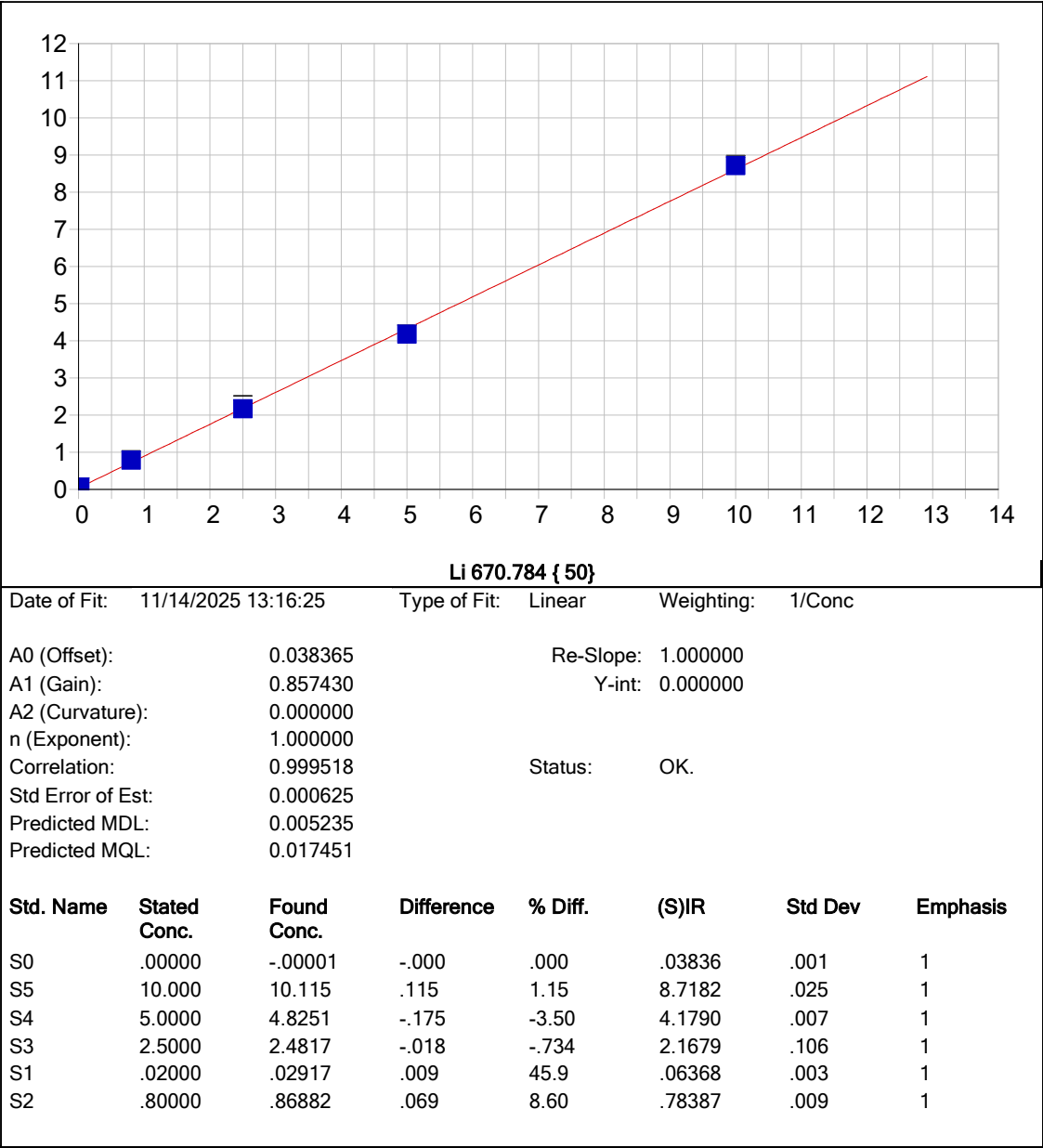


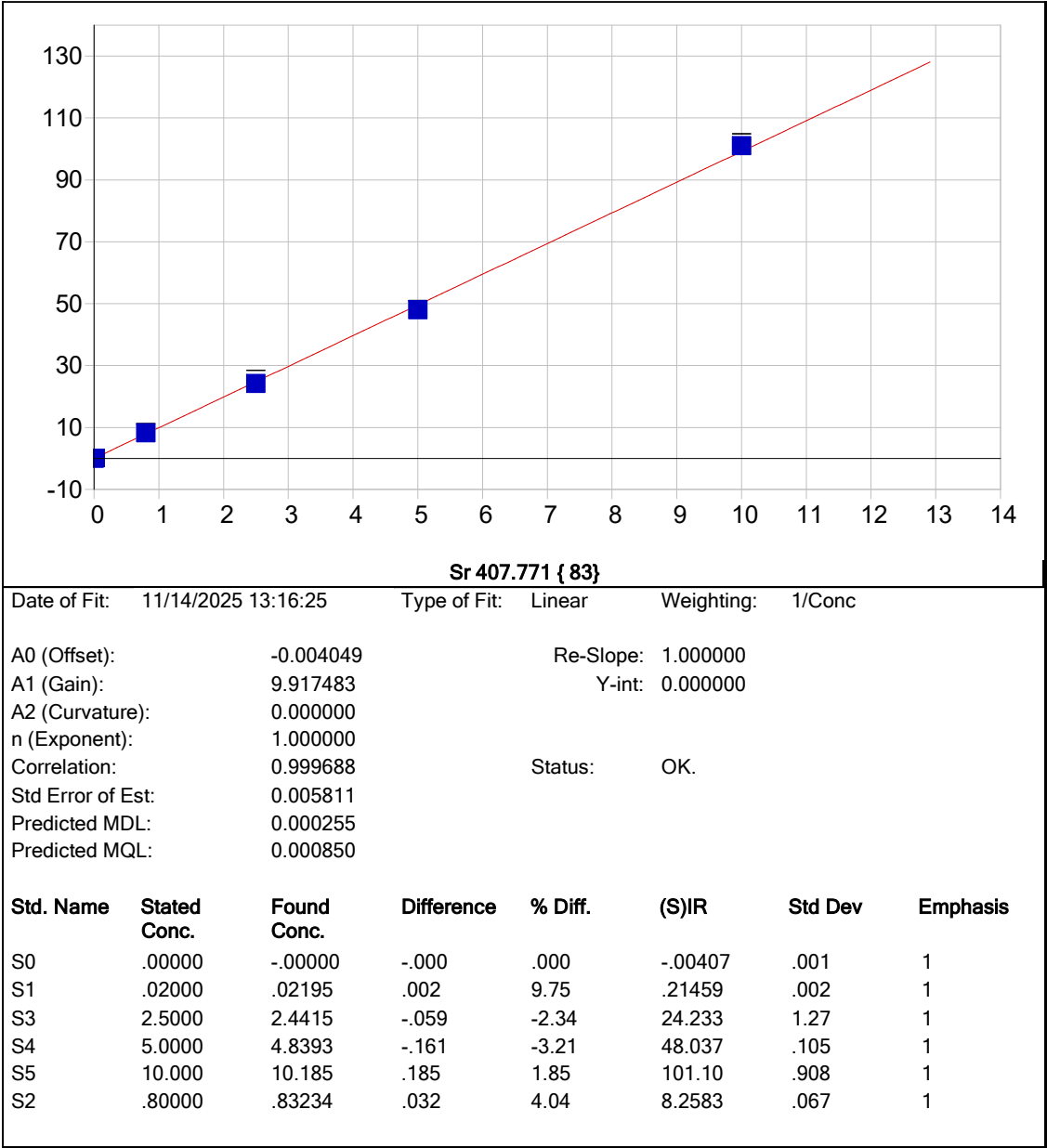


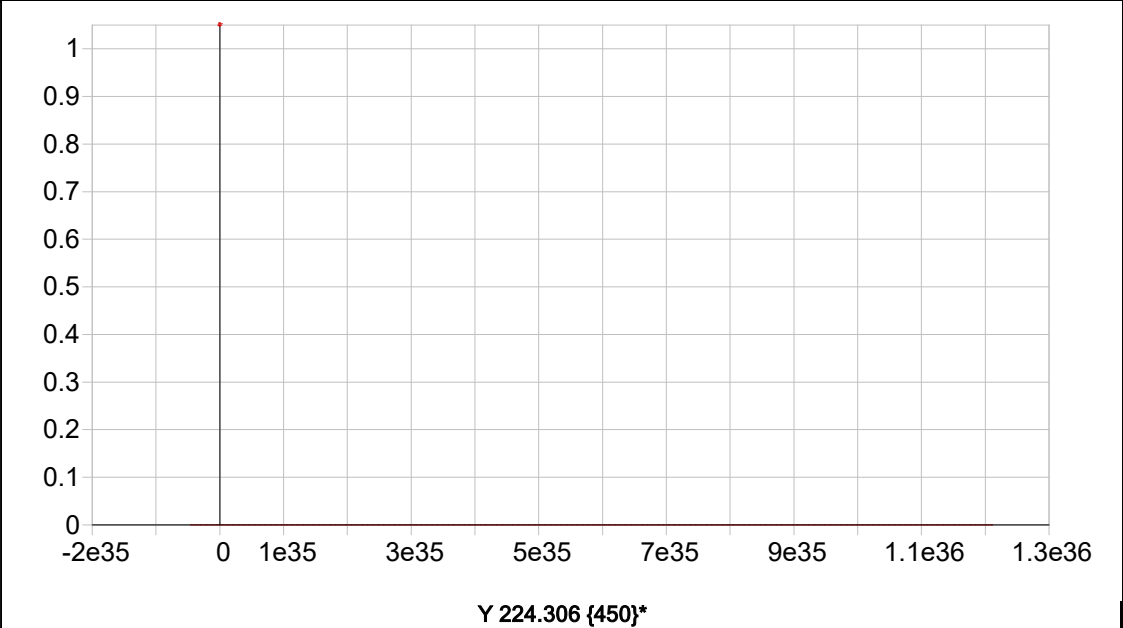






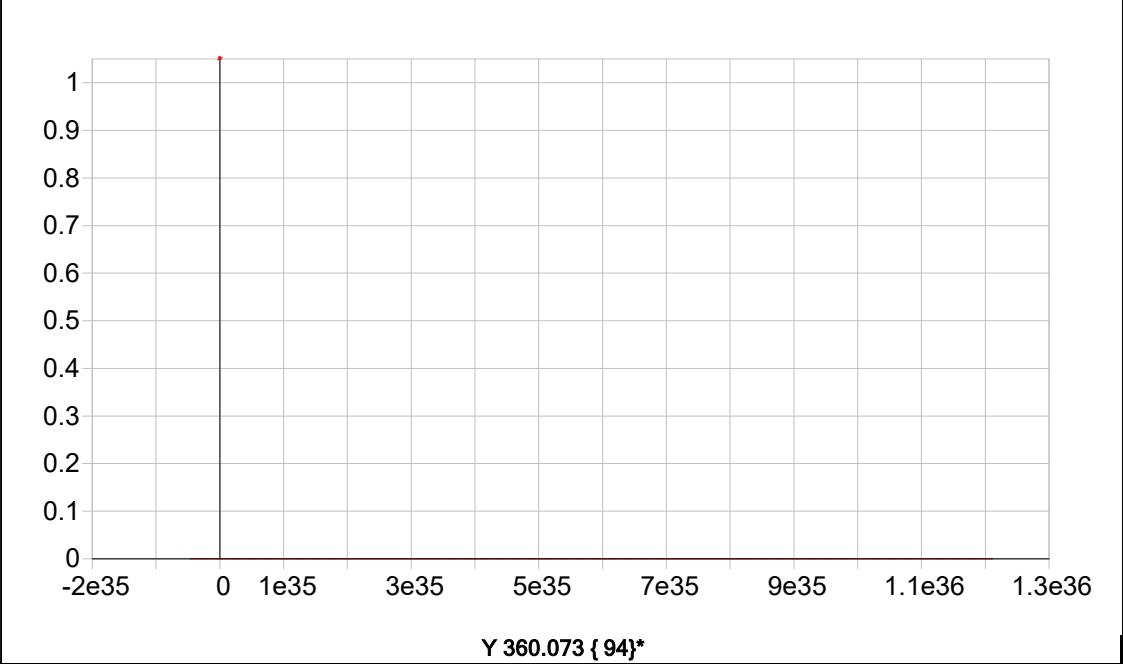




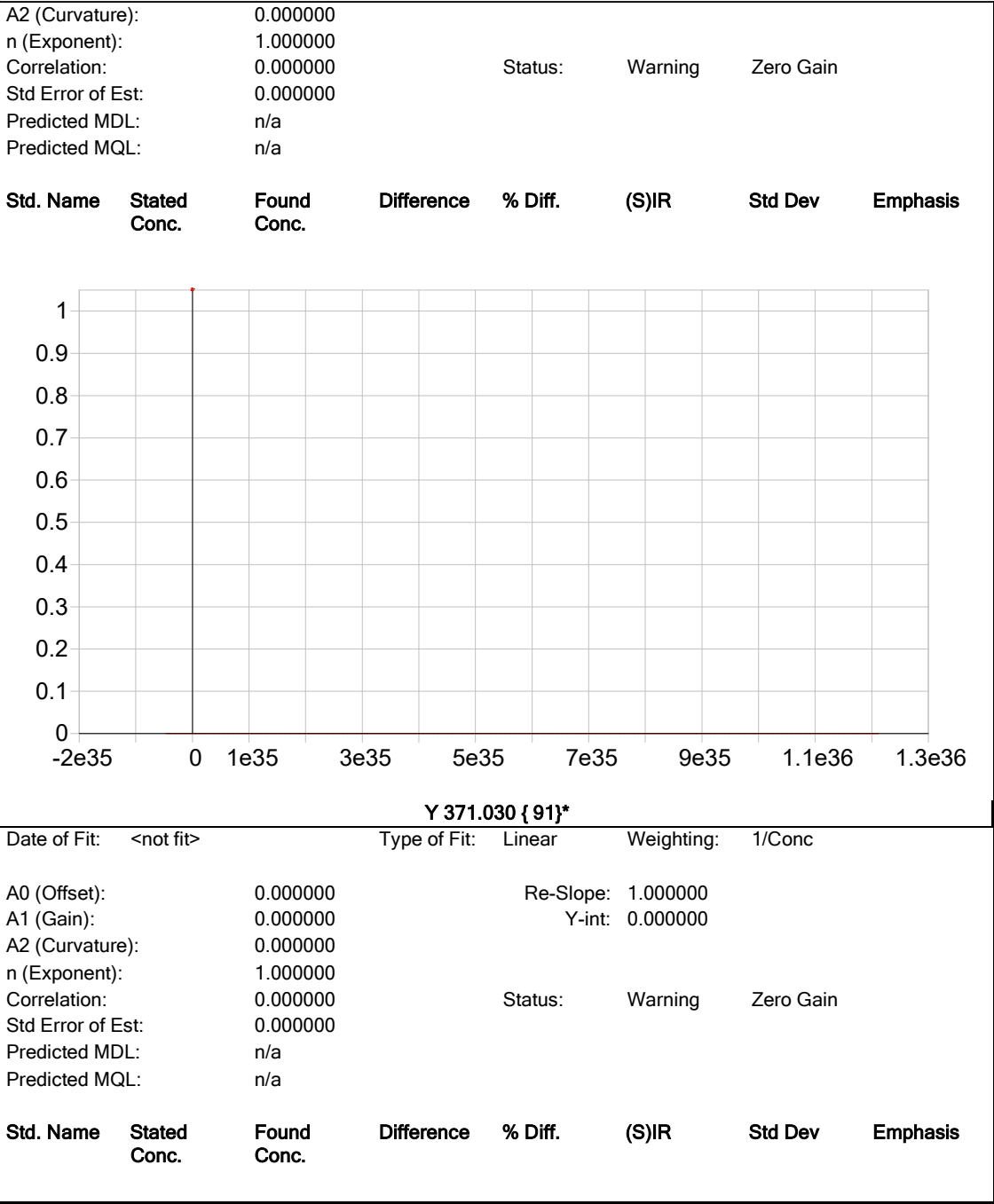


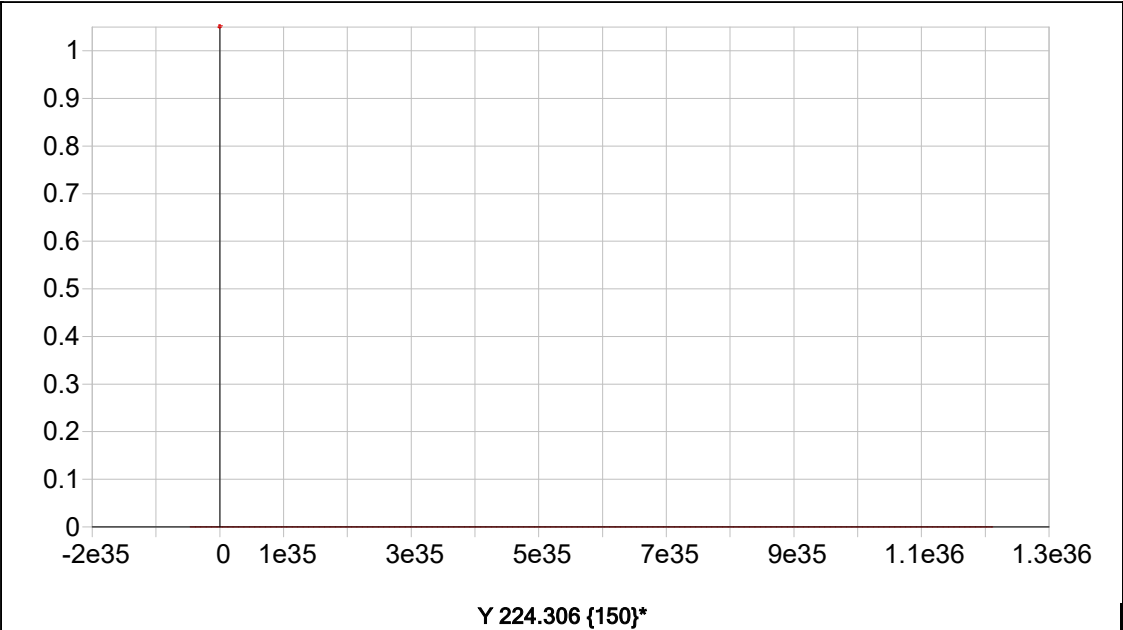
Date of Fit:	11/12/2025 12:22:38	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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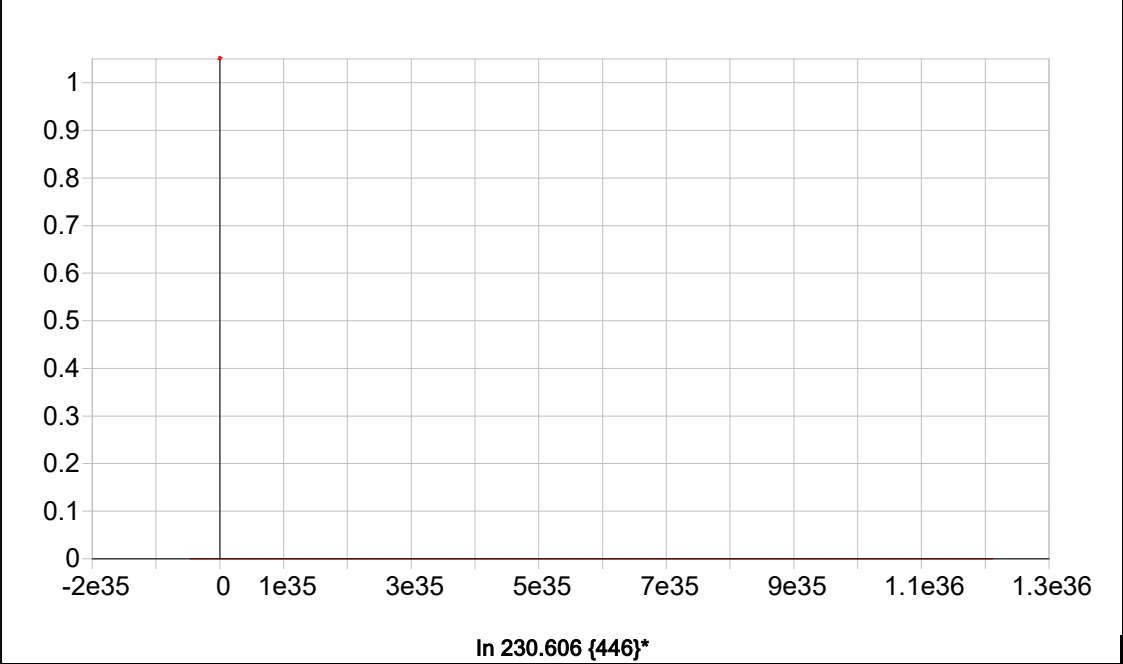
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





