

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:	Q2579	OrderDate:	7/10/2025 3:31:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2579-03	WC-A2-13-C	TCLP	TCLP Mercury	7470A	07/10/25	07/15/25	07/15/25	07/10/25
			TCLPMetals Group2	6010D		07/15/25	07/16/25	
Q2579-07	WC-A2-14-C	TCLP	TCLP Mercury	7470A	07/10/25	07/15/25	07/15/25	07/10/25
			TCLPMetals Group2	6010D		07/15/25	07/16/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2579
Client: ENTACT

Order ID: Q2579
Project ID: 540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-A2-13-C								
Q2579-03	WC-A2-13-C	TCLP	Barium	0.23	J	0.073	0.50	mg/L
Client ID : WC-A2-14-C								
Q2579-07	WC-A2-14-C	TCLP	Barium	0.20	J	0.073	0.50	mg/L
Q2579-07	WC-A2-14-C	TCLP	Chromium	0.013	J	0.011	0.050	mg/L



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	WC-A2-13-C	SDG No.:	Q2579
Lab Sample ID:	Q2579-03	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	0.026	U	1	0.026	0.10	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7440-39-3	Barium	0.23	J	1	0.073	0.50	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7440-43-9	Cadmium	0.0025	U	1	0.0025	0.030	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7440-47-3	Chromium	0.011	U	1	0.011	0.050	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7440-50-8	Copper	0.023	U	1	0.023	0.10	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7439-92-1	Lead	0.012	U	1	0.012	0.060	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7439-97-6	Mercury	0.00076	U	1	0.00076	0.0020	mg/L	07/15/25 08:40	07/15/25 13:09	7470A	
7440-02-0	Nickel	0.015	U	1	0.015	0.20	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7782-49-2	Selenium	0.048	U	1	0.048	0.10	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7440-22-4	Silver	0.0081	U	1	0.0081	0.050	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050
7440-66-6	Zinc	0.083	U	1	0.083	0.20	mg/L	07/15/25 12:20	07/16/25 17:10	6010D	SW3050

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

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	07/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/10/25
Client Sample ID:	WC-A2-14-C	SDG No.:	Q2579
Lab Sample ID:	Q2579-07	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	0.026	U	1	0.026	0.10	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7440-39-3	Barium	0.20	J	1	0.073	0.50	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7440-43-9	Cadmium	0.0025	U	1	0.0025	0.030	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7440-47-3	Chromium	0.013	J	1	0.011	0.050	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7440-50-8	Copper	0.023	U	1	0.023	0.10	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7439-92-1	Lead	0.012	U	1	0.012	0.060	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7439-97-6	Mercury	0.00076	U	1	0.00076	0.0020	mg/L	07/15/25 08:40	07/15/25 13:11	7470A	
7440-02-0	Nickel	0.015	U	1	0.015	0.20	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7782-49-2	Selenium	0.048	U	1	0.048	0.10	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7440-22-4	Silver	0.0081	U	1	0.0081	0.050	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050
7440-66-6	Zinc	0.083	U	1	0.083	0.20	mg/L	07/15/25 12:20	07/16/25 17:14	6010D	SW3050

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

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

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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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
ICV27	Mercury	3.81	4.0	95	90 - 110	CV	07/15/2025	12:06	LB136476

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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
CCV01	Mercury	5.31	5.0	106	90 - 110	CV	07/15/2025	12:11	LB136476
CCV02	Mercury	5.14	5.0	103	90 - 110	CV	07/15/2025	12:48	LB136476
CCV03	Mercury	5.16	5.0	103	90 - 110	CV	07/15/2025	13:16	LB136476
CCV04	Mercury	4.72	5.0	94	90 - 110	CV	07/15/2025	13:53	LB136476
CCV05	Mercury	4.82	5.0	96	90 - 110	CV	07/15/2025	14:22	LB136476

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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	Arsenic	3900	4000	97	90 - 110	P	07/16/2025	13:21	LB136511
	Barium	7940	8000	99	90 - 110	P	07/16/2025	13:21	LB136511
	Cadmium	1920	2000	96	90 - 110	P	07/16/2025	13:21	LB136511
	Chromium	792	800	99	90 - 110	P	07/16/2025	13:21	LB136511
	Copper	1010	1000	101	90 - 110	P	07/16/2025	13:21	LB136511
	Lead	3780	4000	94	90 - 110	P	07/16/2025	13:21	LB136511
	Nickel	1960	2000	98	90 - 110	P	07/16/2025	13:21	LB136511
	Selenium	3920	4000	98	90 - 110	P	07/16/2025	13:21	LB136511
	Silver	1040	1000	104	90 - 110	P	07/16/2025	13:21	LB136511
	Zinc	1980	2000	99	90 - 110	P	07/16/2025	13:21	LB136511

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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	Arsenic	22.8	20.0	114	80 - 120	P	07/16/2025	13:53	LB136511
	Barium	103	100	103	80 - 120	P	07/16/2025	13:53	LB136511
	Cadmium	5.92	6.0	99	80 - 120	P	07/16/2025	13:53	LB136511
	Chromium	9.95	10.0	100	80 - 120	P	07/16/2025	13:53	LB136511
	Copper	21.0	20.0	105	80 - 120	P	07/16/2025	13:53	LB136511
	Lead	11.2	12.0	93	80 - 120	P	07/16/2025	13:53	LB136511
	Nickel	39.8	40.0	100	80 - 120	P	07/16/2025	13:53	LB136511
	Selenium	18.1	20.0	91	80 - 120	P	07/16/2025	13:53	LB136511
	Silver	10.6	10.0	106	80 - 120	P	07/16/2025	13:53	LB136511
	Zinc	43.2	40.0	108	80 - 120	P	07/16/2025	13:53	LB136511

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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	Arsenic	5050	5000	101	90 - 110	P	07/16/2025	14:53	LB136511
	Barium	10100	10000	101	90 - 110	P	07/16/2025	14:53	LB136511
	Cadmium	2470	2500	99	90 - 110	P	07/16/2025	14:53	LB136511
	Chromium	983	1000	98	90 - 110	P	07/16/2025	14:53	LB136511
	Copper	1260	1250	101	90 - 110	P	07/16/2025	14:53	LB136511
	Lead	4910	5000	98	90 - 110	P	07/16/2025	14:53	LB136511
	Nickel	2490	2500	100	90 - 110	P	07/16/2025	14:53	LB136511
	Selenium	5060	5000	101	90 - 110	P	07/16/2025	14:53	LB136511
	Silver	1250	1250	100	90 - 110	P	07/16/2025	14:53	LB136511
	Zinc	2530	2500	101	90 - 110	P	07/16/2025	14:53	LB136511
CCV02	Arsenic	5020	5000	100	90 - 110	P	07/16/2025	15:39	LB136511
	Barium	10100	10000	101	90 - 110	P	07/16/2025	15:39	LB136511
	Cadmium	2450	2500	98	90 - 110	P	07/16/2025	15:39	LB136511
	Chromium	999	1000	100	90 - 110	P	07/16/2025	15:39	LB136511
	Copper	1250	1250	100	90 - 110	P	07/16/2025	15:39	LB136511
	Lead	4900	5000	98	90 - 110	P	07/16/2025	15:39	LB136511
	Nickel	2470	2500	99	90 - 110	P	07/16/2025	15:39	LB136511
	Selenium	5050	5000	101	90 - 110	P	07/16/2025	15:39	LB136511
	Silver	1260	1250	101	90 - 110	P	07/16/2025	15:39	LB136511
	Zinc	2560	2500	102	90 - 110	P	07/16/2025	15:39	LB136511
CCV03	Arsenic	5060	5000	101	90 - 110	P	07/16/2025	16:25	LB136511
	Barium	10200	10000	102	90 - 110	P	07/16/2025	16:25	LB136511
	Cadmium	2490	2500	100	90 - 110	P	07/16/2025	16:25	LB136511
	Chromium	989	1000	99	90 - 110	P	07/16/2025	16:25	LB136511
	Copper	1270	1250	101	90 - 110	P	07/16/2025	16:25	LB136511
	Lead	4960	5000	99	90 - 110	P	07/16/2025	16:25	LB136511
	Nickel	2510	2500	100	90 - 110	P	07/16/2025	16:25	LB136511
	Selenium	5090	5000	102	90 - 110	P	07/16/2025	16:25	LB136511
	Silver	1260	1250	101	90 - 110	P	07/16/2025	16:25	LB136511
	Zinc	2530	2500	101	90 - 110	P	07/16/2025	16:25	LB136511
CCV04	Arsenic	5040	5000	101	90 - 110	P	07/16/2025	17:32	LB136511
	Barium	10300	10000	103	90 - 110	P	07/16/2025	17:32	LB136511
	Cadmium	2470	2500	99	90 - 110	P	07/16/2025	17:32	LB136511
	Chromium	997	1000	100	90 - 110	P	07/16/2025	17:32	LB136511

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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	Copper	1260	1250	101	90 - 110	P	07/16/2025	17:32	LB136511
	Lead	4940	5000	99	90 - 110	P	07/16/2025	17:32	LB136511
	Nickel	2500	2500	100	90 - 110	P	07/16/2025	17:32	LB136511
	Selenium	5060	5000	101	90 - 110	P	07/16/2025	17:32	LB136511
	Silver	1270	1250	101	90 - 110	P	07/16/2025	17:32	LB136511
	Zinc	2580	2500	103	90 - 110	P	07/16/2025	17:32	LB136511
CCV05	Arsenic	5070	5000	101	90 - 110	P	07/16/2025	18:28	LB136511
	Barium	10400	10000	104	90 - 110	P	07/16/2025	18:28	LB136511
	Cadmium	2470	2500	99	90 - 110	P	07/16/2025	18:28	LB136511
	Chromium	1000	1000	100	90 - 110	P	07/16/2025	18:28	LB136511
	Copper	1260	1250	101	90 - 110	P	07/16/2025	18:28	LB136511
	Lead	4950	5000	99	90 - 110	P	07/16/2025	18:28	LB136511
	Nickel	2500	2500	100	90 - 110	P	07/16/2025	18:28	LB136511
	Selenium	5120	5000	102	90 - 110	P	07/16/2025	18:28	LB136511
	Silver	1280	1250	102	90 - 110	P	07/16/2025	18:28	LB136511
	Zinc	2590	2500	104	90 - 110	P	07/16/2025	18:28	LB136511
	Arsenic	5090	5000	102	90 - 110	P	07/16/2025	18:51	LB136511
	Barium	10200	10000	102	90 - 110	P	07/16/2025	18:51	LB136511
	Cadmium	2520	2500	101	90 - 110	P	07/16/2025	18:51	LB136511
	Chromium	1000	1000	100	90 - 110	P	07/16/2025	18:51	LB136511
CCV06	Copper	1280	1250	102	90 - 110	P	07/16/2025	18:51	LB136511
	Lead	5010	5000	100	90 - 110	P	07/16/2025	18:51	LB136511
	Nickel	2540	2500	102	90 - 110	P	07/16/2025	18:51	LB136511
	Selenium	5070	5000	102	90 - 110	P	07/16/2025	18:51	LB136511
	Silver	1270	1250	102	90 - 110	P	07/16/2025	18:51	LB136511
	Zinc	2570	2500	103	90 - 110	P	07/16/2025	18:51	LB136511