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

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

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

Sample Name: S0 Acquired: 11/14/2025 12:51:18 Type: Cal
Method: 6010-200.7 NEW(v355) 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	.00017	.00199	.00043	.00145	.00255	.00021	.15192	-.00041
Stddev	.00009	.00028	.00039	.00006	.00023	.00268	.00628	.00105
%RSD	50.815	13.852	90.303	4.1520	8.9049	1289.5	4.1368	252.79

#1	.00019	.00182	.00040	.00145	.00245	.00244	.14782	-.00012
#2	.00008	.00183	.00006	.00140	.00238	-.00276	.15915	.00046
#3	.00025	.00231	.00084	.00152	.00280	.00094	.14877	-.00157

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	-.00229	.00199	.00014	.00055	.00190	-.00001	-.00064	.00086
Stddev	.00027	.00137	.00006	.00032	.00098	.00002	.00027	.00096
%RSD	11.944	68.848	39.613	58.991	51.666	169.47	42.901	112.62

#1	-.00227	.00324	.00011	.00091	.00184	-.00000	-.00089	-.00008
#2	-.00202	.00053	.00021	.00044	.00095	.00000	-.00069	.00184
#3	-.00257	.00219	.00012	.00029	.00291	-.00004	-.00035	.00080

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	-.00138	-.00153	.01617	-.00082	.00315	-.00178	.04270	.00095
Stddev	.00032	.00011	.00024	.00046	.00116	.00044	.00144	.00005
%RSD	23.217	7.0507	1.4921	55.559	36.860	24.959	3.3672	5.1481

#1	-.00131	-.00157	.01606	-.00133	.00336	-.00214	.04105	.00100
#2	-.00173	-.00160	.01601	-.00043	.00419	-.00128	.04371	.00090
#3	-.00111	-.00140	.01645	-.00072	.00190	-.00191	.04333	.00096

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00060	.00366	.00064	-.00115	.00279	.03836	-.00407
Stddev	.00012	.00222	.00009	.00018	.00030	.00109	.00127
%RSD	20.260	60.672	14.488	15.551	10.821	2.8364	31.192

#1	.00068	.00334	.00071	-.00131	.00312	.03809	-.00477
#2	.00066	.00601	.00068	-.00118	.00274	.03955	-.00484
#3	.00046	.00161	.00053	-.00096	.00252	.03743	-.00260

Sample Name: S0 Acquired: 11/14/2025 12:51:18 Type: Cal
Method: 6010-200.7 NEW(v355) 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	2260.9	30556.	2992.9	2682.8	3649.9
Stddev	4.1	88.	26.2	6.4	8.6
%RSD	.18246	.28957	.87445	.23933	.23472
#1	2260.2	30656.	2967.6	2689.0	3642.0
#2	2257.2	30488.	2991.1	2683.4	3648.7
#3	2265.4	30523.	3019.9	2676.2	3659.0

Sample Name: S1 Acquired: 11/14/2025 12:55:39 Type: Cal
Method: 6010-200.7 NEW(v355) 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	.00114	.00379	.00329	.00269	.00943	.01176	.33249	.09158
Stddev	.00026	.00010	.00050	.00041	.00040	.00312	.00434	.00184
%RSD	23.102	2.6039	15.300	15.085	4.2586	26.554	1.3061	2.0059

#1	.00083	.00369	.00273	.00263	.00941	.01408	.33573	.09185
#2	.00127	.00389	.00343	.00312	.00983	.00821	.32755	.08962
#3	.00131	.00380	.00370	.00231	.00903	.01299	.33418	.09326

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	.01394	.10502	.00285	.03411	.02213	.00044	.01284	.03794
Stddev	.00042	.00162	.00013	.00037	.00039	.00003	.00054	.00082
%RSD	2.9793	1.5388	4.5421	1.0912	1.7520	7.9320	4.1994	2.1522

#1	.01437	.10575	.00287	.03437	.02198	.00043	.01323	.03727
#2	.01391	.10317	.00271	.03427	.02183	.00048	.01307	.03885
#3	.01354	.10615	.00296	.03368	.02257	.00041	.01222	.03770

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	.03083	.00163	.03082	.00409	.07050	.00658	.12819	.12698
Stddev	.00025	.00016	.00033	.00078	.00146	.00011	.00169	.00071
%RSD	.82094	9.7360	1.0623	19.126	2.0717	1.7185	1.3197	.55743

#1	.03071	.00181	.03063	.00434	.06904	.00657	.12802	.12758
#2	.03067	.00153	.03119	.00321	.07051	.00670	.12659	.12620
#3	.03112	.00154	.03063	.00472	.07196	.00648	.12996	.12716

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	.00542	.01736	.00166	-.00022	.00304	.06368	.21459
Stddev	.00020	.00088	.00007	.00008	.00014	.00286	.00202
%RSD	3.6999	5.0432	4.1166	35.743	4.6250	4.4872	.94185

#1	.00540	.01680	.00165	-.00030	.00320	.06693	.21362
#2	.00563	.01837	.00160	-.00023	.00299	.06251	.21324
#3	.00523	.01691	.00174	-.00014	.00293	.06159	.21692

Sample Name: S1 Acquired: 11/14/2025 12:55:39 Type: Cal
Method: 6010-200.7 NEW(v355) 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	2236.7	29198.	3032.2	2648.8	3504.0
Stddev	1.2	262.	21.5	25.3	2.2
%RSD	.05361	.89895	.70980	.95649	.06227
#1	2237.6	29212.	3012.8	2657.8	3503.5
#2	2237.2	28928.	3055.4	2620.2	3506.4
#3	2235.3	29452.	3028.5	2668.5	3502.1

Sample Name: S2 Acquired: 11/14/2025 13:00:00 Type: Cal
Method: 6010-200.7 NEW(v355) 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	.04130	.03746	.21267	.05327	.10912	.14998	3.1411	.60967	1.0274
Stddev	.00019	.00074	.00050	.00034	.00032	.00249	.0287	.00379	.0007
%RSD	.46330	1.9750	.23449	.63664	.28983	1.6623	.91363	.62176	.07053

#1	.04119	.03699	.21273	.05302	.10878	.15063	3.1736	.60739	1.0266
#2	.04152	.03831	.21214	.05313	.10918	.15209	3.1305	.61405	1.0275
#3	.04120	.03707	.21313	.05366	.10940	.14723	3.1192	.60758	1.0281

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	.20586	.04231	.43988	.19247	.00284	.23547	.07272	.31617	.06000
Stddev	.00128	.00005	.00145	.00049	.00004	.00306	.00088	.00083	.00045
%RSD	.62001	.12904	.32883	.25432	1.4577	1.3016	1.2145	.26402	.75358

#1	.20471	.04228	.43930	.19277	.00282	.23879	.07373	.31598	.05982
#2	.20563	.04237	.43882	.19273	.00289	.23275	.07213	.31545	.06052
#3	.20723	.04227	.44153	.19190	.00281	.23489	.07229	.31709	.05967

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	.03806	.04067	.64954	.01239	.72997	.52334	.10060	.31127	.00319
Stddev	.00006	.00073	.00465	.00110	.00130	.00086	.00035	.00240	.00005
%RSD	.17059	1.8035	.71577	8.8420	.17821	.16509	.34845	.77201	1.7155

#1	.03812	.04131	.64439	.01113	.72935	.52242	.10024	.31400	.00325
#2	.03806	.04082	.65342	.01301	.73146	.52414	.10060	.31033	.00314
#3	.03800	.03987	.65081	.01304	.72909	.52345	.10095	.30948	.00319

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03131	.02229	.78387	8.2583
Stddev	.00028	.00018	.00930	.0670
%RSD	.90544	.78529	1.1863	.81151

#1	.03163	.02223	.79337	8.3351
#2	.03108	.02249	.78345	8.2115
#3	.03123	.02215	.77479	8.2284

Sample Name: S2 Acquired: 11/14/2025 13:00:00 Type: Cal
Method: 6010-200.7 NEW(v355) 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	2263.5	29662.	3041.5	2672.6	3531.3
Stddev	1.7	60.	4.2	20.7	2.2
%RSD	.07345	.20146	.13902	.77301	.06224
#1	2264.8	29677.	3038.0	2696.4	3529.6
#2	2261.7	29713.	3046.2	2661.4	3533.8
#3	2264.2	29596.	3040.4	2659.9	3530.5

Sample Name: S3 Acquired: 11/14/2025 13:04:10 Type: Cal
Method: 6010-200.7 NEW(v355) 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	.12660	.10978	.66057	.16017	.32426	.44044	8.9523	1.8091	3.1990
Stddev	.00032	.00387	.00130	.00030	.00090	.02270	.4677	.0807	.0007
%RSD	.25142	3.5218	.19735	.18797	.27906	5.1538	5.2245	4.4600	.02271

#1	.12626	.10536	.66188	.15984	.32503	.44541	9.0921	1.8288	3.1984
#2	.12688	.11144	.66057	.16043	.32326	.46025	9.3342	1.8781	3.1998
#3	.12665	.11254	.65927	.16024	.32449	.41567	8.4307	1.7204	3.1988

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	.60298	.12748	1.3491	.57061	.00852	.68239	.20848	.97310	.18268
Stddev	.02973	.00048	.0012	.00078	.00004	.03747	.01036	.00099	.00061
%RSD	4.9299	.37687	.09169	.13645	.51922	5.4907	4.9706	.10173	.33323

#1	.61217	.12698	1.3496	.57031	.00852	.69530	.21053	.97305	.18198
#2	.62702	.12752	1.3477	.57002	.00848	.71170	.21766	.97412	.18307
#3	.56974	.12794	1.3500	.57149	.00857	.64018	.19724	.97214	.18299

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	.09449	.12221	1.9354	.04560	2.1053	1.5706	.31006	.91187	.00909
Stddev	.00068	.00738	.0082	.00025	.0948	.0019	.00083	.04757	.00006
%RSD	.72088	6.0407	.42588	.55197	4.5040	.12289	.26788	5.2170	.68487

#1	.09460	.12458	1.9289	.04553	2.1309	1.5686	.30911	.92817	.00916
#2	.09512	.12811	1.9447	.04588	2.1847	1.5707	.31064	.94916	.00905
#3	.09377	.11393	1.9325	.04539	2.0003	1.5724	.31043	.85829	.00905

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10088	.06692	2.1679	24.233
Stddev	.00055	.00056	.1063	1.268
%RSD	.54472	.83673	4.9044	5.2315

#1	.10026	.06633	2.1956	24.643
#2	.10132	.06744	2.2577	25.246
#3	.10107	.06701	2.0505	22.811

Sample Name: S3 Acquired: 11/14/2025 13:04:10 Type: Cal
Method: 6010-200.7 NEW(v355) 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	2246.2	29696.	3127.4	2678.1	3395.2
Stddev	4.8	18.	141.2	5.4	5.9
%RSD	.21281	.05928	4.5133	.20220	.17491
#1	2251.7	29716.	3077.8	2681.1	3401.6
#2	2243.6	29685.	3017.8	2671.8	3389.9
#3	2243.2	29686.	3286.7	2681.2	3394.0

Sample Name: S4 Acquired: 11/14/2025 13:08:15 Type: Cal
Method: 6010-200.7 NEW(v355) 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	.24260	.21199	1.2754	.30301	.61504	.86617	17.608	3.4742	6.2427
Stddev	.00074	.00815	.0021	.00077	.00019	.00448	.020	.0219	.0125
%RSD	.30516	3.8442	.16201	.25298	.03134	.51716	.11186	.63143	.19984

#1	.24183	.21617	1.2739	.30290	.61491	.86131	17.624	3.4541	6.2332
#2	.24264	.20259	1.2745	.30231	.61494	.87013	17.615	3.4976	6.2381
#3	.24331	.21720	1.2777	.30383	.61526	.86707	17.586	3.4709	6.2568

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	1.1885	.24259	2.6146	1.0827	.01614	1.3343	.41200	1.8808	.34452
Stddev	.0069	.00016	.0067	.0011	.00006	.0025	.00246	.0045	.00045
%RSD	.58511	.06600	.25678	.09925	.35972	.18911	.59625	.23987	.13028

#1	1.1819	.24240	2.6089	1.0821	.01613	1.3345	.40974	1.8770	.34414
#2	1.1958	.24268	2.6130	1.0819	.01609	1.3366	.41461	1.8795	.34440
#3	1.1877	.24268	2.6220	1.0839	.01621	1.3316	.41165	1.8858	.34502

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	.16955	.24135	3.6566	.08984	4.0555	3.0297	.60157	1.8051	.01736
Stddev	.00042	.00130	.0043	.00076	.0241	.0049	.00160	.0033	.00018
%RSD	.24783	.54029	.11629	.85116	.59331	.16148	.26535	.18402	1.0299

#1	.16920	.24200	3.6549	.09059	4.0341	3.0327	.60170	1.8020	.01747
#2	.16945	.24221	3.6534	.08906	4.0815	3.0240	.59991	1.8086	.01715
#3	.17002	.23985	3.6614	.08988	4.0508	3.0323	.60310	1.8046	.01745

Elem	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.19678	.12817	4.1790	48.037
Stddev	.00129	.00118	.0067	.105
%RSD	.65509	.92424	.16033	.21865

#1	.19712	.12866	4.1779	48.156
#2	.19536	.12682	4.1862	47.997
#3	.19787	.12903	4.1729	47.957

Sample Name: S4 Acquired: 11/14/2025 13:08:15 Type: Cal
Method: 6010-200.7 NEW(v355) 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	2291.7	30635.	3117.1	2685.5	3406.8
Stddev	.8	110.	23.4	4.3	2.9
%RSD	.03483	.35779	.74994	.15845	.08468
#1	2292.4	30762.	3136.8	2690.2	3409.8
#2	2290.9	30576.	3091.2	2684.1	3406.4
#3	2291.8	30568.	3123.3	2682.0	3404.1

Sample Name: S5 Acquired: 11/14/2025 13:12:18 Type: Cal
Method: 6010-200.7 NEW(v355) 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	.52207	.45928	2.7473	.64876	1.3153	1.8482	37.251	7.3336	13.518
Stddev	.00296	.00599	.0077	.00320	.0057	.0092	.145	.0543	.038
%RSD	.56725	1.3038	.28120	.49322	.43528	.49586	.38831	.74051	.28472
#1	.52368	.46197	2.7439	.65057	1.3142	1.8377	37.147	7.3306	13.509
#2	.51865	.45242	2.7419	.64506	1.3102	1.8535	37.416	7.3893	13.484
#3	.52388	.46346	2.7562	.65064	1.3215	1.8536	37.190	7.2808	13.560
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	2.5008	.50790	5.6474	2.2791	.03436	2.8287	.87070	4.0531	.73325
Stddev	.0076	.00037	.0176	.0136	.00019	.0072	.00194	.0125	.00049
%RSD	.30503	.07194	.31254	.59760	.55465	.25559	.22297	.30879	.06637
#1	2.4941	.50748	5.6414	2.2803	.03435	2.8248	.86852	4.0497	.73272
#2	2.5091	.50813	5.6336	2.2649	.03418	2.8371	.87226	4.0427	.73335
#3	2.4991	.50808	5.6673	2.2920	.03456	2.8243	.87131	4.0670	.73368
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	.34719	.51447	7.7716	.19636	8.5994	6.4405	1.2984	3.8111	.03622
Stddev	.00169	.00130	.0413	.00072	.0488	.0336	.0059	.0076	.00035
%RSD	.48694	.25334	.53118	.36633	.56761	.52165	.45161	.19824	.96077
#1	.34609	.51415	7.7262	.19623	8.5942	6.4527	1.2989	3.8042	.03598
#2	.34635	.51590	7.7817	.19571	8.6505	6.4025	1.2923	3.8191	.03607
#3	.34914	.51335	7.8070	.19713	8.5533	6.4663	1.3040	3.8099	.03662
Elem	P_1774	S_1820	Li6707	Sr4077					
Units	Cts/S	Cts/S	Cts/S	Cts/S					
Avg	.44146	.28133	8.7182	101.10					
Stddev	.00178	.00159	.0245	.91					
%RSD	.40418	.56430	.28153	.89817					
#1	.44062	.28170	8.6967	101.87					
#2	.44025	.27959	8.7449	101.34					
#3	.44351	.28270	8.7130	100.10					

Sample Name: S5 Acquired: 11/14/2025 13:12:18 Type: Cal
Method: 6010-200.7 NEW(v355) 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	2185.9	29452.	2997.2	2601.2	3169.6
Stddev	13.0	131.	23.6	26.0	12.0
%RSD	.59518	.44418	.78687	.99935	.37771
#1	2182.3	29603.	3015.2	2630.9	3168.0
#2	2200.3	29378.	2970.5	2590.2	3182.3
#3	2175.0	29374.	3005.9	2582.6	3158.5

Sample Name: ICV01 Acquired: 11/14/2025 13:37:15 Type: Unk
Method: 6010-200.7 NEW(v355) 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	3.978346	3.798802	3.875859	3.991512	4.065501	7.992165
Stddev	.015668	.025211	.005578	.013641	.004462	.110634
%RSD	.3938427	.6636449	.1439070	.3417624	.1097532	1.384279

#1	3.988999	3.786843	3.869693	4.006172	4.061141	7.877585
#2	3.960355	3.781796	3.880554	3.979191	4.065305	8.098378
#3	3.985684	3.827766	3.877329	3.989173	4.070059	8.000531

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.076192	.2036711	1.957946	19.98821	.8157606	1.999895
Stddev	.034252	.0016674	.000549	.21174	.0021372	.001844
%RSD	.4241116	.8186523	.0280402	1.059337	.2619945	.0922268

#1	8.064891	.2017601	1.957543	19.78016	.8136276	1.998077
#2	8.114667	.2048293	1.958571	20.20346	.8157520	1.999844
#3	8.049019	.2044239	1.957723	19.98101	.8179021	2.001765

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026627	4.163832	2.018860	19.97040	2.001674	1.014875
Stddev	.003300	.016657	.009639	.20856	.003777	.004262
%RSD	.3214588	.4000423	.4774560	1.044368	.1886823	.4199811

#1	1.023532	4.161711	2.014686	19.76649	2.004156	1.019774
#2	1.026250	4.148337	2.029883	20.18333	1.997327	1.012838
#3	1.030099	4.181448	2.012011	19.96139	2.003538	1.012014

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.11638	2.001848	2.030185	20.57662	3.898754	4.005575
Stddev	.17580	.016290	.011314	.16320	.051088	.005909
%RSD	.8325218	.8137420	.5573036	.7931392	1.310367	.1475095

#1	21.31897	1.999405	2.042529	20.74978	3.848812	4.007630
#2	21.02618	2.019222	2.027720	20.42565	3.950916	3.998913
#3	21.00399	1.986918	2.020307	20.55441	3.896535	4.010182

Sample Name: ICV01 Acquired: 11/14/2025 13:37:15 Type: Unk
Method: 6010-200.7 NEW(v355) 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	3.958300	4.019784	3.939518	F .0063979	F .0060861	F .0028668
Stddev	.013228	.040306	.024517	.0039082	.0053192	.0023886
%RSD	.3341767	1.002679	.6223275	61.08527	87.39998	83.31759

#1	3.972031	3.977818	3.926595	.0019799	.0097170	.0002105
#2	3.945641	4.058194	3.924166	.0094036	.0085608	.0035522
#3	3.957227	4.023338	3.967792	.0078101	-.000020	.0048378

Elem	Sr4077
Units	ppm
Avg	F -.003265
Stddev	.000191
%RSD	5.837571

#1	-.003239
#2	-.003090
#3	-.003468

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.452	29095.02	3067.330	2629.555	3323.113
Stddev	2.064	38.16	30.365	11.804	4.952
%RSD	.0931517	.1311547	.9899418	.4488949	.1490259

#1	2213.661	29051.68	3099.057	2623.131	3319.662
#2	2214.987	29109.79	3038.541	2643.177	3320.889
#3	2217.709	29123.59	3064.392	2622.355	3328.787

Sample Name: ICB01 Acquired: 11/14/2025 13:45:35 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0006587	-.004972	-.000152	-.000083	-.002237	-.034909	-.007074
Stddev	.0103235	.003627	.001745	.004525	.001680	.005079	.002270
%RSD	1567.273	72.94224	1149.369	5469.608	75.09670	14.54829	32.09079

#1	-.007427	-.008457	-.001376	-.005132	-.004048	-.040015	-.005446
#2	-.002884	-.001218	.001847	.003604	-.001933	-.034856	-.006110
#3	.012287	-.005242	-.000926	.001280	-.000730	-.029858	-.009668

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000100	-.000019	.0076357	.0009404	-.000049	.0008352	.0098019
Stddev	.000074	.000190	.0224264	.0000899	.000157	.0009552	.0127689
%RSD	73.68406	1015.704	293.7051	9.562690	316.5303	114.3641	130.2689

#1	-.000063	.000186	-.018132	.0009765	-.000072	.0015932	-.004866
#2	-.000185	-.000054	.018289	.0008381	.000117	.0011500	.018433
#3	-.000052	-.000189	.022750	.0010067	-.000193	-.000238	.015839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000691	-.020723	-.000133	.0007013	-.771610	.0080261	.0006955
Stddev	.001988	.051345	.000414	.0016235	.073014	.0060208	.0007116
%RSD	287.7181	247.7742	311.7047	231.5024	9.462580	75.01510	102.3214

#1	-.000386	.009011	-.000334	-.000504	-.855617	.0107402	.0005848
#2	-.002813	-.080011	-.000408	.000060	-.723427	.0011260	.0000457
#3	.001127	.008832	.000344	.002547	-.735785	.0122121	.0014560

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.440162	-.007394	-.000498	.0002893	-.002306	-.096955	-.000042
Stddev	.039419	.001160	.000622	.0011436	.003389	.026984	.003433
%RSD	8.955644	15.68655	124.8915	395.3070	146.9634	27.83122	8190.475

#1	-.425132	-.006945	.000182	.0016008	-.003381	-.116566	.001283
#2	-.410469	-.006526	-.000637	-.000234	-.005027	-.108118	.002531
#3	-.484886	-.008712	-.001040	-.000499	.001490	-.066181	-.003940

Sample Name: ICB01 Acquired: 11/14/2025 13:45:35 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.035237	-.000658	.0001211
Stddev	.005770	.005443	.0002325
%RSD	16.37477	826.9538	192.0683

#1	-.041732	.003310	-.000119
#2	-.033276	.001579	.000136
#3	-.030704	-.006864	.000346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.228	29200.88	3074.717	2639.977	3570.591
Stddev	5.495	108.63	15.852	15.308	6.907
%RSD	.2438881	.3720139	.5155729	.5798417	.1934333

#1	2248.911	29258.99	3072.740	2647.541	3566.395
#2	2259.414	29268.11	3059.946	2650.030	3578.563
#3	2251.359	29075.56	3091.466	2622.360	3566.817

Sample Name: CRI01 Acquired: 11/14/2025 14:00:23 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0190164	.0412117	.0117178	.0143258	.0521041	.0888958
Stddev	.0043928	.0017170	.0029920	.0029111	.0040898	.0106965
%RSD	23.09991	4.166320	25.53339	20.32031	7.849327	12.03267

#1	.0214156	.0408467	.0145127	.0138234	.0533865	.0933978
#2	.0139465	.0430818	.0120790	.0116987	.0475268	.0766842
#3	.0216871	.0397065	.0085616	.0174554	.0553991	.0966055

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947111	.0064862	.0060462	2.083102	.0109231	.0306801
Stddev	.0046159	.0000512	.0001764	.023618	.0009138	.0005864
%RSD	4.873711	.7889826	2.917394	1.133811	8.365771	1.911491

#1	.0947596	.0064277	.0060218	2.070346	.0113108	.0300316
#2	.0900711	.0065229	.0062335	2.110355	.0098793	.0311732
#3	.0993026	.0065080	.0058833	2.068603	.0115791	.0308354

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227555	.1245332	.0229909	2.174409	.0411602	.0102316
Stddev	.0000860	.0150532	.0011087	.078101	.0004331	.0006555
%RSD	.3777397	12.08773	4.822492	3.591835	1.052159	6.406694

#1	.0226563	.1232345	.0219698	2.097701	.0411490	.0101892
#2	.0228009	.1401937	.0228326	2.253833	.0415987	.0109074
#3	.0228092	.1101714	.0241703	2.171694	.0407328	.0095984

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.624691	.0392063	.0438423	1.617132	.0922792	.2013461
Stddev	.015818	.0082645	.0002022	.124761	.0004541	.0010150
%RSD	.9735833	21.07945	.4611112	7.714950	.4921162	.5040870

#1	1.608813	.0426950	.0437903	1.517167	.0922335	.2002717
#2	1.640448	.0451543	.0440654	1.577279	.0918497	.2022887
#3	1.624811	.0297695	.0436712	1.756951	.0927545	.2014780

Sample Name: CRI01 Acquired: 11/14/2025 14:00:23 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0384120	.0409268	F .2791000	.0191366	F -.012990	F .0317035
Stddev	.0005748	.0048783	.0160395	.0024092	.009630	.0056378
%RSD	1.496332	11.91961	5.746871	12.58975	74.13293	17.78294
#1	.0381556	.0363010	.2608814	.0171449	-.008408	.0259200
#2	.0390703	.0404557	.2853233	.0218145	-.024055	.0371834
#3	.0380100	.0460235	.2910952	.0184504	-.006506	.0320072

Elem	Sr4077
Units	ppm
Avg	.0218897
Stddev	.0004895
%RSD	2.236076
#1	.0213886
#2	.0223666
#3	.0219139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.065	29302.26	3028.893	2657.161	3507.270
Stddev	12.906	45.92	17.141	9.588	16.950
%RSD	.5764044	.1567236	.5659177	.3608202	.4832722
#1	2242.423	29292.04	3040.258	2648.144	3514.542
#2	2224.812	29262.31	3009.177	2656.107	3487.897
#3	2249.960	29352.43	3037.244	2667.232	3519.370

Sample Name: ICSA01 Acquired: 11/14/2025 14:07:27 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0031452	.0183974	-.000374	.0050658	-.007582	252.7441	.0061615
Stddev	.0089390	.0028935	.004275	.0058526	.005014	.5244	.0036425
%RSD	284.2096	15.72794	1142.376	115.5315	66.12902	.2074653	59.11660

#1	-.000609	.0198369	-.000534	.0086779	-.004591	253.3437	.0052313
#2	.013349	.0202888	-.004567	.0082062	-.004785	252.5171	.0030743
#3	-.003304	.0150664	.003978	-.001687	-.013371	252.3715	.0101788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010924	.0001087	245.5526	.0543971	.0016879	-.000296	102.7247
Stddev	.0001243	.0001910	.6983	.0013819	.0004859	.002126	.5452
%RSD	11.37745	175.7627	.2843766	2.540387	28.78647	717.4787	.5307026

#1	.0010943	.0002427	246.3400	.0558307	.0022153	-.001151	102.4247
#2	.0012158	-.000110	245.3092	.0542871	.0012584	-.001862	103.3540
#3	.0009672	.000193	245.0085	.0530735	.0015902	.002125	102.3955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108081	254.6882	.0058033	-.006882	-.563863	.0022657	.0035359
Stddev	.0004317	.2142	.0007042	.000699	.078555	.0028820	.0007739
%RSD	3.993815	.0841197	12.13484	10.15563	13.93149	127.2030	21.88749

#1	.0103102	254.9122	.0052555	-.006837	-.635212	.0040765	.0026693
#2	.0110778	254.6672	.0065976	-.007603	-.576695	-.001058	.0037800
#3	.0110361	254.4852	.0055568	-.006207	-.479683	.003778	.0041583

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.330721	.0554604	.0014430	-.005769	-.004181	-.056872	.0054413
Stddev	.121506	.0038410	.0005228	.002398	.002493	.035424	.0028277
%RSD	36.73965	6.925719	36.23261	41.55981	59.62193	62.28752	51.96679

#1	-.417344	.0533733	.0020447	-.005558	-.006780	-.026631	.0053619
#2	-.191827	.0598931	.0011847	-.003484	-.003952	-.095846	.0026541
#3	-.382992	.0531148	.0010996	-.008265	-.001810	-.048139	.0083078

Sample Name: ICSA01 Acquired: 11/14/2025 14:07:27 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.023119	F -.029496	.0039903
Stddev	.007192	.004058	.0013277
%RSD	31.10737	13.75965	33.27273

#1	-.015071	-.025817	.0048233
#2	-.025370	-.033849	.0024592
#3	-.028916	-.028821	.0046884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.817	27588.17	2988.922	2482.270	3022.985
Stddev	5.797	56.43	24.245	3.106	7.148
%RSD	.2734495	.2045453	.8111518	.1251272	.2364409

#1	2114.995	27653.24	2962.825	2480.408	3014.735
#2	2118.208	27558.64	3010.746	2485.856	3027.306
#3	2126.248	27552.63	2993.194	2480.547	3026.914

Sample Name: ICSAB01 Acquired: 11/14/2025 14:11:42 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.1155058	.1332131	.0541425	.0523647	.6141282	251.9048
Stddev	.0055476	.0065131	.0020291	.0075872	.0103111	.8131
%RSD	4.802902	4.889223	3.747772	14.48904	1.678974	.3227991

#1	.1107396	.1265931	.0562062	.0605623	.6102745	250.9694
#2	.1141823	.1396137	.0540714	.0509425	.6062991	252.4435
#3	.1215954	.1334324	.0521498	.0455893	.6258111	252.3014

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5149682	.5257649	1.035023	244.3772	.5874600	.5240940
Stddev	.0042568	.0061909	.002046	.7150	.0024612	.0014982
%RSD	.8266123	1.177500	.1977017	.2925820	.4189609	.2858611

#1	.5132504	.5193309	1.034355	243.7920	.5857877	.5244590
#2	.5198155	.5316801	1.033394	245.1742	.5902862	.5224470
#3	.5118388	.5262836	1.037320	244.1655	.5863061	.5253759

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5021270	104.6404	.5183564	255.2032	1.046426	.1990494
Stddev	.0028663	.4496	.0027037	.7097	.003448	.0024668
%RSD	.5708279	.4296932	.5215902	.2780834	.3295061	1.239263

#1	.4993529	105.0336	.5160922	254.3875	1.044302	.2018976
#2	.5019507	104.1502	.5213499	255.5427	1.044573	.1976027
#3	.5050773	104.7375	.5176269	255.6793	1.050405	.1976479

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.793008	.5063945	1.066394	F -.651484	1.037047	1.000132
Stddev	.065002	.0141624	.005161	.104581	.005934	.002927
%RSD	8.196845	2.796706	.4839982	16.05277	.5722431	.2926390

#1	-.751398	.4908568	1.060814	-.760350	1.032470	1.000076
#2	-.759715	.5185801	1.070997	-.551792	1.043752	.997234
#3	-.867912	.5097466	1.067373	-.642310	1.034919	1.003087

Sample Name: ICSAB01 Acquired: 11/14/2025 14:11:42 Type: Unk
Method: 6010-200.7 NEW(v355) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.015025	.9902393	.9922457	F .0083729	F -.014834	F -.033429
Stddev	.004418	.0088630	.0175156	.0025864	.011487	.007495
%RSD	.4352903	.8950391	1.765247	30.89005	77.43756	22.42218

#1	1.013077	.9806744	.9884754	.0109237	-.013823	-.030733
#2	1.011915	.9981741	.9769222	.0084426	-.003886	-.027654
#3	1.020082	.9918695	1.011339	.0057523	-.026793	-.041899

Elem	Sr4077
Units	ppm
Avg	F .0011961
Stddev	.0008666
%RSD	72.44791

#1	.0006391
#2	.0021945
#3	.0007548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2104.741	27161.40	3018.083	2459.099	2996.818
Stddev	3.282	125.68	20.662	9.486	5.560
%RSD	.1559504	.4627173	.6845968	.3857522	.1855286

#1	2108.475	27100.31	3041.034	2459.980	3002.804
#2	2102.314	27305.95	3000.966	2468.114	2991.815
#3	2103.432	27077.94	3012.248	2449.203	2995.834

Sample Name: ICSA01DLX20 Acquired: 11/14/2025 14:15:47 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0025638	.0053310	.0024902	.0000688	-.004723	12.64746	-.001456
Stddev	.0030952	.0011776	.0012090	.0020165	.004405	.03612	.004679
%RSD	120.7286	22.08882	48.55093	2930.341	93.25602	.2856185	321.2437

#1	.0051494	.0064398	.0038238	.0002645	-.006110	12.61291	-.006426
#2	.0034078	.0040950	.0021810	.0019804	-.008267	12.68497	.002864
#3	-.000866	.0054581	.0014658	-.002038	.000208	12.64451	-.000807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001436	-.000039	12.41301	.0029835	.0000380	-.000010	5.173923
Stddev	.0000685	.000194	.01099	.0004470	.0008053	.000880	.015615
%RSD	47.73066	500.7463	.0885525	14.98303	2120.861	9025.103	.3017936

#1	.0000740	.000115	12.41421	.0027316	-.000539	-.000450	5.191405
#2	.0002111	.000026	12.40147	.0027193	.000958	-.000583	5.161359
#3	.0001458	-.000256	12.42336	.0034996	-.000305	.001004	5.169006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016017	12.89602	.0008591	-.001933	-1.08967	.0032305	.0001587
Stddev	.0004327	.16927	.0003935	.000389	.04682	.0065521	.0003537
%RSD	27.01811	1.312577	45.79963	20.11917	4.297063	202.8188	222.8921

#1	.0013790	12.74089	.0004415	-.002239	-1.12093	.0098392	.0002159
#2	.0021004	12.87061	.0009129	-.002065	-1.11224	.0031157	-.000220
#3	.0013256	13.07656	.0012230	-.001496	-1.03584	-.003263	.000480

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.879607	-.003260	.0002988	-.001904	-.000193	-.081657	.0044964
Stddev	.149683	.001578	.0004422	.001394	.004366	.044276	.0023408
%RSD	17.01699	48.41139	147.9714	73.18304	2256.633	54.22141	52.05890

#1	-.972723	-.005080	.0002990	-.001129	-.003491	-.066132	.0059762
#2	-.959153	-.002427	.0007409	-.001071	.004758	-.047235	.0057154
#3	-.706946	-.002272	-.000143	-.003513	-.001847	-.131604	.0017977

Sample Name: ICSA01DLX20 Acquired: 11/14/2025 14:15:47 Type: Unk
Method: 6010-200.7 NEW(v355) 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	-.037930	-.000332	.0003973
Stddev	.006357	.002886	.0002712
%RSD	16.75879	870.3351	68.26553
#1	-.034001	-.000409	.0006078
#2	-.045263	.002593	.0004929
#3	-.034524	-.003178	.0000912

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.506	28837.08	3081.050	2608.078	3420.730
Stddev	7.568	181.42	7.965	13.150	9.932
%RSD	.3400660	.6291095	.2585117	.5042116	.2903496
#1	2218.674	28679.78	3081.983	2596.518	3411.893
#2	2224.203	29035.54	3072.659	2622.385	3418.819
#3	2233.641	28795.90	3088.507	2605.331	3431.479

Sample Name: ICSAB01DLX20 Acquired: 11/14/2025 14:20:02 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0061427	.0104191	.0052929	-.001281	.0283123	12.54026	.0189734
Stddev	.0051285	.0052804	.0026159	.002740	.0051744	.04118	.0019241
%RSD	83.48971	50.67980	49.42301	213.9280	18.27608	.3283456	10.14080

#1	.0033634	.0101939	.0025213	-.004121	.0316258	12.50444	.0210434
#2	.0120609	.0158085	.0056388	.001346	.0309614	12.53110	.0186370
#3	.0030037	.0052549	.0077186	-.001068	.0223498	12.58525	.0172397

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257988	.0477844	12.24717	.0295362	.0241588	.0259456	4.932718
Stddev	.0003899	.0000108	.03936	.0008821	.0001945	.0003002	.119784
%RSD	1.511357	.0227057	.3214124	2.986353	.8051401	1.157168	2.428361

#1	.0257582	.0477778	12.24202	.0297132	.0243159	.0256127	4.855520
#2	.0262075	.0477969	12.28886	.0285790	.0239413	.0260279	4.871927
#3	.0254309	.0477786	12.21064	.0303163	.0242193	.0261960	5.070709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282431	12.74670	.0485966	.0084177	-1.28142	.0275063	.0512070
Stddev	.0012633	.10727	.0002720	.0011774	.03884	.0065122	.0008048
%RSD	4.472762	.8415299	.5597870	13.98685	3.031237	23.67520	1.571557

#1	.0271362	12.71665	.0484085	.0082673	-1.32217	.0319315	.0503962
#2	.0279738	12.86579	.0484729	.0073228	-1.24481	.0305588	.0520056
#3	.0296193	12.65766	.0489085	.0096631	-1.27729	.0200286	.0512191

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.735610	.0391002	.0481211	.0434964	.0465530	-.096428	.0008604
Stddev	.077722	.0032386	.0002679	.0005705	.0056118	.029505	.0027694
%RSD	10.56567	8.282848	.5566758	1.311536	12.05462	30.59770	321.8637

#1	-.648757	.0420625	.0482684	.0435548	.0401094	-.097933	-.000894
#2	-.798610	.0395955	.0482830	.0428990	.0491812	-.125152	.004053
#3	-.759464	.0356424	.0478119	.0440355	.0503683	-.066200	-.000578

Sample Name: ICSAB01DLX20 Acquired: 11/14/2025 14:20:02 Type: Unk
Method: 6010-200.7 NEW(v355) 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	-.044170	-.000897	.0005938
Stddev	.002416	.003296	.0004044
%RSD	5.468591	367.5845	68.10011

#1	-.042030	.002727	.0009697
#2	-.046790	-.003717	.0006458
#3	-.043691	-.001701	.0001660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.055	29715.54	3065.025	2629.248	3469.266
Stddev	1.406	246.36	30.215	22.374	4.164
%RSD	.0629881	.8290477	.9858022	.8509586	.1200160

#1	2230.718	29700.66	3051.598	2639.260	3472.119
#2	2231.927	29968.99	3043.849	2644.868	3471.192
#3	2233.521	29476.95	3099.626	2603.617	3464.488

Sample Name: CCV01 Acquired: 11/14/2025 14:24:15 Type: Unk
Method: 6010-200.7 NEW(v355) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.033534	4.664038	5.005978	4.991147	5.075010	10.33770	10.41191
Stddev	.021335	.205196	.010535	.024004	.006083	.06602	.02659
%RSD	.4238549	4.399546	.2104522	.4809345	.1198566	.6386596	.2553888