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.23	0.2	116	70 - 130	CV	07/15/2025	12:21	LB136476
CRI01	Arsenic	20.1	20.0	101	65 - 135	P	07/16/2025	14:22	LB136511
	Barium	100	100	100	65 - 135	P	07/16/2025	14:22	LB136511
	Cadmium	5.84	6.0	97	65 - 135	P	07/16/2025	14:22	LB136511
	Chromium	9.85	10.0	98	65 - 135	P	07/16/2025	14:22	LB136511
	Copper	21.1	20.0	106	65 - 135	P	07/16/2025	14:22	LB136511
	Lead	11.0	12.0	92	65 - 135	P	07/16/2025	14:22	LB136511
	Nickel	39.9	40.0	100	65 - 135	P	07/16/2025	14:22	LB136511
	Selenium	18.3	20.0	92	65 - 135	P	07/16/2025	14:22	LB136511
	Silver	10.4	10.0	104	65 - 135	P	07/16/2025	14:22	LB136511
	Zinc	43.1	40.0	108	65 - 135	P	07/16/2025	14:22	LB136511



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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB27	Mercury	0.076	+/-0.2	U	0.20	CV	07/15/2025	12:08	LB136476

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Mercury	0.076	+/-0.2	U	0.20	CV	07/15/2025	12:13	LB136476
CCB02	Mercury	0.076	+/-0.2	U	0.20	CV	07/15/2025	12:51	LB136476
CCB03	Mercury	0.076	+/-0.2	U	0.20	CV	07/15/2025	13:18	LB136476
CCB04	Mercury	0.076	+/-0.2	U	0.20	CV	07/15/2025	13:58	LB136476
CCB05	Mercury	0.076	+/-0.2	U	0.20	CV	07/15/2025	14:27	LB136476

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	07/16/2025	14:11	LB136511
	Barium	14.6	+/-50	U	100	P	07/16/2025	14:11	LB136511
	Cadmium	0.50	+/-3	U	6.00	P	07/16/2025	14:11	LB136511
	Chromium	2.12	+/-5	U	10.0	P	07/16/2025	14:11	LB136511
	Copper	4.60	+/-10	U	20.0	P	07/16/2025	14:11	LB136511
	Lead	2.30	+/-6	U	12.0	P	07/16/2025	14:11	LB136511
	Nickel	3.06	+/-20	U	40.0	P	07/16/2025	14:11	LB136511
	Selenium	9.64	+/-10	U	20.0	P	07/16/2025	14:11	LB136511
	Silver	1.62	+/-5	U	10.0	P	07/16/2025	14:11	LB136511
	Zinc	16.7	+/-20	U	40.0	P	07/16/2025	14:11	LB136511



- 3a -

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	07/16/2025	14:57	LB136511
	Barium	14.6	+/-50	U	100	P	07/16/2025	14:57	LB136511
	Cadmium	0.50	+/-3	U	6.00	P	07/16/2025	14:57	LB136511
	Chromium	2.12	+/-5	U	10.0	P	07/16/2025	14:57	LB136511
	Copper	4.60	+/-10	U	20.0	P	07/16/2025	14:57	LB136511
	Lead	2.30	+/-6	U	12.0	P	07/16/2025	14:57	LB136511
	Nickel	3.06	+/-20	U	40.0	P	07/16/2025	14:57	LB136511
	Selenium	9.64	+/-10	U	20.0	P	07/16/2025	14:57	LB136511
	Silver	1.62	+/-5	U	10.0	P	07/16/2025	14:57	LB136511
	Zinc	16.7	+/-20	U	40.0	P	07/16/2025	14:57	LB136511
CCB02	Arsenic	5.12	+/-10	U	20.0	P	07/16/2025	15:43	LB136511
	Barium	14.6	+/-50	U	100	P	07/16/2025	15:43	LB136511
	Cadmium	0.50	+/-3	U	6.00	P	07/16/2025	15:43	LB136511
	Chromium	2.12	+/-5	U	10.0	P	07/16/2025	15:43	LB136511
	Copper	4.60	+/-10	U	20.0	P	07/16/2025	15:43	LB136511
	Lead	2.30	+/-6	U	12.0	P	07/16/2025	15:43	LB136511
	Nickel	3.06	+/-20	U	40.0	P	07/16/2025	15:43	LB136511
	Selenium	9.64	+/-10	U	20.0	P	07/16/2025	15:43	LB136511
	Silver	1.62	+/-5	U	10.0	P	07/16/2025	15:43	LB136511
	Zinc	16.7	+/-20	U	40.0	P	07/16/2025	15:43	LB136511
CCB03	Arsenic	5.12	+/-10	U	20.0	P	07/16/2025	16:30	LB136511
	Barium	14.6	+/-50	U	100	P	07/16/2025	16:30	LB136511
	Cadmium	0.50	+/-3	U	6.00	P	07/16/2025	16:30	LB136511
	Chromium	2.12	+/-5	U	10.0	P	07/16/2025	16:30	LB136511
	Copper	4.60	+/-10	U	20.0	P	07/16/2025	16:30	LB136511
	Lead	2.30	+/-6	U	12.0	P	07/16/2025	16:30	LB136511
	Nickel	3.06	+/-20	U	40.0	P	07/16/2025	16:30	LB136511
	Selenium	9.64	+/-10	U	20.0	P	07/16/2025	16:30	LB136511
	Silver	1.62	+/-5	U	10.0	P	07/16/2025	16:30	LB136511
	Zinc	16.7	+/-20	U	40.0	P	07/16/2025	16:30	LB136511
CCB04	Arsenic	5.12	+/-10	U	20.0	P	07/16/2025	17:40	LB136511
	Barium	14.6	+/-50	U	100	P	07/16/2025	17:40	LB136511
	Cadmium	0.50	+/-3	U	6.00	P	07/16/2025	17:40	LB136511
	Chromium	2.12	+/-5	U	10.0	P	07/16/2025	17:40	LB136511
	Copper	4.60	+/-10	U	20.0	P	07/16/2025	17:40	LB136511
	Lead	2.30	+/-6	U	12.0	P	07/16/2025	17:40	LB136511
	Nickel	3.06	+/-20	U	40.0	P	07/16/2025	17:40	LB136511
	Selenium	9.64	+/-10	U	20.0	P	07/16/2025	17:40	LB136511
	Silver	1.62	+/-5	U	10.0	P	07/16/2025	17:40	LB136511