#1	5.017613	4.738951	4.995053	4.997325	5.072478	10.41032	10.43142
#2	5.025213	4.431910	5.016075	4.964658	5.070602	10.28129	10.38162
#3	5.057776	4.821251	5.006805	5.011458	5.081949	10.32149	10.42267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2583940	2.508694	25.79739	1.023109	2.522024	1.274675	5.187482
Stddev	.0025206	.004296	.10870	.004198	.004150	.002593	.035466
%RSD	.9754783	.1712595	.4213484	.4103567	.1645612	.2033916	.6836804

#1	.2589600	2.503806	25.84913	1.019789	2.517261	1.272078	5.188406
#2	.2556385	2.510400	25.67249	1.021710	2.524862	1.274684	5.222476
#3	.2605834	2.511875	25.87055	1.027828	2.523950	1.277263	5.151563

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.602546	25.57780	2.524585	1.284621	26.66033	2.563408	2.550766
Stddev	.003414	.01610	.003290	.001399	.19673	.003956	.004585
%RSD	.1311747	.0629463	.1303183	.1089004	.7379078	.1543397	.1797490

#1	2.601267	25.56597	2.520797	1.284645	26.59852	2.563916	2.546267
#2	2.599957	25.57130	2.526726	1.286008	26.88055	2.559221	2.555432
#3	2.606415	25.59614	2.526232	1.283211	26.50193	2.567085	2.550598

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.69594	5.095286	5.072453	5.010427	5.197250	4.999100	5.094932
Stddev	.22681	.036139	.006643	.006933	.010261	.040451	.015063
%RSD	.8826526	.7092729	.1309524	.1383748	.1974351	.8091592	.2956483

#1	25.71094	5.100303	5.076447	5.003682	5.203846	4.960708	5.097888
#2	25.91488	5.056900	5.064785	5.010067	5.185428	5.041335	5.078611
#3	25.46201	5.128654	5.076127	5.017534	5.202477	4.995256	5.108299

Sample Name: CCV01 Acquired: 11/14/2025 14:24:15 Type: Unk
Method: 6010-200.7 NEW(v355) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.045046	5.257270	5.216401
Stddev	.030246	.015462	.015354
%RSD	.5995218	.2941010	.2943375

#1	5.065839	5.269258	5.231182
#2	5.010348	5.239818	5.200532
#3	5.058950	5.262733	5.217488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.434	29239.35	2995.098	2611.752	3271.574
Stddev	8.978	245.99	32.830	17.267	16.394
%RSD	.4074408	.8412845	1.096134	.6611390	.5010910

#1	2204.184	28961.57	2961.537	2592.040	3272.453
#2	2194.104	29326.89	3027.146	2619.012	3254.759
#3	2212.013	29429.60	2996.610	2624.203	3287.511

Sample Name: LLICV01 Acquired: 11/14/2025 14:33:18 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0231609	.0363716	.0119658	.0190411	.0510622	.1051986
Stddev	.0066447	.0023254	.0009502	.0038498	.0040276	.0308437
%RSD	28.68949	6.393389	7.940981	20.21850	7.887549	29.31952

#1	.0195581	.0336930	.0129758	.0150545	.0552200	.0915712
#2	.0190957	.0378731	.0110897	.0227378	.0471790	.1405089
#3	.0308290	.0375486	.0118319	.0193309	.0507876	.0835157

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006938	.0066169	.0061949	2.125922	.0114776	.0308803
Stddev	.0035837	.0001070	.0000633	.030956	.0002787	.0001636
%RSD	3.559015	1.617120	1.022208	1.456144	2.428490	.5298945

#1	.0999283	.0066060	.0062663	2.090369	.0111688	.0309939
#2	.0975548	.0067290	.0061453	2.146906	.0117106	.0306928
#3	.1045985	.0065158	.0061732	2.140491	.0115534	.0309544

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222667	.1062138	.0231045	2.176195	.0408571	.0110980
Stddev	.0007906	.0067167	.0004395	.060019	.0008703	.0005092
%RSD	3.550659	6.323763	1.902125	2.757993	2.130198	4.588170

#1	.0229733	.0984590	.0231880	2.198711	.0418594	.0105945
#2	.0214128	.1099844	.0226292	2.108174	.0404202	.0110870
#3	.0224141	.1101980	.0234962	2.221701	.0402918	.0116127

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.791668	.0427903	.0439457	1.831555	.0954948	.2004405
Stddev	.020161	.0031797	.0005786	.074292	.0014109	.0001690
%RSD	1.125272	7.430831	1.316542	4.056242	1.477494	.0843025

#1	1.785184	.0456436	.0432826	1.767503	.0955697	.2002556
#2	1.775547	.0393626	.0443481	1.913001	.0968668	.2004791
#3	1.814273	.0433647	.0442063	1.814161	.0940479	.2005868

Sample Name: LLICV01 Acquired: 11/14/2025 14:33:18 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0392911	.0373274	F .2867119	.0193180	F -.019612	.0181297
Stddev	.0010518	.0047268	.0701075	.0019631	.007345	.0101242
%RSD	2.676807	12.66309	24.45226	10.16214	37.45161	55.84285

#1	.0403628	.0321548	.2400151	.0170837	-.011176	.0284688
#2	.0382605	.0384051	.3673283	.0201040	-.023073	.0082351
#3	.0392500	.0414222	.2527923	.0207664	-.024587	.0176853

Elem	Sr4077
Units	ppm
Avg	.0218433
Stddev	.0002112
%RSD	.9666558

#1	.0220554
#2	.0216331
#3	.0218415

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.882	29330.40	3105.039	2630.628	3547.880
Stddev	2.442	234.54	12.242	28.606	7.365
%RSD	.1078823	.7996316	.3942600	1.087434	.2075923

#1	2264.099	29601.09	3093.807	2663.335	3541.867
#2	2261.338	29187.82	3103.223	2618.274	3545.679
#3	2266.208	29202.29	3118.088	2610.274	3556.095

Sample Name: CCB01 Acquired: 11/14/2025 14:37:20 Type: Unk
Method: 6010-200.7 NEW(v355) 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	-.000332	-.005283	.0002118	-.000321	-.000521	-.014828	-.000987
Stddev	.004045	.007328	.0013176	.002992	.003235	.056068	.002414
%RSD	1218.421	138.7104	622.1992	932.6486	620.4589	378.1350	244.5169

#1	-.003431	-.013739	-.001283	-.003046	-.004248	-.022415	.000793
#2	.004244	-.000789	.000712	.002880	.001114	.044648	-.000020
#3	-.001809	-.001321	.001206	-.000797	.001569	-.066715	-.003735

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000218	.0000222	.0266724	.0002304	.0001951	.0005009	.0107097
Stddev	.000190	.0001606	.0379002	.0006272	.0007555	.0007919	.0318848
%RSD	87.12895	722.3578	142.0950	272.1866	387.2132	158.0972	297.7197

#1	.000001	.0002046	.0206447	-.000466	-.000571	.0004228	.0241092
#2	-.000336	-.000098	.0672252	.000750	.000216	.0013289	.0337080
#3	-.000319	-.000040	-.007853	.000407	.000940	-.000249	-.025688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011799	.0002776	-.000084	-.002048	-.846727	.0009116	-.000176
Stddev	.0001643	.0107835	.000638	.001737	.090377	.0061888	.000707
%RSD	13.92048	3884.240	756.8840	84.79462	10.67366	678.9318	401.6538

#1	.0013664	-.008015	-.000048	-.000387	-.947330	-.005108	.000611
#2	.0011171	.012468	.000534	-.003852	-.772398	.007257	-.000382
#3	.0010564	-.003620	-.000739	-.001905	-.820455	.000586	-.000757

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.448783	-.013456	.0002482	-.001210	-.002298	-.130738	-.001104
Stddev	.065285	.000887	.0005605	.000303	.000104	.012459	.001989
%RSD	14.54702	6.595171	225.7773	24.99689	4.519140	9.530027	180.1232

#1	-.524111	-.013664	.0008947	-.001463	-.002294	-.126286	-.000482
#2	-.413640	-.012483	-.000048	-.001292	-.002404	-.121116	.000500
#3	-.408599	-.014220	-.000102	-.000875	-.002196	-.144812	-.003331

Sample Name: CCB01 Acquired: 11/14/2025 14:37:20 Type: Unk
Method: 6010-200.7 NEW(v355) 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 -.041092	-.005298	.0005324
Stddev	.001757	.006455	.0000958
%RSD	4.276045	121.8486	18.00044

#1	-.039843	.001113	.0004402
#2	-.040332	-.005209	.0005254
#3	-.043101	-.011797	.0006315

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.242	29197.10	3076.000	2636.756	3556.813
Stddev	8.437	201.45	18.494	22.931	10.661
%RSD	.3762617	.6899722	.6012445	.8696853	.2997300

#1	2232.624	29424.45	3058.387	2660.586	3545.620
#2	2248.396	29126.03	3074.348	2634.838	3566.846
#3	2245.705	29040.81	3095.264	2614.843	3557.972

Sample Name: PB170459BL Acquired: 11/14/2025 14:43:48 Type: Unk
Method: 6010-200.7 NEW(v355) 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	-.002669	-.000811	.0013365	-.002129	-.001460	-.006463	-.002741
Stddev	.007157	.003008	.0008226	.010999	.000585	.014906	.002227
%RSD	268.1899	371.0837	61.54304	516.7024	40.06261	230.6220	81.24207

#1	-.001982	.002498	.0022556	.010531	-.001008	-.019406	-.004287
#2	-.010145	-.001550	.0010845	-.009340	-.002120	.009835	-.003749
#3	.004120	-.003380	.0006695	-.007577	-.001251	-.009819	-.000188

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000221	.0000004	-.013455	.0005440	-.000123	.0001309	.0463950
Stddev	.000140	.0001248	.024409	.0004486	.000093	.0008039	.0166170
%RSD	63.26219	31729.62	181.4205	82.47069	75.52903	613.9722	35.81644

#1	-.000239	.0001440	-.032206	.0000884	-.000230	.0010573	.0638882
#2	-.000351	-.000061	.014145	.0009853	-.000067	-.000383	.0308207
#3	-.000073	-.000082	-.022302	.0005583	-.000071	-.000281	.0444762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003930	-.034912	-.000776	-.001100	-.700740	-.003307	.0004436
Stddev	.0010986	.028652	.000844	.001329	.090149	.004696	.0008113
%RSD	279.5356	82.07016	108.7727	120.7807	12.86489	142.0148	182.8826

#1	.0014313	-.034506	.000119	-.002107	-.802797	-.005844	.0013784
#2	.0005050	-.006465	-.000889	.000406	-.667465	-.006188	.0000295
#3	-.000757	-.063765	-.001557	-.001600	-.631958	.002112	-.000077

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090934	-.017459	-.000167	-.001572	-.003905	-.124777	.0017132
Stddev	.096306	.000835	.000200	.001395	.006418	.009948	.0031214
%RSD	105.9073	4.784402	119.3213	88.70015	164.3342	7.972900	182.1973

#1	-.133415	-.017444	-.000077	-.000043	-.010462	-.114388	-.000300
#2	-.158695	-.016632	-.000396	-.002773	-.003618	-.125724	.000130
#3	.019308	-.018302	-.000029	-.001901	.002364	-.134217	.005309

Sample Name: PB170459BL Acquired: 11/14/2025 14:43:48 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.052034	.0009229	.0004873
Stddev	.006355	.0036770	.0003008
%RSD	12.21389	398.4331	61.72045

#1	-.056464	.0004768	.0004297
#2	-.054886	.0048025	.0002195
#3	-.044752	-.002511	.0008128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.742	28987.38	3024.545	2628.326	3528.183
Stddev	1.658	106.08	26.056	19.643	1.581
%RSD	.0745046	.3659536	.8614706	.7473498	.0448068

#1	2226.151	28864.89	2994.959	2605.808	3526.431
#2	2223.918	29048.53	3044.068	2637.230	3529.502
#3	2227.158	29048.72	3034.609	2641.939	3528.617

Sample Name: PB170459BS Acquired: 11/14/2025 14:48:05 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.7830728	1.872280	.9591934	1.998087	.8165724	2.039835	.2034752
Stddev	.0018215	.073754	.0039812	.018229	.0030082	.010110	.0049084
%RSD	.2326023	3.939244	.4150607	.9123241	.3683977	.4956285	2.412264

#1	.7851753	1.823031	.9582819	1.994793	.8135146	2.051411	.2067682
#2	.7820673	1.957076	.9557470	2.017738	.8195285	2.035357	.2058236
#3	.7819757	1.836734	.9635514	1.981729	.8166740	2.032738	.1978338

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2113718	.1944803	1.100526	.4116788	.1993964	.3109997	3.161958
Stddev	.0009137	.0002196	.031007	.0004070	.0005732	.0010985	.035230
%RSD	.4322809	.1128927	2.817431	.0988569	.2874515	.3532255	1.114194

#1	.2111460	.1944829	1.075888	.4112103	.1990579	.3097865	3.160350
#2	.2123772	.1942595	1.135342	.4118818	.1990731	.3112854	3.127559
#3	.2105921	.1946986	1.090348	.4119444	.2000581	.3119271	3.197964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2089868	2.070623	.5009151	.0788114	2.994442	.3036664	.2103736
Stddev	.0009330	.072390	.0015453	.0010092	.087049	.0043921	.0003130
%RSD	.4464449	3.496043	.3084990	1.280526	2.907019	1.446347	.1487992

#1	.2088076	2.119269	.5012979	.0791567	2.898910	.3028755	.2106908
#2	.2099964	2.105168	.4992144	.0776748	3.069276	.3084002	.2100649
#3	.2081564	1.987432	.5022331	.0796025	3.015141	.2997236	.2103652

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69655	.2888466	.4004537	.6766402	.2008541	.8654250	5.743544
Stddev	.11880	.0014033	.0018464	.0018352	.0045884	.0200321	.012373
%RSD	1.110661	.4858324	.4610773	.2712166	2.284431	2.314713	.2154167

#1	10.56960	.2890550	.4017540	.6771883	.2008031	.8790059	5.729701
#2	10.71499	.2901342	.4012668	.6781389	.1962915	.8424187	5.753525
#3	10.80504	.2873508	.3983403	.6745935	.2054678	.8748504	5.747406

Sample Name: PB170459BS Acquired: 11/14/2025 14:48:05 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.047427	.2178807	.2009626
Stddev	.004690	.0048428	.0010991
%RSD	9.888442	2.222686	.5469056
#1	-.052435	.2233659	.2018949
#2	-.043139	.2141962	.2012422
#3	-.046707	.2160800	.1997508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.623	29234.15	3030.658	2619.836	3480.203
Stddev	4.348	67.40	9.883	.850	10.766
%RSD	.1942161	.2305615	.3260994	.0324612	.3093372
#1	2235.254	29244.06	3028.699	2620.232	3478.966
#2	2243.531	29296.05	3021.902	2620.417	3491.533
#3	2237.084	29162.34	3041.374	2618.860	3470.109

Sample Name: PB170471BL Acquired: 11/14/2025 15:00:52 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0031921	-.000816	.0011200	-.002889	-.005290	-.006107
Stddev	.0040444	.005533	.0027383	.002437	.003328	.029062
%RSD	126.6996	677.9204	244.4862	84.36255	62.90717	475.8940

#1	.0002239	-.005782	.0036762	-.004368	-.006705	-.039661
#2	.0015538	.005149	-.001770	-.000076	-.001488	.010209
#3	.0077987	-.001815	.001454	-.004224	-.007675	.011132

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004171	-.000123	.0000674	-.007894	.0015058	.0000248
Stddev	.002411	.000124	.0000898	.020692	.0002634	.0000821
%RSD	57.80316	101.1081	133.1426	262.1358	17.49420	330.7791

#1	-.004069	-.000243	.0001503	-.014030	.0017590	-.000061
#2	-.001812	.000004	.0000798	-.024824	.0012332	.000034
#3	-.006630	-.000128	-.000028	.015173	.0015252	.000102

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003642	F .0542712	.0029117	-.036456	-.000253	.0005438
Stddev	.0003392	.0080956	.0004371	.082329	.000727	.0013132
%RSD	93.15507	14.91703	15.00988	225.8334	287.2076	241.4815

#1	.0001279	.0517758	.0024634	-.093869	.000442	-.000813
#2	.0002117	.0633208	.0029353	.057870	-.000193	.001809
#3	.0007529	.0477170	.0033365	-.073369	-.001009	.000636

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.077258	.0007885	.0000873	-.090036	-.022540	-.000491
Stddev	.102864	.0032890	.0007536	.056873	.001854	.000680
%RSD	133.1438	417.1338	862.7602	63.16650	8.223840	138.7043

#1	-.177823	.0043393	.0009408	-.061258	-.020414	-.001275
#2	.027759	.0001799	-.000193	-.155547	-.023820	-.000127
#3	-.081709	-.002154	-.000486	-.053304	-.023386	-.000069

Sample Name: PB170471BL Acquired: 11/14/2025 15:00:52 Type: Unk
Method: 6010-200.7 NEW(v355) 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	-.000442	-.005433	-.114248	.0012477	F -.040369	-.001581
Stddev	.002714	.001401	.035309	.0037847	.004309	.005063
%RSD	614.6267	25.77886	30.90513	303.3272	10.67301	320.2095

#1	.000866	-.006219	-.074428	-.001275	-.037532	-.007093
#2	.001371	-.003816	-.126576	.005599	-.038248	-.000514
#3	-.003562	-.006265	-.141740	-.000581	-.045327	.002864

Elem	Sr4077
Units	ppm
Avg	.0000610
Stddev	.0002189
%RSD	358.6373

#1	-.000071
#2	-.000059
#3	.000314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.789	29946.82	3019.071	2683.871	3628.728
Stddev	5.385	131.62	23.048	15.841	10.162
%RSD	.2378825	.4395251	.7634131	.5902308	.2800501

#1	2265.239	29795.23	3015.795	2667.548	3630.401
#2	2257.827	30013.16	2997.837	2699.181	3617.833
#3	2268.300	30032.08	3043.582	2684.884	3637.950

Sample Name: PB170471BS Acquired: 11/14/2025 15:05:11 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.7671152	1.835992	.9356496	1.953605	.8024572	2.002419	.1946612
Stddev	.0067482	.032602	.0017181	.003035	.0074733	.009938	.0024519
%RSD	.8796856	1.775726	.1836292	.1553783	.9313075	.4962943	1.259583

#1	.7626773	1.809928	.9358144	1.950903	.8108237	1.993257	.1974266
#2	.7637873	1.825501	.9372794	1.956890	.8001049	2.012984	.1927528
#3	.7748810	1.872549	.9338551	1.953023	.7964430	2.001016	.1938043

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051549	.1900419	1.069824	.4024693	.1951255	.3054353	3.085330
Stddev	.0001907	.0002183	.037601	.0007291	.0002142	.0011824	.031430
%RSD	.0929548	.1148509	3.514651	.1811593	.1097593	.3871299	1.018697

#1	.2053549	.1902888	1.030197	.4023916	.1952038	.3050714	3.054508
#2	.2049750	.1898746	1.074273	.4017822	.1952895	.3067569	3.117335
#3	.2051347	.1899624	1.105002	.4032342	.1948832	.3044776	3.084149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2081626	1.967788	.4893630	.0775774	3.366811	.3106400	.2069302
Stddev	.0022855	.039942	.0004064	.0016363	.019448	.0064316	.0006851
%RSD	1.097926	2.029793	.0830503	2.109280	.5776238	2.070427	.3310728

#1	.2062471	1.956795	.4894456	.0777393	3.376628	.3161860	.2064109
#2	.2075482	1.934493	.4897217	.0791268	3.344412	.3035896	.2077066
#3	.2106924	2.012075	.4889216	.0758662	3.379393	.3121446	.2066730

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59574	.2771888	.3952915	.6623826	.1941117	.8211000	5.663434
Stddev	.08002	.0014394	.0015220	.0017094	.0014025	.0550428	.010587
%RSD	.7552129	.5192696	.3850271	.2580708	.7225381	6.703550	.1869414