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Zinc	16.7	+/-20	U	40.0	P	07/16/2025	17:40	LB136511
CCB05	Arsenic	5.12	+/-10	U	20.0	P	07/16/2025	18:35	LB136511
	Barium	14.6	+/-50	U	100	P	07/16/2025	18:35	LB136511
	Cadmium	0.50	+/-3	U	6.00	P	07/16/2025	18:35	LB136511
	Chromium	2.12	+/-5	U	10.0	P	07/16/2025	18:35	LB136511
	Copper	4.60	+/-10	U	20.0	P	07/16/2025	18:35	LB136511
	Lead	2.30	+/-6	U	12.0	P	07/16/2025	18:35	LB136511
	Nickel	3.06	+/-20	U	40.0	P	07/16/2025	18:35	LB136511
	Selenium	9.64	+/-10	U	20.0	P	07/16/2025	18:35	LB136511
	Silver	1.62	+/-5	U	10.0	P	07/16/2025	18:35	LB136511
	Zinc	16.7	+/-20	U	40.0	P	07/16/2025	18:35	LB136511
CCB06	Arsenic	5.12	+/-10	U	20.0	P	07/16/2025	18:56	LB136511
	Barium	14.6	+/-50	U	100	P	07/16/2025	18:56	LB136511
	Cadmium	0.50	+/-3	U	6.00	P	07/16/2025	18:56	LB136511
	Chromium	2.12	+/-5	U	10.0	P	07/16/2025	18:56	LB136511
	Copper	4.60	+/-10	U	20.0	P	07/16/2025	18:56	LB136511
	Lead	2.30	+/-6	U	12.0	P	07/16/2025	18:56	LB136511
	Nickel	3.06	+/-20	U	40.0	P	07/16/2025	18:56	LB136511
	Selenium	9.64	+/-10	U	20.0	P	07/16/2025	18:56	LB136511
	Silver	1.62	+/-5	U	10.0	P	07/16/2025	18:56	LB136511
	Zinc	16.7	+/-20	U	40.0	P	07/16/2025	18:56	LB136511

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2579

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168803TB		WATER		Batch Number:	PB168849		Prep Date:	07/15/2025	
	Mercury	0.76	<2	U	2.00	CV	07/15/2025	14:09	LB136476
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168849BL		WATER		Batch Number:	PB168849		Prep Date:	07/15/2025	
	Mercury	0.076	<0.2	U	0.20	CV	07/15/2025	12:32	LB136476

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ENTACT

SDG No.: Q2579

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168803TB		WATER		Batch Number:	PB168857		Prep Date:	07/15/2025	
	Arsenic	25.6	<50	U	100	P	07/16/2025	17:18	LB136511
	Barium	72.8	<250	U	500	P	07/16/2025	17:18	LB136511
	Cadmium	2.50	<15	U	30.0	P	07/16/2025	17:18	LB136511
	Chromium	10.6	<25	U	50.0	P	07/16/2025	17:18	LB136511
	Copper	23.0	<50	U	100	P	07/16/2025	17:18	LB136511
	Lead	11.5	<30	U	60.0	P	07/16/2025	17:18	LB136511
	Nickel	15.3	<100	U	200	P	07/16/2025	17:18	LB136511
	Selenium	48.2	<50	U	100	P	07/16/2025	17:18	LB136511
	Silver	8.10	<25	U	50.0	P	07/16/2025	17:18	LB136511
	Zinc	83.3	<100	U	200	P	07/16/2025	17:18	LB136511
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168857BL		WATER		Batch Number:	PB168857		Prep Date:	07/15/2025	
	Arsenic	25.6	<50	U	100	P	07/16/2025	18:43	LB136511
	Barium	72.8	<250	U	500	P	07/16/2025	18:43	LB136511
	Cadmium	2.50	<15	U	30.0	P	07/16/2025	18:43	LB136511
	Chromium	10.6	<25	U	50.0	P	07/16/2025	18:43	LB136511
	Copper	23.0	<50	U	100	P	07/16/2025	18:43	LB136511
	Lead	11.5	<30	U	60.0	P	07/16/2025	18:43	LB136511
	Nickel	15.3	<100	U	200	P	07/16/2025	18:43	LB136511
	Selenium	48.2	<50	U	100	P	07/16/2025	18:43	LB136511
	Silver	8.10	<25	U	50.0	P	07/16/2025	18:43	LB136511
	Zinc	83.3	<100	U	200	P	07/16/2025	18:43	LB136511