#1	10.52366	.2779891	.3940802	.6612834	.1931625	.8372262	5.652574
#2	10.68185	.2780502	.3969999	.6615125	.1934500	.8662784	5.664002
#3	10.58170	.2755272	.3947945	.6643520	.1957227	.7597952	5.673726

Sample Name: PB170471BS Acquired: 11/14/2025 15:05:11 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.051060	.2189290	.1971595
Stddev	.009242	.0033032	.0007346
%RSD	18.10009	1.508788	.3726107

#1	-.041256	.2227073	.1975431
#2	-.052314	.2174920	.1963125
#3	-.059612	.2165877	.1976230

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.043	29678.46	3087.955	2686.275	3554.903
Stddev	3.605	84.88	5.239	14.446	9.958
%RSD	.1582699	.2860012	.1696662	.5377768	.2801277

#1	2276.162	29733.91	3087.894	2690.502	3545.494
#2	2275.766	29720.73	3093.224	2698.137	3553.882
#3	2282.200	29580.75	3082.746	2670.187	3565.332

Sample Name: PB170557BL Acquired: 11/14/2025 15:09:17 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0003929	-.001763	.0017373	-.001432	-.002264	-.016680	-.007590
Stddev	.0062089	.006475	.0006450	.005223	.004309	.016221	.003848
%RSD	1580.246	367.1680	37.12557	364.7836	190.3222	97.25253	50.69099

#1	.0038965	-.009239	.0019078	-.006359	.002530	.001855	-.011230
#2	.0040580	.002065	.0022799	.004044	-.005816	-.028286	-.003564
#3	-.006776	.001883	.0010242	-.001981	-.003507	-.023609	-.007978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	-.000060	.0075873	.0005784	.0000343	-.000434	.0229006
Stddev	.000075	.000033	.0174861	.0002305	.0000679	.000797	.0083379
%RSD	67.66031	55.22455	230.4647	39.84912	197.6357	183.4462	36.40935

#1	-.000036	-.000025	.0268190	.0003971	.0001087	-.001274	.0237934
#2	-.000110	-.000065	.0032979	.0008377	.0000186	-.000338	.0307562
#3	-.000187	-.000090	-.007355	.0005003	-.000024	.000310	.0141521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015131	.0080329	-.000518	.0002612	-.008250	.0058472	.0003390
Stddev	.0008940	.0633881	.000425	.0008710	.063441	.0051681	.0002791
%RSD	59.08245	789.1080	81.98416	333.3870	768.9400	88.38717	82.32766

#1	.0023284	-.049026	-.000995	.0010369	-.040236	.0003111	.0002548
#2	.0016539	-.003140	-.000382	-.000681	.064817	.0066855	.0001117
#3	.0005571	.076265	-.000178	.000428	-.049332	.0105449	.0006504

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029171	-.018754	-.000098	-.001794	-.002006	-.151335	.0036627
Stddev	.053975	.002074	.000188	.002299	.003213	.029302	.0023843
%RSD	185.0277	11.05791	191.6193	128.1868	160.2145	19.36266	65.09601

#1	.030799	-.018730	.000080	.000853	.001271	-.181412	.0061276
#2	-.073852	-.016693	-.000294	-.002931	-.002135	-.122874	.0034924
#3	-.044461	-.020840	-.000080	-.003302	-.005152	-.149719	.0013681

Sample Name: PB170557BL Acquired: 11/14/2025 15:09:17 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.046431	-.000767	.0000091
Stddev	.001638	.005711	.0001585
%RSD	3.528078	744.8472	1738.410

#1	-.048170	.000760	.0001008
#2	-.046204	.004026	.0001005
#3	-.044917	-.007086	-.000174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.869	30947.59	3191.276	2762.057	3761.008
Stddev	4.768	106.96	18.047	19.258	9.553
%RSD	.2023116	.3456064	.5654957	.6972394	.2539976

#1	2354.675	30908.04	3170.465	2774.940	3752.342
#2	2353.593	30866.04	3200.758	2739.918	3759.431
#3	2362.339	31068.69	3202.606	2771.312	3771.252

Sample Name: PB170557BS Acquired: 11/14/2025 15:13:36 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.7789084	1.789392	.9506416	1.976454	.8024012	2.000670	.1926611
Stddev	.0037166	.050307	.0023231	.003430	.0019669	.035591	.0013077
%RSD	.4771594	2.811392	.2443763	.1735270	.2451329	1.778961	.6787470

#1	.7746817	1.780639	.9482098	1.975264	.8017909	2.041059	.1915304
#2	.7803780	1.843500	.9508767	1.980320	.8046010	1.987053	.1923598
#3	.7816655	1.744035	.9528382	1.973778	.8008118	1.973898	.1940932

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2055330	.1927879	1.072445	.4077257	.1964969	.3075129	3.103829
Stddev	.0005450	.0005863	.031684	.0004876	.0003291	.0005171	.027616
%RSD	.2651690	.3040993	2.954381	.1195950	.1674840	.1681496	.8897373

#1	.2054185	.1923744	1.041957	.4073373	.1961642	.3073470	3.078022
#2	.2061262	.1925305	1.105203	.4082730	.1965042	.3070992	3.132954
#3	.2050544	.1934588	1.070174	.4075669	.1968223	.3080926	3.100512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2029176	2.005025	.4948789	.0768516	3.213987	.2959052	.2054868
Stddev	.0016553	.032932	.0003314	.0019028	.085866	.0048479	.0000872
%RSD	.8157634	1.642474	.0669577	2.475883	2.671639	1.638336	.0424369

#1	.2013054	1.978211	.4948508	.0783874	3.226030	.2943120	.2055642
#2	.2028344	2.041783	.4952235	.0774444	3.122735	.3013493	.2053924
#3	.2046129	1.995081	.4945625	.0747230	3.293196	.2920544	.2055038

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.56263	.2763807	.3928271	.6693541	.1946072	.8407547	5.684546
Stddev	.20794	.0006298	.0007014	.0016599	.0056738	.0204412	.014655
%RSD	1.968642	.2278691	.1785474	.2479919	2.915503	2.431297	.2578113

#1	10.32877	.2757779	.3936235	.6675231	.1999290	.8468874	5.667937
#2	10.72669	.2770344	.3925568	.6707606	.1952554	.8574275	5.695657
#3	10.63244	.2763298	.3923012	.6697787	.1886371	.8179491	5.690045

Sample Name: PB170557BS Acquired: 11/14/2025 15:13:36 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.045778	.2076785	.1929912
Stddev	.004771	.0052311	.0004018
%RSD	10.42207	2.518858	.2081803

#1	-.040318	.2136269	.1925301
#2	-.047869	.2037951	.1931776
#3	-.049146	.2056135	.1932659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.553	30221.24	3190.388	2710.997	3619.807
Stddev	3.017	68.38	14.450	8.805	7.035
%RSD	.1293616	.2262639	.4529257	.3247753	.1943487

#1	2334.020	30297.74	3188.229	2711.554	3624.079
#2	2329.082	30166.05	3177.139	2701.927	3611.687
#3	2334.556	30199.94	3205.796	2719.510	3623.654

Sample Name: PB170558BL Acquired: 11/14/2025 15:17:41 Type: Unk
Method: 6010-200.7 NEW(v355) 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	-.000252	-.003914	.0007172	-.000155	-.003855	-.034222	-.004007
Stddev	.004657	.004027	.0017609	.005667	.000626	.020460	.003635
%RSD	1847.669	102.8961	245.5327	3659.729	16.23551	59.78694	90.71080

#1	-.000655	-.003172	-.001316	.004587	-.003174	-.056071	-.005228
#2	-.004695	-.008260	.001696	-.006431	-.003986	-.015514	.000081
#3	.004593	-.000309	.001771	.001379	-.004405	-.031082	-.006874

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0001331	-.014928	.0007344	.0002073	-.000402	.0075122
Stddev	.000112	.0000073	.007365	.0007112	.0003787	.000438	.0181724
%RSD	420.1369	5.500477	49.33524	96.84672	182.6626	108.7929	241.9031

#1	.000040	.0001287	-.009299	-.000070	.0006441	-.000902	.0069446
#2	-.000156	.0001291	-.012222	.001281	.0000061	-.000091	-.010370
#3	.000036	.0001416	-.023264	.000992	-.000028	-.000213	.025962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009367	-.003056	-.000264	-.000224	-.110185	.0042486	-.000062
Stddev	.0004923	.032422	.000646	.000874	.076423	.0136873	.000763
%RSD	52.55609	1060.956	244.4814	390.7657	69.35902	322.1604	1228.768

#1	.0013632	.033875	-.000510	-.000570	-.087073	.0198187	-.000848
#2	.0003980	-.016204	-.000752	-.000871	-.195496	-.005886	-.000013
#3	.0010488	-.026839	.000469	.000770	-.047985	-.001187	.000675

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.139927	-.016054	.0000823	-.000620	-.004869	-.150716	-.001058
Stddev	.113817	.001300	.0003877	.001075	.002404	.034849	.000590
%RSD	81.34056	8.095722	471.0148	173.4408	49.37879	23.12259	55.78877

#1	-.090638	-.014553	.0003153	-.001193	-.006300	-.142532	-.000450
#2	-.270081	-.016780	-.000365	.000620	-.006213	-.188929	-.001095
#3	-.059062	-.016828	.000297	-.001286	-.002093	-.120687	-.001629

Sample Name: PB170558BL Acquired: 11/14/2025 15:17:41 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.048756	-.007282	.0002285
Stddev	.010379	.004015	.0001282
%RSD	21.28747	55.13940	56.11222

#1	-.045444	-.007588	.0000982
#2	-.040437	-.003122	.0003545
#3	-.060387	-.011135	.0002328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2355.624	30937.26	3190.757	2749.408	3756.676
Stddev	4.998	35.44	24.921	7.625	7.842
%RSD	.2121584	.1145672	.7810233	.2773176	.2087367

#1	2352.160	30912.31	3166.618	2752.749	3748.459
#2	2353.358	30921.63	3216.392	2740.684	3757.489
#3	2361.353	30977.83	3189.262	2754.792	3764.079

Sample Name: PB170558BS Acquired: 11/14/2025 15:22:00 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.7538468	1.768072	.9247672	1.921737	.7921062	1.983858	.1878952
Stddev	.0031064	.026545	.0038627	.011836	.0035731	.038098	.0035230
%RSD	.4120689	1.501352	.4176943	.6159157	.4510841	1.920407	1.874979
#1	.7564942	1.794882	.9279513	1.926985	.7962262	1.940348	.1845582
#2	.7504272	1.741800	.9204702	1.930043	.7898565	1.999988	.1915786
#3	.7546190	1.767534	.9258802	1.908184	.7902360	2.011238	.1875487
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2035016	.1873172	1.061567	.3957467	.1921202	.3001300	3.073151
Stddev	.0008662	.0006460	.065274	.0018520	.0003874	.0015052	.010969
%RSD	.4256652	.3448514	6.148861	.4679698	.2016216	.5015251	.3569201
#1	.2028489	.1880612	.988710	.3969075	.1925502	.3004966	3.084213
#2	.2044843	.1869907	1.114719	.3967217	.1917986	.2984754	3.072964
#3	.2031715	.1868996	1.081270	.3936109	.1920118	.3014182	3.062278
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2054491	1.925310	.4829871	.0764748	3.286781	.2980369	.2026005
Stddev	.0030227	.063154	.0003576	.0007009	.048769	.0122901	.0003046
%RSD	1.471276	3.280193	.0740347	.9165381	1.483795	4.123694	.1503265
#1	.2025023	1.854747	.4826251	.0756705	3.325843	.3075819	.2028500
#2	.2053026	1.976531	.4829960	.0767992	3.302379	.3023592	.2026903
#3	.2085424	1.944652	.4833401	.0769548	3.232121	.2841695	.2022611
Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37494	.2735593	.3838850	.6478883	.1912388	.7709709	5.602724
Stddev	.04984	.0008056	.0013174	.0020638	.0016447	.0140843	.011503
%RSD	.4803567	.2944923	.3431802	.3185491	.8600276	1.826820	.2053028
#1	10.38877	.2743907	.3845154	.6498303	.1893396	.7547277	5.605537
#2	10.41639	.2735051	.3823708	.6457211	.1921871	.7783956	5.590076
#3	10.31964	.2727822	.3847687	.6481135	.1921896	.7797893	5.612559

Sample Name: PB170558BS Acquired: 11/14/2025 15:22:00 Type: Unk
Method: 6010-200.7 NEW(v355) 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	F -.049057	.2074858	.1949958
Stddev	.006823	.0045567	.0011975
%RSD	13.90811	2.196157	.6141385
#1	-.047740	.2082636	.1952243
#2	-.056442	.2116036	.1960626
#3	-.042988	.2025903	.1937004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.328	30529.42	3185.000	2769.547	3640.477
Stddev	10.713	76.05	18.374	5.040	16.732
%RSD	.4556303	.2491063	.5769056	.1819793	.4596187
#1	2352.035	30571.27	3205.411	2763.753	3637.671
#2	2361.670	30575.35	3169.779	2772.918	3658.435
#3	2340.279	30441.64	3179.810	2771.971	3625.325

Sample Name: Q3628-01 Acquired: 11/14/2025 15:28:50 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0747274	-.001885	1.058395	-.000780	-.018939	114.8302	.6507977
Stddev	.0039468	.003305	.004736	.006351	.003817	.1626	.0024314
%RSD	5.281569	175.3451	.4474622	813.9438	20.15454	.1416130	.3736071

#1	.0707870	.001626	1.053111	.005221	-.014686	114.7801	.6535266
#2	.0786805	-.004937	1.062256	-.007432	-.020066	115.0120	.6500050
#3	.0747146	-.002345	1.059818	-.000130	-.022067	114.6985	.6488616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091412	.0069219	19.51130	.1893660	.1241837	.2877790	240.2539
Stddev	.0000548	.0001989	.05629	.0016872	.0011365	.0013816	1.3987
%RSD	.5990352	2.873903	.2885115	.8909516	.9151349	.4800923	.5821947

#1	.0092031	.0067218	19.55416	.1878603	.1254599	.2863783	241.1580
#2	.0090991	.0071197	19.53219	.1890481	.1238105	.2891407	238.6428
#3	.0091214	.0069241	19.44755	.1911894	.1232808	.2878179	240.9609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.696560	35.80961	.2244291	-.016613	3.611533	.3586558	4.457784
Stddev	.008434	.06475	.0009700	.001782	.058940	.0047315	.018508
%RSD	.1480571	.1808037	.4322039	10.72499	1.631988	1.319227	.4151827

#1	5.687218	35.87831	.2235688	-.014696	3.566391	.3625818	4.468519
#2	5.703615	35.74972	.2254804	-.018218	3.589997	.3599831	4.436413
#3	5.698847	35.80082	.2242381	-.016925	3.678213	.3534024	4.468420

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.854798	.1312306	.0029675	.0830354	4.680221	7.580491	5.619835
Stddev	.127251	.0064090	.0001046	.0015339	.016182	.043964	.015308
%RSD	1.437091	4.883732	3.523432	1.847317	.3457469	.5799653	.2723871

#1	8.896050	.1382616	.0030877	.0828946	4.667609	7.602621	5.625858
#2	8.712038	.1257154	.0029176	.0846348	4.698466	7.608993	5.631214
#3	8.956305	.1297149	.0028972	.0815767	4.674587	7.529859	5.602431

Sample Name: Q3628-01 Acquired: 11/14/2025 15:28:50 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.5712061	.1583328	-.094842
Stddev	.0040422	.0056428	.001100
%RSD	.7076669	3.563852	1.160006

#1	.5667686	.1606409	-.095277
#2	.5746782	.1624556	-.093591
#3	.5721716	.1519019	-.095658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.703	35457.70	3764.160	3261.921	3397.411
Stddev	14.616	141.34	19.894	18.902	17.280
%RSD	.5269400	.3986114	.5285073	.5794654	.5086174

#1	2757.704	35468.00	3785.779	3257.146	3378.038
#2	2786.354	35593.60	3746.625	3282.752	3402.961
#3	2777.050	35311.48	3760.075	3245.864	3411.233

Sample Name: Q3631-01 Acquired: 11/14/2025 15:32:56 Type: Unk
Method: 6010-200.7 NEW(v355) 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	.0640235	.0042668	.7838930	-.002451	-.020903	176.6739	1.551283
Stddev	.0035954	.0037268	.0040657	.007298	.003678	.5255	.004062
%RSD	5.615727	87.34541	.5186579	297.7238	17.59626	.2974601	.2618385

#1	.0600526	.0059600	.7821548	.005974	-.024241	176.3773	1.550055
#2	.0670581	.0068464	.7885388	-.006518	-.021507	176.3636	1.547977
#3	.0649597	-.000006	.7809852	-.006809	-.016960	177.2807	1.555817

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134249	.0073768	65.56916	.3121572	.2022153	.4388819	362.5919
Stddev	.0001910	.0000635	.17114	.0015973	.0003342	.0010205	.8211
%RSD	1.423013	.8604702	.2610128	.5116980	.1652899	.2325162	.2264656

#1	.0135937	.0073086	65.40771	.3118715	.2025850	.4399453	361.6612
#2	.0134634	.0074342	65.55120	.3138781	.2019347	.4387898	362.8999
#3	.0132175	.0073875	65.74858	.3107220	.2021261	.4379106	363.2144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.209287	79.97198	.4472911	-.024962	3.536961	.4595242	1.357681
Stddev	.012209	.16642	.0011162	.001186	.053793	.0133770	.003279
%RSD	.1325697	.2081031	.2495542	4.751641	1.520887	2.911061	.2415053

#1	9.209922	79.82177	.4464634	-.026296	3.568919	.4741617	1.356529
#2	9.196773	79.94329	.4485606	-.024028	3.474855	.4479331	1.361380
#3	9.221165	80.15089	.4468492	-.024561	3.567109	.4564778	1.355133

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.29769	.2916367	.0069914	.0500107	4.456240	4.958880	7.455054
Stddev	.19072	.0014817	.0007766	.0016315	.017429	.114477	.017100
%RSD	.7252392	.5080737	11.10749	3.262316	.3911213	2.308529	.2293736

#1	26.11527	.2931278	.0072486	.0517355	4.450617	5.023111	7.461747
#2	26.28205	.2916177	.0061189	.0484920	4.442316	4.826710	7.435620
#3	26.49575	.2901645	.0076068	.0498048	4.475787	5.026818	7.467795

Sample Name: Q3631-01 Acquired: 11/14/2025 15:32:56 Type: Unk
Method: 6010-200.7 NEW(v355) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.676607	.4611172	-.094618
Stddev	.011971	.0036742	.000746
%RSD	.7140137	.7968117	.7880760

#1	1.678459	.4572743	-.093758
#2	1.663817	.4614815	-.095089
#3	1.687543	.4645957	-.095006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.722	37540.65	4034.803	3417.408	3321.329
Stddev	6.650	172.88	11.284	15.786	5.751
%RSD	.2295029	.4605097	.2796675	.4619300	.1731671

#1	2890.838	37718.20	4042.979	3435.558	3316.481
#2	2898.215	37530.88	4039.502	3409.798	3319.821
#3	2904.111	37372.86	4021.929	3406.869	3327.684

Sample Name: CCV02 Acquired: 11/14/2025 15:37:00 Type: Unk
Method: 6010-200.7 NEW(v355) 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	4.962511	4.739500	4.963275	4.977380	4.971777	9.970017	9.865393
Stddev	.018033	.200837	.014116	.026822	.022933	.059167	.005956
%RSD	.3633875	4.237506	.2844020	.5388744	.4612696	.5934517	.0603686

#1	4.971891	4.882609	4.947182	4.973763	4.954968	10.03606	9.869516
#2	4.973922	4.825981	4.969082	5.005827	4.997902	9.92185	9.868098
#3	4.941721	4.509910	4.973560	4.952550	4.962460	9.95214	9.858565