Metals

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INTERFERENCE CHECK SAMPLE

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	9.98			-20	20	07/16/2025	14:26	LB136511
	Barium	2.39	6.0	40	-94	106	07/16/2025	14:26	LB136511
	Cadmium	-0.36	1.0	36	-5	7	07/16/2025	14:26	LB136511
	Chromium	56.1	52.0	108	42	62	07/16/2025	14:26	LB136511
	Copper	-0.33	2.0	16	-18	22	07/16/2025	14:26	LB136511
	Lead	-7.00			-12	12	07/16/2025	14:26	LB136511
	Nickel	18.6	2.0	930	-38	42	07/16/2025	14:26	LB136511
	Selenium	9.85			-20	20	07/16/2025	14:26	LB136511
	Silver	1.35			-10	10	07/16/2025	14:26	LB136511
	Zinc	5.50			-40	40	07/16/2025	14:26	LB136511
ICSAB01	Arsenic	104	104	100	88.4	120	07/16/2025	14:38	LB136511
	Barium	477	537	89	437	637	07/16/2025	14:38	LB136511
	Cadmium	913	972	94	826	1120	07/16/2025	14:38	LB136511
	Chromium	483	542	89	460	624	07/16/2025	14:38	LB136511
	Copper	453	511	89	434	588	07/16/2025	14:38	LB136511
	Lead	38.4	49.0	78	37	61	07/16/2025	14:38	LB136511
	Nickel	924	954	97	810	1100	07/16/2025	14:38	LB136511
	Selenium	60.4	46.0	131	26	66	07/16/2025	14:38	LB136511
	Silver	204	201	102	170	232	07/16/2025	14:38	LB136511
	Zinc	1000	952	105	809	1095	07/16/2025	14:38	LB136511



METAL

QC

DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>ENTACT</u>	level: <u>low</u>	sdg no.: <u>Q2579</u>
contract: <u>ENTA05</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2586-04</u>	client id: <u>TP-16MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2586-04MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4310		100	U	4000	108		P
Barium	ug/L	75 - 125	2210		1170		1000	103		P
Cadmium	ug/L	75 - 125	1000		30.0	U	1000	100		P
Chromium	ug/L	75 - 125	1920		50.0	U	2000	96		P
Copper	ug/L	75 - 125	1580		44.7	J	1500	102		P
Lead	ug/L	75 - 125	4840		60.0	U	5000	97		P
Mercury	ug/L	75 - 125	46.9		2.00	U	40.0	117		CV
Nickel	ug/L	75 - 125	2580		200	U	2500	103		P
Selenium	ug/L	75 - 125	11200		100	U	10000	112		P
Silver	ug/L	75 - 125	317		50.0	U	380	83		P
Zinc	ug/L	75 - 125	1360		188	J	1000	117		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>ENTACT</u>	level: <u>low</u>	sdg no.: <u>Q2579</u>
contract: <u>ENTA05</u>		lab code: <u>ACE</u>
matrix: <u>Water</u>	sample id: <u>Q2586-04</u>	client id: <u>TP-16MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2586-04MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4300		100	U	4000	108		P
Barium	ug/L	75 - 125	2220		1170		1000	104		P
Cadmium	ug/L	75 - 125	1000		30.0	U	1000	100		P
Chromium	ug/L	75 - 125	1920		50.0	U	2000	96		P
Copper	ug/L	75 - 125	1570		44.7	J	1500	102		P
Lead	ug/L	75 - 125	4810		60.0	U	5000	96		P
Mercury	ug/L	75 - 125	46.8		2.00	U	40.0	117		CV
Nickel	ug/L	75 - 125	2570		200	U	2500	103		P
Selenium	ug/L	75 - 125	11200		100	U	10000	112		P
Silver	ug/L	75 - 125	288		50.0	U	380	76		P
Zinc	ug/L	75 - 125	1350		188	J	1000	116		P

Metals
- 5b -

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: <u>ENTACT</u>	Level: <u>LOW</u>	SDG No.: <u>Q2579</u>
Contract: <u>ENTA05</u>		Lab Code: <u>ACE</u>
Matrix: <u>Water</u>	Sample ID: <u>Q2586-04</u>	Client ID: <u>TP-16DUP</u>
Percent Solids for Sample: NA	Duplicate ID Q2586-04DUP	Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	1170		1110		5		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Copper	ug/L	20	44.7	J	42.3	J	6		P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Nickel	ug/L	20	200	U	200	U			P
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P
Zinc	ug/L	20	188	J	179	J	5		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>ENTACT</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2579</u>
Contract:	<u>ENTA05</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2586-04MS</u>	Client ID:	<u>TP-16MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2586-04MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4310		4300		0		P
Barium	ug/L	20	2210		2220		0		P
Cadmium	ug/L	20	1000		1000		0		P
Chromium	ug/L	20	1920		1920		0		P
Copper	ug/L	20	1580		1570		1		P
Lead	ug/L	20	4840		4810		1		P
Mercury	ug/L	20	46.9		46.8		0		CV
Nickel	ug/L	20	2580		2570		0		P
Selenium	ug/L	20	11200		11200		0		P
Silver	ug/L	20	317		288		10		P
Zinc	ug/L	20	1360		1350		1		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168849BS Mercury	ug/L	4.0	4.08		102	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168857BS							
Arsenic	ug/L	4000	3960		99	80 - 120	P
Barium	ug/L	1000	1040		104	80 - 120	P
Cadmium	ug/L	1000	965		96	80 - 120	P
Chromium	ug/L	2000	2000		100	80 - 120	P
Copper	ug/L	1500	1580		105	80 - 120	P
Lead	ug/L	5000	4850		97	80 - 120	P
Nickel	ug/L	2500	2510		100	80 - 120	P
Selenium	ug/L	10000	9940		99	80 - 120	P
Silver	ug/L	380	382		100	80 - 120	P
Zinc	ug/L	1000	1060		106	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-16L

Lab Name: Alliance

Contract: ENTA05

Lab Code: ACE **Lb No.:** lb136511 **Lab Sample ID :** Q2586-04L **SDG No.:** Q2579

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	1170		1230	J	5		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Copper	44.7	J	500	U	100.0		P
Lead	60.0	U	300	U			P
Mercury	2.00	U	10.0	U			CV
Nickel	200	U	1000	U			P
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P
Zinc	188	J	1000	U	100.0		P



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	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
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	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
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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
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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	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
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

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
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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	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
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: ENTACT

SDG No.: Q2579

Contract: ENTA05

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168849							
PB168803TB	PB168803TB	MB	WATER	07/15/2025	3.0	30.0	
PB168849BL	PB168849BL	MB	WATER	07/15/2025	30.0	30.0	
PB168849BS	PB168849BS	LCS	WATER	07/15/2025	30.0	30.0	
Q2579-03	WC-A2-13-C	SAM	WATER	07/15/2025	3.0	30.0	
Q2579-07	WC-A2-14-C	SAM	WATER	07/15/2025	3.0	30.0	
Q2586-04DUP	TP-16DUP	DUP	WATER	07/15/2025	3.0	30.0	
Q2586-04MS	TP-16MS	MS	WATER	07/15/2025	3.0	30.0	
Q2586-04MSD	TP-16MSD	MSD	WATER	07/15/2025	3.0	30.0	

Metals

- 13 -

SAMPLE PREPARATION SUMMARY

Client: ENTACT **SDG No.:** Q2579
Contract: ENTA05 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168857							
PB168803TB	PB168803TB	MB	WATER	07/15/2025	5.0	25.0	
PB168857BL	PB168857BL	MB	WATER	07/15/2025	5.0	25.0	
PB168857BS	PB168857BS	LCS	WATER	07/15/2025	5.0	25.0	
Q2579-03	WC-A2-13-C	SAM	WATER	07/15/2025	5.0	25.0	
Q2579-07	WC-A2-14-C	SAM	WATER	07/15/2025	5.0	25.0	
Q2586-04DUP	TP-16DUP	DUP	WATER	07/15/2025	5.0	25.0	
Q2586-04MS	TP-16MS	MS	WATER	07/15/2025	5.0	25.0	
Q2586-04MSD	TP-16MSD	MSD	WATER	07/15/2025	5.0	25.0	

metals
- 14 -
ANALYSIS RUN LOG

Client: ENTACT

Contract: ENTA05

Lab code: ACE

Sdg no.: Q2579

Instrument id number: _____

Method: _____

Run number: LB136476

Start date: 07/15/2025

End date: 07/15/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1146	HG
S0.2	S0.2	1	1149	HG
S2.5	S2.5	1	1151	HG
S5	S5	1	1153	HG
S7.5	S7.5	1	1156	HG
S10	S10	1	1203	HG
ICV27	ICV27	1	1206	HG
ICB27	ICB27	1	1208	HG
CCV01	CCV01	1	1211	HG
CCB01	CCB01	1	1213	HG
CRA	CRA	1	1221	HG
PB168849BL	PB168849BL	1	1232	HG
PB168849BS	PB168849BS	1	1235	HG
CCV02	CCV02	1	1248	HG
CCB02	CCB02	1	1251	HG
Q2579-03	WC-A2-13-C	1	1309	HG
Q2579-07	WC-A2-14-C	1	1311	HG
CCV03	CCV03	1	1316	HG
CCB03	CCB03	1	1318	HG
Q2586-04DUP	TP-16DUP	1	1320	HG
Q2586-04MS	TP-16MS	1	1322	HG
Q2586-04MSD	TP-16MSD	1	1325	HG
CCV04	CCV04	1	1353	HG
CCB04	CCB04	1	1358	HG
PB168803TB	PB168803TB	1	1409	HG
Q2586-04L	TP-16L	5	1413	HG
CCV05	CCV05	1	1422	HG
CCB05	CCB05	1	1427	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: ENTACT