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2491232	2.475382	24.87994	1.004387	2.473927	1.243739	5.050362
Stddev	.0011410	.008048	.04064	.005028	.007681	.004971	.046960
%RSD	.4580092	.3251045	.1633573	.5005551	.3104758	.3996845	.9298373

#1	.2504205	2.466140	24.92687	1.000312	2.465104	1.238745	5.022902
#2	.2486732	2.480839	24.85617	1.002844	2.479115	1.248687	5.104585
#3	.2482757	2.479168	24.85679	1.010005	2.477563	1.243785	5.023598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.475730	24.81542	2.476821	1.246582	24.38138	2.486442	2.494968
Stddev	.005790	.19934	.007606	.002618	.26837	.019042	.000877
%RSD	.2338702	.8032915	.3070882	.2100235	1.100718	.7658403	.0351614

#1	2.481909	25.00158	2.468061	1.244286	24.07197	2.487607	2.495453
#2	2.474853	24.83957	2.480659	1.246026	24.52119	2.504874	2.493955
#3	2.470429	24.60511	2.481743	1.249433	24.55098	2.466844	2.495496

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.41765	4.905733	4.952998	4.954617	4.956085	4.947511	4.895474
Stddev	.14699	.020487	.009966	.015001	.020484	.050461	.014539
%RSD	.6019665	.4176182	.2012102	.3027762	.4133196	1.019932	.2969812

#1	24.33530	4.929372	4.948341	4.944759	4.977881	4.890977	4.891327
#2	24.58735	4.893130	4.964440	4.971881	4.953146	4.987997	4.911636
#3	24.33029	4.894697	4.946213	4.947210	4.937230	4.963559	4.883460

Sample Name: CCV02 Acquired: 11/14/2025 15:37:00 Type: Unk
Method: 6010-200.7 NEW(v355) 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	4.909707	4.909359	4.954165
Stddev	.040131	.011112	.009478
%RSD	.8173835	.2263345	.1913164

#1	4.928618	4.909179	4.961548
#2	4.936888	4.920559	4.957470
#3	4.863614	4.898338	4.943477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.719	30515.36	3177.105	2709.203	3417.853
Stddev	2.398	74.58	25.126	5.753	2.755
%RSD	.1035835	.2444118	.7908469	.2123400	.0806093

#1	2317.478	30483.23	3151.017	2704.505	3421.033
#2	2313.541	30462.23	3179.155	2707.485	3416.172
#3	2313.138	30600.63	3201.144	2715.619	3416.356

Sample Name: CCB02 Acquired: 11/14/2025 15:40:58 Type: Unk
Method: 6010-200.7 NEW(v355) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030142	-.003782	.0010534	-.003059	-.003101	-.016040	-.003592
Stddev	.0042325	.002013	.0019573	.002015	.001392	.015804	.002440
%RSD	140.4209	53.22417	185.8209	65.86584	44.87996	98.52648	67.92782

#1	.0075977	-.003542	.0032160	-.002096	-.003310	.002197	-.001758
#2	.0021914	-.005905	.0005405	-.001706	-.001617	-.024602	-.002657
#3	-.000747	-.001900	-.000597	-.005374	-.004377	-.025717	-.006362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000164	.0001829	-.032469	.0003614	.0001309	-.000461	.0098623
Stddev	.000052	.0001700	.030644	.0007342	.0001186	.000695	.0178980
%RSD	31.65133	92.97230	94.38074	203.1639	90.58497	150.9265	181.4793

#1	-.000224	.0002770	-.066227	.0011304	.0002603	.000257	.0181513
#2	-.000142	.0002850	-.006404	-.000332	.0000275	-.001132	-.010678
#3	-.000128	-.000013	-.024775	.000286	.0001050	-.000507	.022113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012773	.0090222	.0002418	-.000285	-.757393	-.000096	.0004084
Stddev	.0007998	.0346089	.0001748	.000726	.040999	.011207	.0007984
%RSD	62.61936	383.5956	72.27535	254.2584	5.413142	11682.84	195.5014

#1	.0013242	.0485732	.0002950	.000305	-.804468	.011207	-.000223
#2	.0004550	-.015710	.0003838	-.000066	-.729514	-.000291	.000143
#3	.0020526	-.005797	.0000466	-.001095	-.738196	-.011204	.001306

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.467973	-.011223	.0008337	.0007301	-.002673	-.157558	.0012531
Stddev	.132884	.000777	.0001232	.0010447	.000478	.023979	.0010510
%RSD	28.39571	6.925239	14.77827	143.0816	17.89192	15.21914	83.87168

#1	-.620254	-.011568	.0009316	-.000299	-.002746	-.184864	.0012301
#2	-.408143	-.010333	.0008741	.000699	-.002162	-.139932	.0002138
#3	-.375521	-.011768	.0006953	.001790	-.003110	-.147877	.0023154

Sample Name: CCB02 Acquired: 11/14/2025 15:40:58 Type: Unk
Method: 6010-200.7 NEW(v355) Mode: CONC Corr. Factor: 1.000000
User: Jaswal Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	F -.051843	-.003741	.0002527
Stddev	.007594	.001704	.0000325
%RSD	14.64825	45.55730	12.85993

#1	-.043881	-.002260	.0002823
#2	-.059006	-.003359	.0002580
#3	-.052643	-.005604	.0002179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.943	31062.84	3266.376	2807.586	3786.074
Stddev	6.960	228.32	28.892	22.460	15.203
%RSD	.2903896	.7350269	.8845174	.7999589	.4015568

#1	2399.803	31246.63	3234.415	2821.578	3790.597
#2	2402.017	30807.25	3274.076	2781.680	3798.502
#3	2389.008	31134.64	3290.638	2819.500	3769.122

LB137851

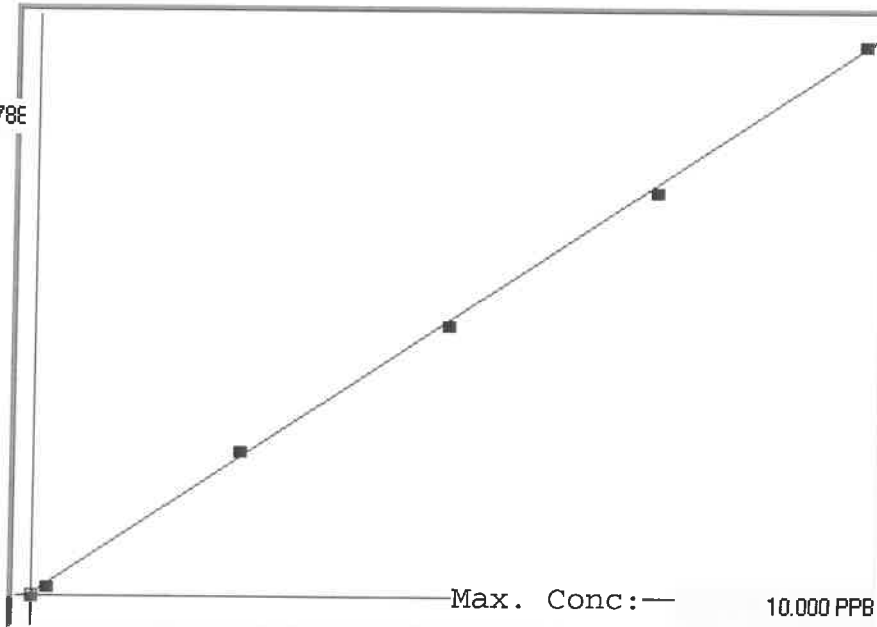
7471B

INSTRUMENT ID: CV1

Linear

μ Abs.:

56788



A= 0.0000e+000

B= 1.7780e-004

C= -3.3110e-002

Rho= 0.9997834

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	-0.016	-0.016	99	0.000	99				
0.2	0.200	0.169	-0.031	1135	0.0 %	1135				
2.5	2.500	2.633	0.133	14996	0.0 %	14996				
5.0	5.000	4.949	-0.051	28024	0.0 %	28024				
7.5	7.500	7.401	-0.099	41811	0.0 %	41811				
10.0	10.000	10.064	0.064	56788	0.0 %	56788				

LB137851 INSTRUMENT ID : CV1

Method: 7471B

Operator: Admin

Date of Analysis: 11 Nov 2025 14:00:55

Type	Sample ID	Extended ID	Conc.	μ Abs.	Units	Type	Std ConcMethod	Date
S	0.0 - 1	50	-	99	PPB	Std	0.00007471B	11 Nov 2025 14:07:23
S	0.2 - 1	50.2	-	1135	PPB	Std	0.20007471B	11 Nov 2025 14:09:40
S	2.5 - 1	52.5	-	14996	PPB	Std	2.50007471B	11 Nov 2025 14:11:57
S	5.0 - 1	53	-	28024	PPB	Std	5.00007471B	11 Nov 2025 14:14:14
S	7.5 - 1	53.5	-	41811	PPB	Std	7.50007471B	11 Nov 2025 14:16:31
S	10.0 - 1	54	-	56788	PPB	Std	10.00007471B	11 Nov 2025 14:18:48
U	ICV109 - 1	ICV109	4.2621	24158	PPB	SMPL	-7471B	11 Nov 2025 14:21:49
U	ICB109 - 1	ICB109	-0.0530	-112	PPB	SMPL	-7471B	11 Nov 2025 14:24:04
U	CCV56 - 1	CCV56	5.3589	30327	PPB	SMPL	-7471B	11 Nov 2025 14:26:20
U	CCB56 - 1	CCB56	-0.0587	-144	PPB	SMPL	-7471B	11 Nov 2025 14:28:35
U	CRA - 1	CRA	0.1598	1085	PPB	SMPL	-7471B	11 Nov 2025 14:33:47
U	HighStd - 1	HighStd	9.8104	55364	PPB	SMPL	-7471B	11 Nov 2025 14:36:02
U	ChkStd - 1	ChkStd	6.8910	38944	PPB	SMPL	-7471B	11 Nov 2025 14:38:25
U	PB170491BL - 1	PB170491BL	-0.0676	-194	PPB	SMPL	-7471B	11 Nov 2025 14:40:44
U	PB170491BS - 1	PB170491BS	4.2615	24155	PPB	SMPL	-7471B	11 Nov 2025 14:48:04
U	Q3581-01 - 1	VNJ-238	0.3611	2217	PPB	SMPL	-7471B	11 Nov 2025 14:50:21
U	Q3581-03 - 1	VNJ-245	0.2249	1451	PPB	SMPL	-7471B	11 Nov 2025 14:52:39
U	Q3581-05 - 1	VNJ-240	2.0142	11515	PPB	SMPL	-7471B	11 Nov 2025 14:54:56
U	Q3581-07 - 1	RBR200059	0.4208	2553	PPB	SMPL	-7471B	11 Nov 2025 14:57:13
U	Q3582-04 - 1	RT4912	1.7886	10246	PPB	SMPL	-7471B	11 Nov 2025 14:59:29
U	CCV57 - 1	CCV57	4.9391	27966	PPB	SMPL	-7471B	11 Nov 2025 15:01:44
U	CCB57 - 1	CCB57	-0.0585	-143	PPB	SMPL	-7471B	11 Nov 2025 15:04:08
U	Q3583-04 - 1	CHRT27080	0.0544	492	PPB	SMPL	-7471B	11 Nov 2025 15:06:37
U	Q3586-01 - 1	SED-1	0.0864	672	PPB	SMPL	-7471B	11 Nov 2025 15:09:00
U	Q3586-02 - 1	SED-2	3.2824	18648	PPB	SMPL	-7471B	11 Nov 2025 15:11:15
U	Q3586-03 - 1	SED-3	0.2046	1337	PPB	SMPL	-7471B	11 Nov 2025 15:13:30
U	Q3587-01 - 1	NB-08-110725	0.1582	1076	PPB	SMPL	-7471B	11 Nov 2025 15:15:49
U	Q3588-01 - 1	TR-06-11072025	1.0120	5878	PPB	SMPL	-7471B	11 Nov 2025 15:18:13
U	Q3588-03 - 1	TR-01-11072025	1.3180	7599	PPB	SMPL	-7471B	11 Nov 2025 15:20:30
U	Q3597-01 - 1	TP-1	-0.0660	-185	PPB	SMPL	-7471B	11 Nov 2025 15:22:47
U	Q3597-04 - 1	TP-2	-0.0290	23	PPB	SMPL	-7471B	11 Nov 2025 15:25:06
U	Q3597-07 - 1	TP-3	-0.0141	107	PPB	SMPL	-7471B	11 Nov 2025 15:27:29
U	CCV58 - 1	CCV58	5.2677	29814	PPB	SMPL	-7471B	11 Nov 2025 15:30:12
U	CCB58 - 1	CCB58	-0.0957	-352	PPB	SMPL	-7471B	11 Nov 2025 15:32:29
U	Q3597-10 - 1	TP-4	-0.0072	146	PPB	SMPL	-7471B	11 Nov 2025 15:34:48
U	Q3597-10DUP - 1	TP-4DUP	-0.0136	110	PPB	SMPL	-7471B	11 Nov 2025 15:37:03
U	Q3597-10MS - 1	TP-4MS	3.6357	20635	PPB	SMPL	-7471B	11 Nov 2025 15:39:19
U	Q3597-10MSD - 1	TP-4MSD	3.2776	18621	PPB	SMPL	-7471B	11 Nov 2025 15:41:34
U	PB170492BL - 1	PB170492BL	-0.0761	-242	PPB	SMPL	-7471B	11 Nov 2025 15:44:01
U	PB170492BS - 1	PB170492BS	4.1223	23372	PPB	SMPL	-7471B	11 Nov 2025 15:46:19
U	Q3598-01 - 1	EO-CONCRETE	2.1543	12303	PPB	SMPL	-7471B	11 Nov 2025 15:49:18
U	Q3599-01 - 1	LIVINGSTON-SOIL	0.0177	286	PPB	SMPL	-7471B	11 Nov 2025 15:51:47
U	Q3600-01 - 1	CENTRAL-ROW-CONCRETE	0.4375	2647	PPB	SMPL	-7471B	11 Nov 2025 15:54:04
U	Q3601-01 - 1	TP-1	3.0244	17197	PPB	SMPL	-7471B	11 Nov 2025 15:56:20
U	CCV59 - 1	CCV59	4.7066	26658	PPB	SMPL	-7471B	11 Nov 2025 15:58:36
U	CCB59 - 1	CCB59	-0.0527	-110	PPB	SMPL	-7471B	11 Nov 2025 16:00:52
U	Q3601-05 - 1	TP-2	4.8369	27391	PPB	SMPL	-7471B	11 Nov 2025 16:03:10
U	Q3601-09 - 1	TP-3	10.3884	58615	PPB	SMPL	-7471B	11 Nov 2025 16:05:26
U	Q3601-13 - 1	TP-4	2.6111	14872	PPB	SMPL	-7471B	11 Nov 2025 16:07:51
U	Q3601-17 - 1	TP-5	7.6621	43281	PPB	SMPL	-7471B	11 Nov 2025 16:10:30
U	Q3601-17DUP - 1	TP-5DUP	6.8124	38502	PPB	SMPL	-7471B	11 Nov 2025 16:13:26
U	Q3601-17MS - 1	TP-5MS	8.1567	46063	PPB	SMPL	-7471B	11 Nov 2025 16:19:20
U	Q3601-17MSD - 1	TP-5MSD	8.6755	48981	PPB	SMPL	-7471B	11 Nov 2025 16:21:39
U	Q3597-10LX5 - 1		-0.1183	-479	PPB	SMPL	-7471B	11 Nov 2025 16:23:58
U	Q3597-10A - 1		4.1463	23507	PPB	SMPL	-7471B	11 Nov 2025 16:26:18
U	Q3601-17LX5 - 1		1.9088	10922	PPB	SMPL	-7471B	11 Nov 2025 16:28:34
U	CCV60 - 1	CCV60	4.7176	26720	PPB	SMPL	-7471B	11 Nov 2025 16:30:50
U	CCB60 - 1	CCB60	-0.0978	-364	PPB	SMPL	-7471B	11 Nov 2025 16:33:06
U	Q3601-17A - 1		8.8252	49823	PPB	SMPL	-7471B	11 Nov 2025 16:35:23
U	Q3601-09DLX2 - 1		5.4419	30794	PPB	SMPL	-7471B	11 Nov 2025 16:37:39
U	CCV61 - 1	CCV61	4.8874	27675	PPB	SMPL	-7471B	11 Nov 2025 16:40:06
U	CCB61 - 1	CCB61	-0.0475	-81	PPB	SMPL	-7471B	11 Nov 2025 16:42:23

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 11/10/2025 Time : 14:40 Temp : 96 °C

End Digest Date: 11/10/2025 Time : 16:42 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SLG*

Supervisor Signature: *MS*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6209
LFS-2	1.00	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	5.00	M6187
1:1 HNO3	10.00	MP86978
30% H2O2	3.00	M6170
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/25 17:42	<i>SLG met dig</i>	<i>MS - metal lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB170471BL	PBS471	N/A	2.00	100	Colorless	Colorless	Fine	No	N/A	1
PB170471BS	LCS471	N/A	2.00	100	Colorless	Colorless	Fine	No	M6209,M6201	2
Q3581-01MS	VNJ-238MS	N/A	2.30	100	Brown	Yellow	Medium	No	M6209,M6201	5
Q3581-01MSD	VNJ-238MSD	N/A	2.14	100	Brown	Yellow	Medium	No	M6209,M6201	6
Q3581-01DUP	VNJ-238DUP	N/A	2.14	100	Brown	Yellow	Medium	No	N/A	4
Q3581-01	VNJ-238	N/A	2.12	100	Brown	Yellow	Medium	No	N/A	3
Q3581-03	VNJ-245	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	7
Q3581-05	VNJ-240	N/A	2.20	100	Brown	Yellow	Medium	No	N/A	8
Q3581-07	RBR200059	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	9
Q3582-04	RT4912	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	10
Q3583-04	CHRT27080	N/A	2.14	100	Brown	Yellow	Medium	No	N/A	11
Q3586-01	SED-1	N/A	2.22	100	Brown	Yellow	Medium	No	N/A	12
Q3586-02	SED-2	N/A	2.26	100	Brown	Yellow	Medium	No	N/A	13
Q3586-03	SED-3	N/A	2.12	100	Brown	Yellow	Medium	No	N/A	14
Q3587-01	NB-08-110725	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	15
Q3588-01	TR-06-11072025	N/A	2.30	100	Brown	Yellow	Medium	No	N/A	16
Q3588-03	TR-01-11072025	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	17

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB170471

Worklist ID : 193014

Department : Digestion

Date : 11-10-2025 14:11:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D41	11/07/2025	6010D
Q3581-03	VNJ-245	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D41	11/07/2025	6010D
Q3581-05	VNJ-240	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D41	11/07/2025	6010D
Q3581-07	RBR200059	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D41	11/07/2025	6010D
Q3582-04	RT4912	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D31	11/07/2025	6010D
Q3583-04	CHRT27080	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG03	D41	11/07/2025	6010D
Q3586-01	SED-1	Solid	Metals ICP-TAL	Cool 4 deg C	REM102	D31	11/06/2025	6010D
Q3586-02	SED-2	Solid	Metals ICP-TAL	Cool 4 deg C	REM102	D31	11/06/2025	6010D
Q3586-03	SED-3	Solid	Metals ICP-TAL	Cool 4 deg C	REM102	D31	11/06/2025	6010D
Q3587-01	NB-08-110725	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	D41	11/07/2025	6010D
Q3588-01	TR-06-11072025	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	D41	11/07/2025	6010D
Q3588-03	TR-01-11072025	Solid	Metals ICP-TAL	Cool 4 deg C	PSEG05	D41	11/07/2025	6010D

Date/Time 11/10/2025 14:15

Raw Sample Received by: Slag met dig

Raw Sample Relinquished by: CPCS m1

Date/Time 11/10/2028 15:15

Raw Sample Received by: CPCS m1

Raw Sample Relinquished by: Slag met dig

SOP ID : M7471B-Mercury-19

SDG No : N/A

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #1

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

Start Digest Date: 11/11/2025 Time : 08:40 Temp : 95 °C

End Digest Date: 11/11/2025 Time : 09:10 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *ms*

Supervisor Signature: *n*

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87923
CCV	30mL	MP87925
CRA	30mL	MP87927
Blank Spike	0.48mL	MP87916
Matrix Spike	0.48mL	MP897916

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5MI	MP87929
KMnO4 (5%)	4.5mL	MP87634
Hydroxylamine HCL (12%)	2.4mL	MP87635
PTFE Boiling Stones	N/A	M5582
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	30MI	MP87917
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30MI	MP87918
2.5 ppb	S2.5	30MI	MP87919
5.0 ppb	S5.0	30MI	MP87920
7.5 ppb	S7.5	30mL	MP87921
10.0 ppb	S10.0	30mL	MP87922
ICV	ICV	30MI	MP87923
ICB	ICB	30MI	MP87924
CCV	CCV	30MI	MP87925
CCB	CCB	30MI	MP87926
CRI	CRI	30MI	MP87927
CHK STD	CHK STD	30MI	MP87928

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25 9:45	ms - 11150 Lab	pb - metal Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB170491BL	PBS491	0.50	35	N/A	N/A	3-1
PB170491BS	LCS491	0.50	35	N/A	MP87916	2
Q3581-01	VNJ-238	0.52	35	N/A	N/A	3
Q3581-03	VNJ-245	0.53	35	N/A	N/A	4
Q3581-05	VNJ-240	0.60	35	N/A	N/A	5
Q3581-07	RBR200059	0.52	35	N/A	N/A	6
Q3582-04	RT4912	0.52	35	N/A	N/A	7
Q3583-04	CHRT27080	0.57	35	N/A	N/A	8
Q3586-01	SED-1	0.60	35	N/A	N/A	9
Q3586-02	SED-2	0.51	35	N/A	N/A	10
Q3586-03	SED-3	0.54	35	N/A	N/A	11
Q3587-01	NB-08-110725	0.58	35	N/A	N/A	12
Q3588-01	TR-06-11072025	0.51	35	N/A	N/A	13
Q3588-03	TR-01-11072025	0.60	35	N/A	N/A	14
Q3597-01	TP-1	0.54	35	N/A	N/A	15
Q3597-04	TP-2	0.51	35	N/A	N/A	16
Q3597-07	TP-3	0.58	35	N/A	N/A	17
Q3597-10	TP-4	0.53	35	N/A	N/A	18
Q3597-10DUP	TP-4DUP	0.53	35	N/A	N/A	19
Q3597-10MS	TP-4MS	0.55	35	N/A	MP87916	20
Q3597-10MSD	TP-4MSD	0.53	35	N/A	MP87916	21

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 111125_7471 WorkList ID : 193024 Department : Digestion Date : 11-11-2025 07:53:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/07/2025	7471B
Q3581-03	VNJ-245	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/07/2025	7471B
Q3581-05	VNJ-240	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/07/2025	7471B
Q3581-07	RBR200059	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/07/2025	7471B
Q3582-04	RT4912	Solid	Mercury	Cool 4 deg C	PSEG03	D31	11/07/2025	7471B
Q3583-04	CHRT27080	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/07/2025	7471B
Q3586-01	SED-1	Solid	Mercury	Cool 4 deg C	REMI02	D31	11/06/2025	7471B
Q3586-02	SED-2	Solid	Mercury	Cool 4 deg C	REMI02	D31	11/06/2025	7471B
Q3586-03	SED-3	Solid	Mercury	Cool 4 deg C	REMI02	D31	11/06/2025	7471B
Q3587-01	NB-08-110725	Solid	Mercury	Cool 4 deg C	PSEG05	D41	11/07/2025	7471B
Q3588-01	TR-06-11072025	Solid	Mercury	Cool 4 deg C	PSEG05	D41	11/07/2025	7471B
Q3588-03	TR-01-11072025	Solid	Mercury	Cool 4 deg C	PSEG05	D41	11/07/2025	7471B
Q3597-01	TP-1	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/10/2025	7471B
Q3597-04	TP-2	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/10/2025	7471B
Q3597-07	TP-3	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/10/2025	7471B
Q3597-10	TP-4	Solid	Mercury	Cool 4 deg C	PSEG03	D41	11/10/2025	7471B

Date/Time 11/11/25 8:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 11/11/25 8:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137838

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3581-01	VNJ-238	1	1.14	10.78	11.92	10.38	85.7	
Q3581-03	VNJ-245	2	1.18	11.48	12.66	11.14	86.8	
Q3581-05	VNJ-240	3	1.19	10.33	11.52	10.38	89.0	
Q3581-07	RBR200059	4	1.13	10.74	11.87	10.48	87.1	
Q3582-04	RT4912	5	1.13	10.66	11.79	9.99	83.1	
Q3582-05	RT4912-E2	6	1.15	10.34	11.49	9.9	84.6	
Q3583-04	CHRT27080	7	1.00	10.99	11.99	2.6	14.6	sludge sample
Q3583-05	CHRT27080	8	1.13	10.53	11.66	2.45	12.5	sludge sample
Q3586-01	SED-1	9	1.18	10.48	11.66	7.77	62.9	
Q3586-02	SED-2	10	1.13	10.64	11.77	5.54	41.4	
Q3586-03	SED-3	11	1.17	10.63	11.8	6.58	50.9	
Q3587-01	NB-08-110725	12	1.16	10.48	11.64	10.81	92.1	
Q3587-02	NB-08-110725-E2	13	1.14	10.88	12.02	10.72	88.1	
Q3588-01	TR-06-11072025	14	1.16	10.27	11.43	10.8	93.9	
Q3588-02	TR-06-11072025-E2	15	1.15	10.40	11.55	10.8	92.8	
Q3588-03	TR-01-11072025	16	1.13	10.49	11.62	10.84	92.6	
Q3588-04	TR-01-11072025-E2	17	1.11	10.35	11.46	10.66	92.3	
Q3589-03	MDL-SOIL-QT4-2025-07	18	1.00	1.00	2.00	2.00	100.0	
Q3589-04	MDL-SOIL-QT4-2025-08	19	1.00	1.00	2.00	2.00	100.0	
Q3589-05	MDL-MED-SOIL-QT4-2025-07	20	1.00	1.00	2.00	2.00	100.0	
Q3589-06	MDL-MED-SOIL-QT4-2025-08	21	1.00	1.00	2.00	2.00	100.0	
Q3590-01	MOO-25-0314-0316-COMP	22	1.13	10.61	11.74	10.05	84.1	
Q3590-02	MOO-25-0314-0316-COMP	23	1.19	10.30	11.49	10.5	90.4	
Q3590-03	MOO-25-0317-0318-COMP	24	1.19	10.55	11.74	6.06	46.2	
Q3590-04	MOO-25-0317-0318-COMP	25	1.13	10.64	11.77	6.42	49.7	
Q3590-05	MOO-25-0319	26	1.00	1.00	2.00	2.00	100.0	plastic-debris sample
Q3590-06	MOO-25-0319	27	1.00	1.00	2.00	2.00	100.0	plastic-debris sample

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137838

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3591-01	KMH4680-END-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-02	KMH4680-END-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-03	M4-END-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-04	M4-END-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-05	M5-END-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3591-06	M5-END-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3592-01	11625	34	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3593-04	A-LAW-25-0167-0175-COMP	35	1.19	10.57	11.76	9.63	79.8	
Q3593-05	A-LAW-25-0167-0175-COMP	36	1.15	10.59	11.74	9.6	79.8	
Q3593-06	B-LAW-25-0167-0175-COMP	37	1.19	10.52	11.71	9.56	79.6	
Q3593-07	B-LAW-25-0167-0175-COMP	38	1.13	10.42	11.55	9.42	79.6	
Q3593-08	C-LAW-25-0156-0166-COMP	39	1.19	10.50	11.69	9.41	78.3	
Q3593-09	C-LAW-25-0156-0166-COMP	40	1.18	10.43	11.61	9.82	82.8	
Q3593-10	D-LAW-25-0156-0166-COMP	41	1.11	10.77	11.88	9.75	80.2	
Q3593-11	D-LAW-25-0156-0166-COMP	42	1.19	10.61	11.8	9.77	80.9	
Q3596-01	11-7-25-A	55	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3596-02	11-7-25-B	56	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3596-03	11-7-25-C	57	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3597-01	TP-1	43	1.13	10.69	11.82	11.54	97.4	
Q3597-02	TP-1-EPH-0-3	44	1.15	10.10	11.25	11.08	98.3	
Q3597-03	TP-1-EPH-3-6	45	1.16	10.16	11.32	11.00	96.9	
Q3597-04	TP-2	46	1.15	10.84	11.99	11.82	98.4	
Q3597-05	TP-2-EPH-0-3	47	1.18	10.20	11.38	11.23	98.5	
Q3597-06	TP-2-EPH-3-6	48	1.13	10.22	11.35	11.16	98.1	
Q3597-07	TP-3	49	1.16	10.11	11.27	11.03	97.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/11/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:30
In Date: 11/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137838

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3597-08	TP-3-EPH-0-3	50	1.14	10.52	11.66	11.47	98.2	
Q3597-09	TP-3-EPH-3-6	51	1.18	10.46	11.64	11.38	97.5	
Q3597-10	TP-4	52	1.11	10.71	11.82	11.58	97.8	
Q3597-11	TP-4-EPH-0-3	53	1.15	10.33	11.48	11.07	96.0	
Q3597-12	TP-4-EPH-3-6	54	1.18	10.19	11.37	11.18	98.1	
Q3598-01	EO-CONCRETE	58	1.15	10.14	11.29	10.47	91.9	
Q3599-01	LIVINGSTON-SOIL	59	1.15	10.19	11.34	10.55	92.2	
Q3600-01	CENTRAL-ROW-CONCRETE	60	1.11	10.72	11.83	10.26	85.4	
Q3600-02	CENTRAL-ROW-CONCRETE-E 2	61	1.18	10.44	11.62	10.07	85.2	
Q3601-01	TP-1	62	1.13	10.73	11.86	10.42	86.6	
Q3601-02	TP-1-EPH	63	1.16	10.77	11.93	10.52	86.9	
Q3601-03	TP-1-VOC	64	1.18	10.44	11.62	10.1	85.4	
Q3601-05	TP-2	65	1.17	10.66	11.83	10.48	87.3	
Q3601-06	TP-2-EPH	66	1.17	10.57	11.74	10.34	86.8	
Q3601-07	TP-2-VOC	67	1.18	10.12	11.3	10.05	87.6	
Q3601-09	TP-3	68	1.11	10.70	11.81	10.45	87.3	
Q3601-10	TP-3-EPH	69	1.15	10.00	11.15	9.91	87.6	
Q3601-11	TP-3-VOC	70	1.19	10.53	11.72	10.21	85.7	
Q3601-13	TP-4	71	1.15	10.99	12.14	10.94	89.1	
Q3601-14	TP-4-EPH	72	1.16	10.53	11.69	10.54	89.1	
Q3601-15	TP-4-VOC	73	1.11	10.35	11.46	10.58	91.5	
Q3601-17	TP-5	74	1.15	10.35	11.5	9.93	84.8	
Q3601-18	TP-5-EPH	75	1.16	10.22	11.38	9.68	83.4	
Q3601-19	TP-5-VOC	76	1.19	10.20	11.39	9.69	83.3	

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

WORKLIST(Hardcopy Internal Chain)

137838

WorkList Name : %1-111025 WorkList ID : 192994 Department : Wet-Chemistry Date : 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3581-01	VNJ-238	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3581-03	VNJ-245	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3581-05	VNJ-240	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3581-07	RBR200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3582-04	RT4912	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/07/2025	Chemtech -SO
Q3582-05	RT4912-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/07/2025	Chemtech -SO
Q3583-04	CHRT27080	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3583-05	CHRT27080	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3586-01	SED-1	Solid	Percent Solids	Cool 4 deg C	REMI02	D31	11/06/2025	Chemtech -SO
Q3586-02	SED-2	Solid	Percent Solids	Cool 4 deg C	REMI02	D31	11/06/2025	Chemtech -SO
Q3586-03	SED-3	Solid	Percent Solids	Cool 4 deg C	REMI02	D31	11/06/2025	Chemtech -SO
Q3587-01	NB-08-110725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3587-02	NB-08-110725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-01	TR-06-11072025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-02	TR-06-11072025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-03	TR-01-11072025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3588-04	TR-01-11072025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/07/2025	Chemtech -SO
Q3589-03	MDL-SOIL-QT4-2025-07	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO
Q3589-04	MDL-SOIL-QT4-2025-08	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO
Q3589-05	MDL-MED-SOIL-QT4-2025-07	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO
Q3589-06	MDL-MED-SOIL-QT4-2025-08	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	11/10/2025	Chemtech -SO

Date/Time 11/10/25 15:00 Date/Time 11/10/25 17:40
 Raw Sample Received by: CP Raw Sample Received by: CP
 Raw Sample Relinquished by: CP Raw Sample Relinquished by: CP

WORKLIST(Hardcopy Internal Chain)

137838

WorkList Name : %1-111025 WorkList ID : 192994 Department : Wet-Chemistry Date : 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3590-01	MOO-25-0314-0316-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-02	MOO-25-0314-0316-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-03	MOO-25-0317-0318-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-04	MOO-25-0317-0318-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-05	MOO-25-0319-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3590-06	MOO-25-0319-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-01	KMH4680-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-02	KMH4680-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-03	M4-END-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-04	M4-END-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-05	M5-END-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3591-06	M5-END-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3592-01	11625	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-04	A-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-05	A-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-06	B-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-07	B-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-08	C-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-09	C-LAW-25-0167-0175-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-10	D-LAW-25-0156-0166-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO
Q3593-11	D-LAW-25-0156-0166-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/07/2025	Chemtech -SO

Date/Time 11.10.25 15.00 Date/Time 11.10.25 17:40
 Raw Sample Received by: SA WOC Raw Sample Received by: OP SM
 Raw Sample Relinquished by: SA WOC Raw Sample Relinquished by: SA WOC

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-111025 WorkList ID : 192994 Department : Wet-Chemistry Date : 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3596-01	11-7-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/10/2025	Chemtech -SO
Q3596-02	11-7-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/10/2025	Chemtech -SO
Q3596-03	11-7-25-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/10/2025	Chemtech -SO
Q3597-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-02	TP-1-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-03	TP-1-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-04	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-05	TP-2-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-06	TP-2-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-07	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-08	TP-3-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-09	TP-3-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-10	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-11	TP-4-EPH-0-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3597-12	TP-4-EPH-3-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3598-01	EO-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3599-01	LIVINGSTON-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3600-01	CENTRAL-ROW-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3600-02	CENTRAL-ROW-CONCRETE-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO

Date/Time 11-10-25 13:00 Date/Time 11-10-25 17:40
 Raw Sample Received by: JP Raw Sample Received by: JP
 Raw Sample Relinquished by: JP Raw Sample Relinquished by: JP

WORKLIST(Hardcopy Internal Chain)

1378358

WorkList Name : %1-111025 WorkList ID : 192994 Department : Wet-Chemistry Date : 11-10-2025 08:07:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3601-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-05	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-06	TP-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-07	TP-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-09	TP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-10	TP-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-11	TP-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-13	TP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-14	TP-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-15	TP-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-17	TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-18	TP-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO
Q3601-19	TP-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/10/2025	Chemtech -SO

Date/Time 11.10.25 13:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 11.10.25 13:40

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 11:20		Jaswal	OK
2	S1	S1	CAL2	11/10/25 11:24		Jaswal	OK
3	S2	S2	CAL3	11/10/25 11:28		Jaswal	OK
4	S3	S3	CAL4	11/10/25 11:32		Jaswal	OK
5	S4	S4	CAL5	11/10/25 11:37		Jaswal	OK
6	S5	S5	CAL6	11/10/25 11:41		Jaswal	OK
7	ICV01	ICV01	ICV	11/10/25 11:45		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/10/25 11:57		Jaswal	OK
9	ICB01	ICB01	ICB	11/10/25 12:11		Jaswal	OK
10	CRI01	CRI01	CRDL	11/10/25 12:16		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/10/25 12:21		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/10/25 12:26		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/10/25 12:30		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/10/25 12:34		Jaswal	OK
15	CCV01	CCV01	CCV	11/10/25 12:38		Jaswal	OK
16	CCB01	CCB01	CCB	11/10/25 12:42		Jaswal	OK
17	Q3504-01	72-11986	SAM	11/10/25 12:47		Jaswal	OK
18	Q3562-01	EO-03-110625	SAM	11/10/25 12:51	MS/MSD fail for more than 50% parameters	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	Q3564-01	OR-03-11062025	SAM	11/10/25 12:55		Jaswal	OK
20	Q3577-01	WC-1A	SAM	11/10/25 13:00		Jaswal	OK
21	Q3580-01	346	SAM	11/10/25 13:04		Jaswal	OK
22	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 13:08	MS/MSD fail for more than 50% parameters	Jaswal	OK
23	Q3562-01L	EO-03-110625L	SD	11/10/25 13:12	MS/MSD fail for more than 50% parameters	Jaswal	OK
24	Q3562-01MS	EO-03-110625MS	MS	11/10/25 13:16	MS/MSD fail for more than 50% parameters	Jaswal	OK
25	Q3562-01MSD	EO-03-110625MSD	MSD	11/10/25 13:20	MS/MSD fail for more than 50% parameters	Jaswal	OK
26	Q3562-01A	EO-03-110625A	PS	11/10/25 13:24	MS/MSD fail for more than 50% parameters	Jaswal	OK
27	CCV02	CCV02	CCV	11/10/25 13:28		Jaswal	OK
28	CCB02	CCB02	CCB	11/10/25 13:54		Jaswal	OK
29	PB170412BL	PB170412BL	MB	11/10/25 13:58		Jaswal	OK
30	PB170412BS	PB170412BS	LCS	11/10/25 14:03		Jaswal	OK
31	Q3547-02	Comp	SAM	11/10/25 14:07		Jaswal	OK
32	Q3547-02DUP	CompDUP	DUP	11/10/25 14:17		Jaswal	OK
33	Q3547-02L	CompL	SD	11/10/25 14:21		Jaswal	OK
34	Q3547-02MS	CompMS	MS	11/10/25 14:26		Jaswal	OK
35	Q3547-02MSD	CompMSD	MSD	11/10/25 14:30		Jaswal	OK
36	Q3547-02A	CompA	PS	11/10/25 14:34	0.1ml m6008,m6017-10ml sample	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

37	Q3551-01	MANHOLE	SAM	11/10/25 14:38		Jaswal	OK
38	Q3552-04DL	MW-10DL	SAM	11/10/25 14:42	10x for Na	Jaswal	Confirms
39	CCV03	CCV03	CCV	11/10/25 14:46		Jaswal	OK
40	CCB03	CCB03	CCB	11/10/25 14:50		Jaswal	OK
41	Q3552-04DUPDL	MW-10DUPDL	DUP	11/10/25 14:55	10x for Na	Jaswal	Confirms
42	Q3552-04LDL	MW-10LDL	SD	11/10/25 14:59	NOT REQUIRED	Jaswal	Not Ok
43	Q3552-04MSDL	MW-10MSDL	MS	11/10/25 15:03	10x for Na	Jaswal	Confirms
44	Q3552-04MSDDL	MW-10MSDDL	MSD	11/10/25 15:08	10x for Na	Jaswal	Confirms
45	Q3552-04ADL	MW-10ADL	PS	11/10/25 15:12	NOT REQUIRED	Jaswal	Not Ok
46	PB170434BL	PB170434BL	MB	11/10/25 15:22		Jaswal	OK
47	PB170434BS	PB170434BS	LCS	11/10/25 15:27		Jaswal	OK
48	Q3560-01	SY-10D	SAM	11/10/25 15:31		Jaswal	OK
49	Q3560-02	SY-10D	SAM	11/10/25 15:35		Jaswal	OK
50	Q3560-03	SY-10S	SAM	11/10/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	11/10/25 15:44		Jaswal	OK
52	CCB04	CCB04	CCB	11/10/25 15:47		Jaswal	OK
53	Q3560-04	SY-10S	SAM	11/10/25 15:52		Jaswal	OK
54	Q3560-05	SY-10I	SAM	11/10/25 15:56		Jaswal	OK
55	Q3560-06	SY-10I	SAM	11/10/25 16:00		Jaswal	OK
56	Q3560-07	SY-12I	SAM	11/10/25 16:05		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

57	Q3560-08	SY-12I	SAM	11/10/25 16:09		Jaswal	OK
58	Q3560-09	SY-12D	SAM	11/10/25 16:13		Jaswal	OK
59	Q3560-10	SY-12D	SAM	11/10/25 16:17		Jaswal	OK
60	Q3566-01	WATER-TREATMENT	SAM	11/10/25 16:22		Jaswal	OK
61	Q3566-01DUP	WATER-TREATMENT	DUP	11/10/25 16:26		Jaswal	OK
62	Q3566-01L	WATER-TREATMENT	SD	11/10/25 16:30		Jaswal	OK
63	CCV05	CCV05	CCV	11/10/25 16:35		Jaswal	OK
64	CCB05	CCB05	CCB	11/10/25 16:38		Jaswal	OK
65	Q3566-01MS	WATER-TREATMENT	MS	11/10/25 16:43		Jaswal	OK
66	Q3566-01MSD	WATER-TREATMENT	MSD	11/10/25 16:47		Jaswal	OK
67	Q3566-01A	WATER-TREATMENT	PS	11/10/25 16:51	0.1ml m6008,m6017-10ml sample	Jaswal	OK
68	Q3569-01	MW-2	SAM	11/10/25 16:55		Jaswal	OK
69	Q3569-02	MW-12	SAM	11/10/25 16:59		Jaswal	OK
70	PB170461BL	PB170461BL	MB	11/10/25 17:04		Jaswal	OK
71	PB170461BS	PB170461BS	LCS	11/10/25 17:08		Jaswal	OK
72	Q3575-02	002 35th Ave (Nov)	SAM	11/10/25 17:14		Jaswal	OK
73	Q3575-02DUP	002 35th Ave (Nov)DU	DUP	11/10/25 17:18		Jaswal	OK
74	Q3575-02L	002 35th Ave (Nov)L	SD	11/10/25 17:23		Jaswal	OK
75	CCV06	CCV06	CCV	11/10/25 17:27		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

76	CCB06	CCB06	CCB	11/10/25 17:31		Jaswal	OK
77	LR-1	LR-1	HIGH STD	11/10/25 18:18		Jaswal	OK
78	LR-2	LR-2	HIGH STD	11/10/25 18:22		Jaswal	OK
79	Q3575-02MS	002 35th Ave (Nov)MS	MS	11/10/25 18:31		Jaswal	OK
80	Q3575-02MSD	002 35th Ave (Nov)MSD	MSD	11/10/25 18:35		Jaswal	OK
81	Q3575-02A	002 35th Ave (Nov)A	PS	11/10/25 18:39	0.1ml m6008,m6017-10ml sample	Jaswal	OK
82	LR-3	LR-3	HIGH STD	11/10/25 18:53		Jaswal	OK
83	Q3575-01	001 Willets Pt Blvd (N	SAM	11/10/25 18:57		Jaswal	OK
84	Q3531-01	FALL-2025	SAM	11/10/25 19:02		Jaswal	OK
85	Q3586-01	SED-1	SAM	11/10/25 19:06		Jaswal	OK
86	Q3586-02	SED-2	SAM	11/10/25 19:10		Jaswal	OK
87	CCV07	CCV07	CCV	11/10/25 19:14		Jaswal	OK
88	CCB07	CCB07	CCB	11/10/25 19:18		Jaswal	OK
89	Q3586-03	SED-3	SAM	11/10/25 19:22		Jaswal	OK
90	Q3587-01	NB-08-110725	SAM	11/10/25 19:26		Jaswal	OK
91	Q3588-01	TR-06-11072025	SAM	11/10/25 19:30		Jaswal	OK
92	Q3588-03	TR-01-11072025	SAM	11/10/25 19:34		Jaswal	OK
93	Q3581-01	VNJ-238	SAM	11/10/25 19:38		Jaswal	OK
94	Q3581-01DUP	VNJ-238DUP	DUP	11/10/25 19:42		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

95	Q3581-01L	VNJ-238L	SD	11/10/25 19:46		Jaswal	OK
96	Q3581-01MS	VNJ-238MS	MS	11/10/25 19:50		Jaswal	OK
97	Q3581-01MSD	VNJ-238MSD	MSD	11/10/25 19:54		Jaswal	OK
98	Q3581-01A	VNJ-238A	PS	11/10/25 19:58	0.1ml m6008,m6017-10ml sample	Jaswal	OK
99	CCV08	CCV08	CCV	11/10/25 20:11		Jaswal	OK
100	CCB08	CCB08	CCB	11/10/25 20:26		Jaswal	OK
101	Q3581-03	VNJ-245	SAM	11/10/25 20:30	Mn high	Jaswal	Dilution
102	Q3581-05	VNJ-240	SAM	11/10/25 20:34		Jaswal	OK
103	Q3581-07	RBR200059	SAM	11/10/25 20:38		Jaswal	OK
104	Q3582-04	RT4912	SAM	11/10/25 20:42		Jaswal	OK
105	Q3583-04	CHRT27080	SAM	11/10/25 20:46		Jaswal	OK
106	Q3581-03DL	VNJ-245DL	SAM	11/10/25 20:50	10x for Mn	Jaswal	Confirms
107	Q3584-01	SW-1	SAM	11/10/25 21:15		Jaswal	OK
108	Q3584-02	SW-2	SAM	11/10/25 21:20	Na high	Jaswal	Dilution
109	CCV09	CCV09	CCV	11/10/25 21:31		Jaswal	OK
110	CCB09	CCB09	CCB	11/10/25 21:41		Jaswal	OK
111	Q3584-03	SW-3	SAM	11/10/25 21:46	Na high	Jaswal	Dilution
112	Q3584-03DUP	SW-3DUP	DUP	11/10/25 21:50	Na high	Jaswal	Dilution
113	Q3584-03L	SW-3L	SD	11/10/25 21:55		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

114	Q3584-03MS	SW-3MS	MS	11/10/25 21:59	Na high	Jaswal	Dilution
115	Q3584-03MSD	SW-3MSD	MSD	11/10/25 22:03	Na high	Jaswal	Dilution
116	Q3584-03A	SW-3A	PS	11/10/25 22:08	0.1ml m6008,m6017-10ml sample	Jaswal	OK
117	Q3584-04	EB-2	SAM	11/10/25 22:12		Jaswal	OK
118	Q3584-05	FB-2	SAM	11/10/25 22:16		Jaswal	OK
119	Q3584-07DL	SEEP-1DL	SAM	11/10/25 22:20	Straight 10x Dilution	Jaswal	OK
120	Q3574-01	304641-01 Liquid	SAM	11/10/25 22:24		Jaswal	OK
121	CCV10	CCV10	CCV	11/10/25 22:29		Jaswal	OK
122	CCB10	CCB10	CCB	11/10/25 22:47		Jaswal	OK
123	Q3584-02DL	SW-2DL	SAM	11/10/25 22:51	10x for Na	Jaswal	Confirms
124	Q3584-03DL	SW-3DL	SAM	11/10/25 22:55	10x for Na	Jaswal	Confirms
125	Q3584-03DUPDL	SW-3DUPDL	DUP	11/10/25 23:00	10x for Na	Jaswal	Confirms
126	Q3584-03LDL	SW-3LDL	SD	11/10/25 23:04	NOT REQUIRED	Jaswal	Not Ok
127	Q3584-03MSDL	SW-3MSDL	MS	11/10/25 23:08	10x for Na	Jaswal	Confirms
128	Q3584-03MSDDL	SW-3MSDDL	MSD	11/10/25 23:13	10x for Na	Jaswal	Confirms
129	Q3584-03ADL	SW-3ADL	PS	11/10/25 23:17	NOT REQUIRED	Jaswal	Not Ok
130	Q3574-01DL	304641-01 LiquidDL	SAM	11/10/25 23:21	NOT REQUIRED	Jaswal	Not Ok
131	Q3584-07DL2	SEEP-1DL2	SAM	11/10/25 23:26	NOT REQUIRED	Jaswal	Not Ok
132	CCV11	CCV11	CCV	11/10/25 23:30		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

133	CCB11	CCB11	CCB	11/10/25 23:34		Jaswal	OK
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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/11/25 14:07		mohan	OK
2	S0.2	S0.2	CAL2	11/11/25 14:09		mohan	OK
3	S2.5	S2.5	CAL3	11/11/25 14:11		mohan	OK
4	S5	S5	CAL4	11/11/25 14:14		mohan	OK
5	S7.5	S7.5	CAL5	11/11/25 14:16		mohan	OK
6	S10	S10	CAL6	11/11/25 14:18		mohan	OK
7	ICV109	ICV109	ICV	11/11/25 14:21		mohan	OK
8	ICB109	ICB109	ICB	11/11/25 14:24		mohan	OK
9	CCV56	CCV56	CCV	11/11/25 14:26		mohan	OK
10	CCB56	CCB56	CCB	11/11/25 14:28		mohan	OK
11	CRA	CRA	CRDL	11/11/25 14:33		mohan	OK
12	HighStd	HighStd	HIGH STD	11/11/25 14:36		mohan	OK
13	ChkStd	ChkStd	SAM	11/11/25 14:38		mohan	OK
14	PB170491BL	PB170491BL	MB	11/11/25 14:40		mohan	OK
15	PB170491BS	PB170491BS	LCS	11/11/25 14:48		mohan	OK
16	Q3581-01	VNJ-238	SAM	11/11/25 14:50		mohan	OK
17	Q3581-03	VNJ-245	SAM	11/11/25 14:52		mohan	OK
18	Q3581-05	VNJ-240	SAM	11/11/25 14:54		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922		
ICV Standard	MP87923		
CCV Standard	MP87925		
ICSA Standard			
CRI Standard	MP87927		
LCS Standard			
Chk Standard	MP87924,MP87926,MP87928,MP87930		

19	Q3581-07	RBR200059	SAM	11/11/25 14:57		mohan	OK
20	Q3582-04	RT4912	SAM	11/11/25 14:59		mohan	OK
21	CCV57	CCV57	CCV	11/11/25 15:01		mohan	OK
22	CCB57	CCB57	CCB	11/11/25 15:04		mohan	OK
23	Q3583-04	CHRT27080	SAM	11/11/25 15:06		mohan	OK
24	Q3586-01	SED-1	SAM	11/11/25 15:09		mohan	OK
25	Q3586-02	SED-2	SAM	11/11/25 15:11		mohan	OK
26	Q3586-03	SED-3	SAM	11/11/25 15:13		mohan	OK
27	Q3587-01	NB-08-110725	SAM	11/11/25 15:15	SPIKE ERROR	mohan	OK
28	Q3588-01	TR-06-11072025	SAM	11/11/25 15:18	SPIKE ERROR	mohan	OK
29	Q3588-03	TR-01-11072025	SAM	11/11/25 15:20		mohan	OK
30	Q3597-01	TP-1	SAM	11/11/25 15:22		mohan	OK
31	Q3597-04	TP-2	SAM	11/11/25 15:25		mohan	OK
32	Q3597-07	TP-3	SAM	11/11/25 15:27		mohan	OK
33	CCV58	CCV58	CCV	11/11/25 15:30		mohan	OK
34	CCB58	CCB58	CCB	11/11/25 15:32		mohan	OK
35	Q3597-10	TP-4	SAM	11/11/25 15:34		mohan	OK
36	Q3597-10DUP	TP-4DUP	DUP	11/11/25 15:37		mohan	OK
37	Q3597-10MS	TP-4MS	MS	11/11/25 15:39		mohan	OK
38	Q3597-10MSD	TP-4MSD	MSD	11/11/25 15:41		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922		
ICV Standard	MP87923		
CCV Standard	MP87925		
ICSA Standard			
CRI Standard	MP87927		
LCS Standard			
Chk Standard	MP87924,MP87926,MP87928,MP87930		

39	PB170492BL	PB170492BL	MB	11/11/25 15:44		mohan	OK
40	PB170492BS	PB170492BS	LCS	11/11/25 15:46		mohan	OK
41	Q3598-01	EO-CONCRETE	SAM	11/11/25 15:49		mohan	OK
42	Q3599-01	LIVINGSTON-SOIL	SAM	11/11/25 15:51		mohan	OK
43	Q3600-01	CENTRAL-ROW-CON	SAM	11/11/25 15:54		mohan	OK
44	Q3601-01	TP-1	SAM	11/11/25 15:56		mohan	OK
45	CCV59	CCV59	CCV	11/11/25 15:58		mohan	OK
46	CCB59	CCB59	CCB	11/11/25 16:00		mohan	OK
47	Q3601-05	TP-2	SAM	11/11/25 16:03		mohan	OK
48	Q3601-09	TP-3	SAM	11/11/25 16:05	Hg high, need dilution	mohan	Dilution
49	Q3601-13	TP-4	SAM	11/11/25 16:07		mohan	OK
50	Q3601-17	TP-5	SAM	11/11/25 16:10		mohan	OK
51	Q3601-17DUP	TP-5DUP	DUP	11/11/25 16:13		mohan	OK
52	Q3601-17MS	TP-5MS	MS	11/11/25 16:19		mohan	OK
53	Q3601-17MSD	TP-5MSD	MSD	11/11/25 16:21		mohan	OK
54	Q3597-10L	TP-4L	SD	11/11/25 16:23		mohan	OK
55	Q3597-10A	TP-4A	PS	11/11/25 16:26		mohan	OK
56	Q3601-17L	TP-5L	SD	11/11/25 16:28		mohan	OK
57	CCV60	CCV60	CCV	11/11/25 16:30		mohan	OK
58	CCB60	CCB60	CCB	11/11/25 16:33		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137851

Review By	mohan	Review On	11/12/2025 12:15:01 PM
Supervise By	jaswal	Supervise On	11/12/2025 12:15:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP87917,MP87918,MP87919,MP87920,MP87921,MP87922
ICV Standard	MP87923
CCV Standard	MP87925
ICSA Standard	
CRI Standard	MP87927
LCS Standard	
Chk Standard	MP87924,MP87926,MP87928,MP87930

59	Q3601-17A	TP-5A	PS	11/11/25 16:35		mohan	OK
60	Q3601-09DL	TP-3DL	SAM	11/11/25 16:37	2X For Hg	mohan	Confirms
61	CCV61	CCV61	CCV	11/11/25 16:40		mohan	OK
62	CCB61	CCB61	CCB	11/11/25 16:42		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137927

Review By	jaswal	Review On	11/18/2025 12:15:01 PM
Supervise By	mohan	Supervise On	11/18/2025 12:19:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/14/25 12:51		Jaswal	OK
2	S1	S1	CAL2	11/14/25 12:55		Jaswal	OK
3	S2	S2	CAL3	11/14/25 13:00		Jaswal	OK
4	S3	S3	CAL4	11/14/25 13:04		Jaswal	OK
5	S4	S4	CAL5	11/14/25 13:08		Jaswal	OK
6	S5	S5	CAL6	11/14/25 13:12		Jaswal	OK
7	ICV01	ICV01	ICV	11/14/25 13:37		Jaswal	OK
8	ICB01	ICB01	ICB	11/14/25 13:45		Jaswal	OK
9	CRI01	CRI01	CRDL	11/14/25 14:00		Jaswal	OK
10	ICSA01	ICSA01	ICSA	11/14/25 14:07		Jaswal	OK
11	ICSAB01	ICSAB01	ICSAB	11/14/25 14:11		Jaswal	OK
12	ICSADL	ICSADL	ICSA	11/14/25 14:15		Jaswal	OK
13	ICSABDL	ICSABDL	ICSAB	11/14/25 14:20		Jaswal	OK
14	CCV01	CCV01	CCV	11/14/25 14:24		Jaswal	OK
15	LLICV01	LLICV01	LLICV	11/14/25 14:33		Jaswal	OK
16	CCB01	CCB01	CCB	11/14/25 14:37		Jaswal	OK
17	PB170459BL	PB170459BL	MB	11/14/25 14:43		Jaswal	OK
18	PB170459BS	PB170459BS	LCS	11/14/25 14:48		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137927

Review By	jaswal	Review On	11/18/2025 12:15:01 PM
Supervise By	mohan	Supervise On	11/18/2025 12:19:09 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	PB170471BL	PB170471BL	MB	11/14/25 15:00		Jaswal	OK
20	PB170471BS	PB170471BS	LCS	11/14/25 15:05		Jaswal	OK
21	PB170557BL	PB170557BL	MB	11/14/25 15:09		Jaswal	OK
22	PB170557BS	PB170557BS	LCS	11/14/25 15:13		Jaswal	OK
23	PB170558BL	PB170558BL	MB	11/14/25 15:17		Jaswal	OK
24	PB170558BS	PB170558BS	LCS	11/14/25 15:22		Jaswal	OK
25	Q3628-01	TP-5	SAM	11/14/25 15:28		Jaswal	OK
26	Q3631-01	VNJ-202	SAM	11/14/25 15:32		Jaswal	OK
27	CCV02	CCV02	CCV	11/14/25 15:37		Jaswal	OK
28	CCB02	CCB02	CCB	11/14/25 15:40		Jaswal	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Remington + Vermack Engineers

ADDRESS: 2059 Springdale Rd

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: Kyle Carlson @ rve.com

PHONE: 609-682-3019 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Edison Landfill

PROJECT NO.: 1205T007 LOCATION: Edison, NJ

PROJECT MANAGER: Leslie Hartzell

e-mail: Leslie.Hartzell@rve.com

PHONE: 610-663-4665 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinvoices@rve.com PO#: 1205T007

ADDRESS: 2059 Springdale Rd

CITY: Cherry Hill STATE: NJ ZIP: 08003

ATTENTION: Leslie Hartzell PHONE: 610-663-4665

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): Standard DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

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

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

☒ + Raw Data ☐ Other

☒ EDD FORMATS NJ Hartzell

TOTAL + 30
FPH
3.4x Chrome
4.1x H2SO4
5.1x H2SO4
6.1x H2SO4
7.1x H2SO4
8.1x H2SO4
9.1x H2SO4

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E	E	E	E	F	F				← Specify Preservatives	
								1	2	3	4	5	6	7	8	9	A-HCl B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER
1.	SED-1	S		X	11/6/25	14:15	13	6	1	1	1	3	1				Methanol, DI Water	
2.	SED-2	S		X	11/6/25	12:40	13	6	1	1	1	3	1				Methanol, DI Water	
3.	SED-3	S		X	11/6/25	11:35	13	6	1	1	1	3	1				Methanol, DI Water	
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Arina Maier	11/7/25 (10:00)	1.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.	11-7-25	2. JT
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
3. JT	11-7-25	3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.5 + 0 = 3.5 °C

Comments:

Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3586	REMI02	Order Date : 11/7/2025 3:20:00 PM	Project Mgr :
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive DateTime : 11/7/2025 12:00:00 AM	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order : 17:20	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3586-01	SED-1	Solid	11/06/2025	14:15	VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3586-02	SED-2	Solid	11/06/2025	12:40	VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3586-03	SED-3	Solid	11/06/2025	11:55	VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	

T. H. H. H.

*Stored in VOA
F22 #02 & ref # 06*

Relinquished By : *CP*
Date / Time : 11/10/25 12:35

Received By : *W. D. D.*
Date / Time : 11/10/25 10:35

Storage Area : VOA Refridgerator Room