Contract: ENTA05

Lab code: ACE

Sdg no.: Q2579

Instrument id number: _____

Method: _____

Run number: LB136511

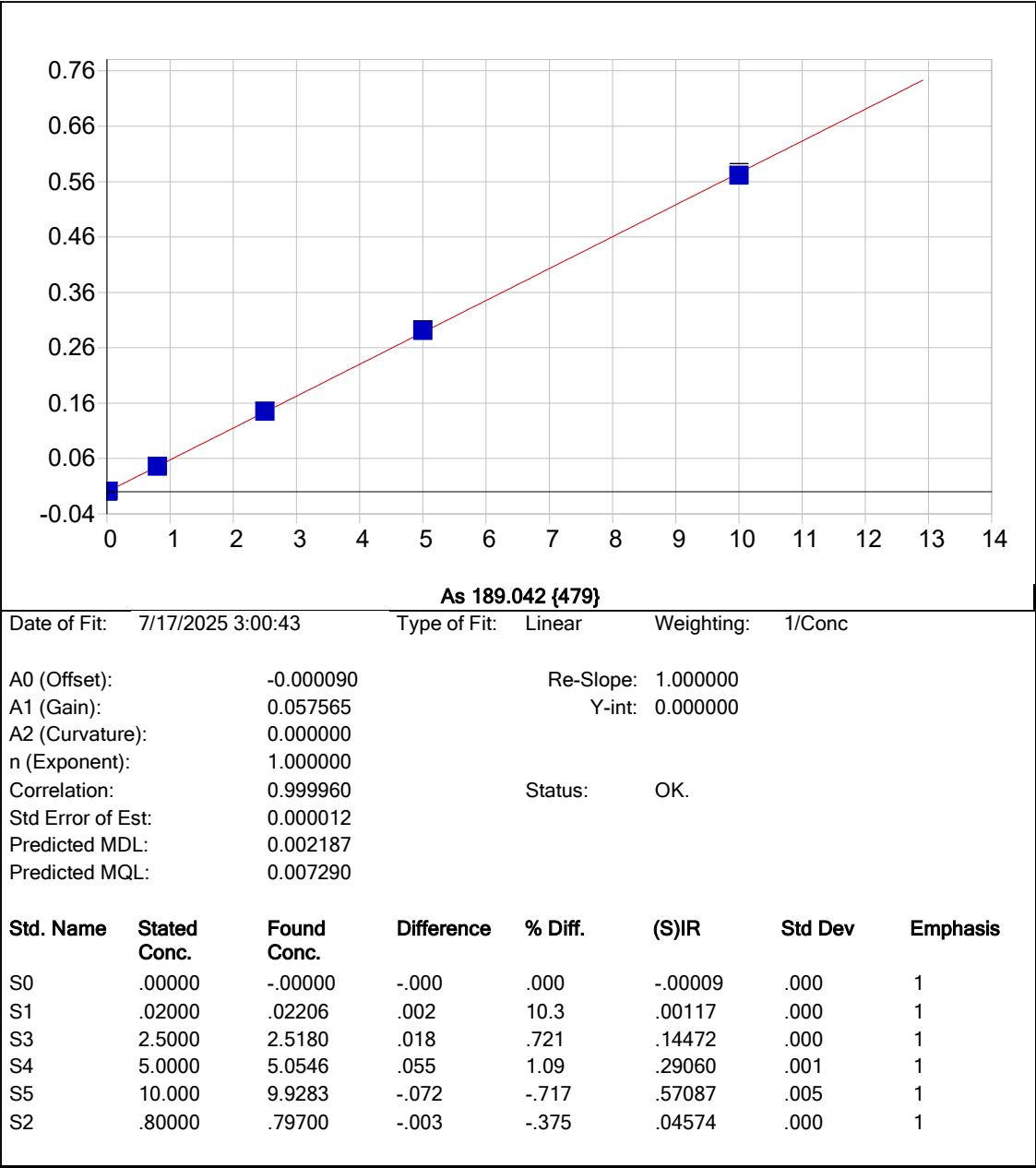
Start date: 07/16/2025

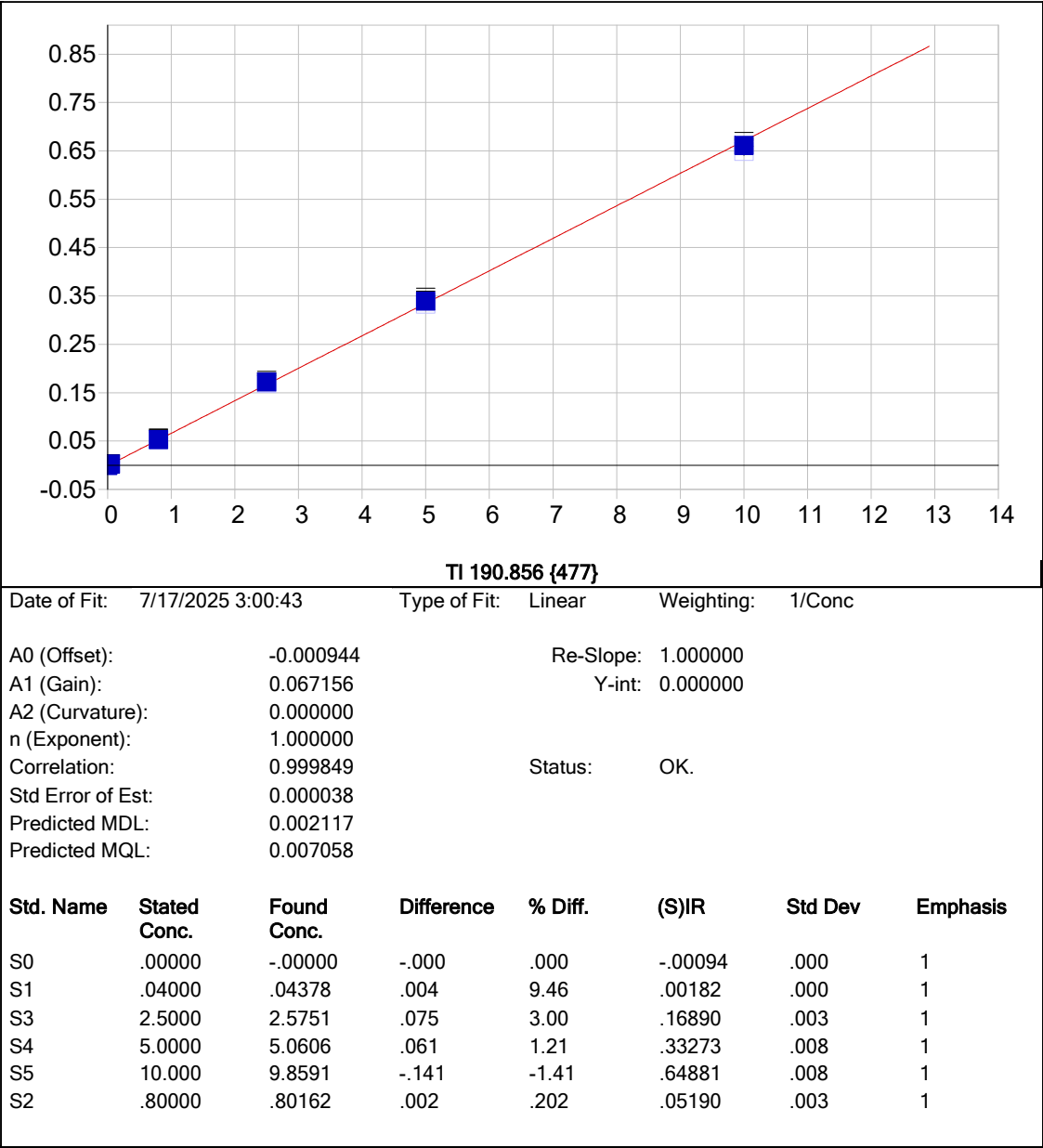
End date: 07/16/2025

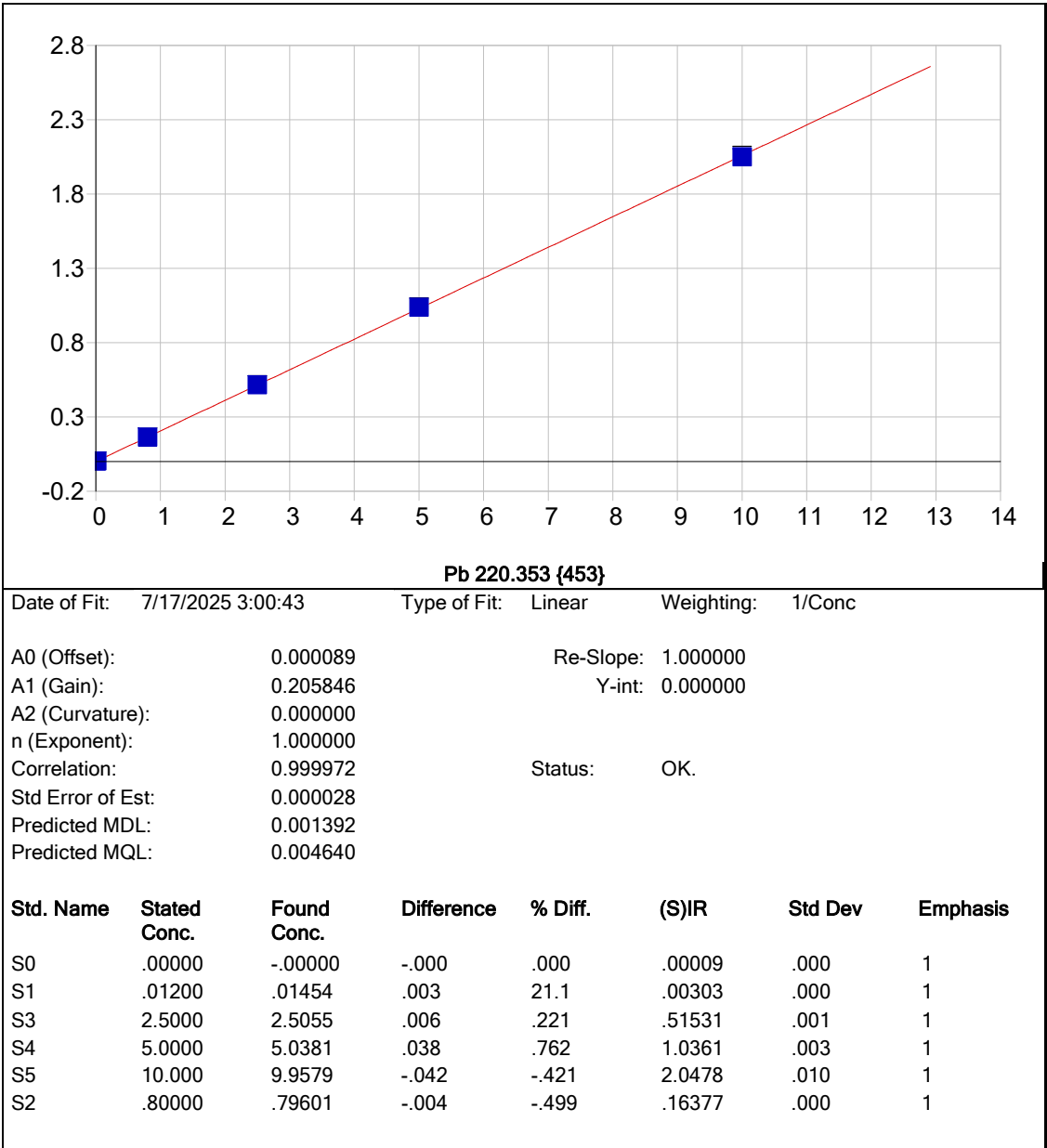
Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1255	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S1	S1	1	1300	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S2	S2	1	1304	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S3	S3	1	1308	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S4	S4	1	1312	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
S5	S5	1	1316	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICV01	ICV01	1	1321	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
LLICV01	LLICV01	1	1353	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICB01	ICB01	1	1411	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CRI01	CRI01	1	1422	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSA01	ICSA01	1	1426	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
ICSAB01	ICSAB01	1	1438	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV01	CCV01	1	1453	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB01	CCB01	1	1457	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV02	CCV02	1	1539	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB02	CCB02	1	1543	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV03	CCV03	1	1625	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB03	CCB03	1	1630	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2579-03	WC-A2-13-C	1	1710	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2579-07	WC-A2-14-C	1	1714	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB168803TB	PB168803TB	1	1718	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV04	CCV04	1	1732	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB04	CCB04	1	1740	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2586-04DUP	TP-16DUP	1	1811	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2586-04L	TP-16L	5	1815	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2586-04MS	TP-16MS	1	1820	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
Q2586-04MSD	TP-16MSD	1	1824	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV05	CCV05	1	1828	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB05	CCB05	1	1835	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB168857BL	PB168857BL	1	1843	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
PB168857BS	PB168857BS	1	1847	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCV06	CCV06	1	1851	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn
CCB06	CCB06	1	1856	Ag,As,Ba,Cd,Cr,Cu,Ni,Pb,Se,Zn

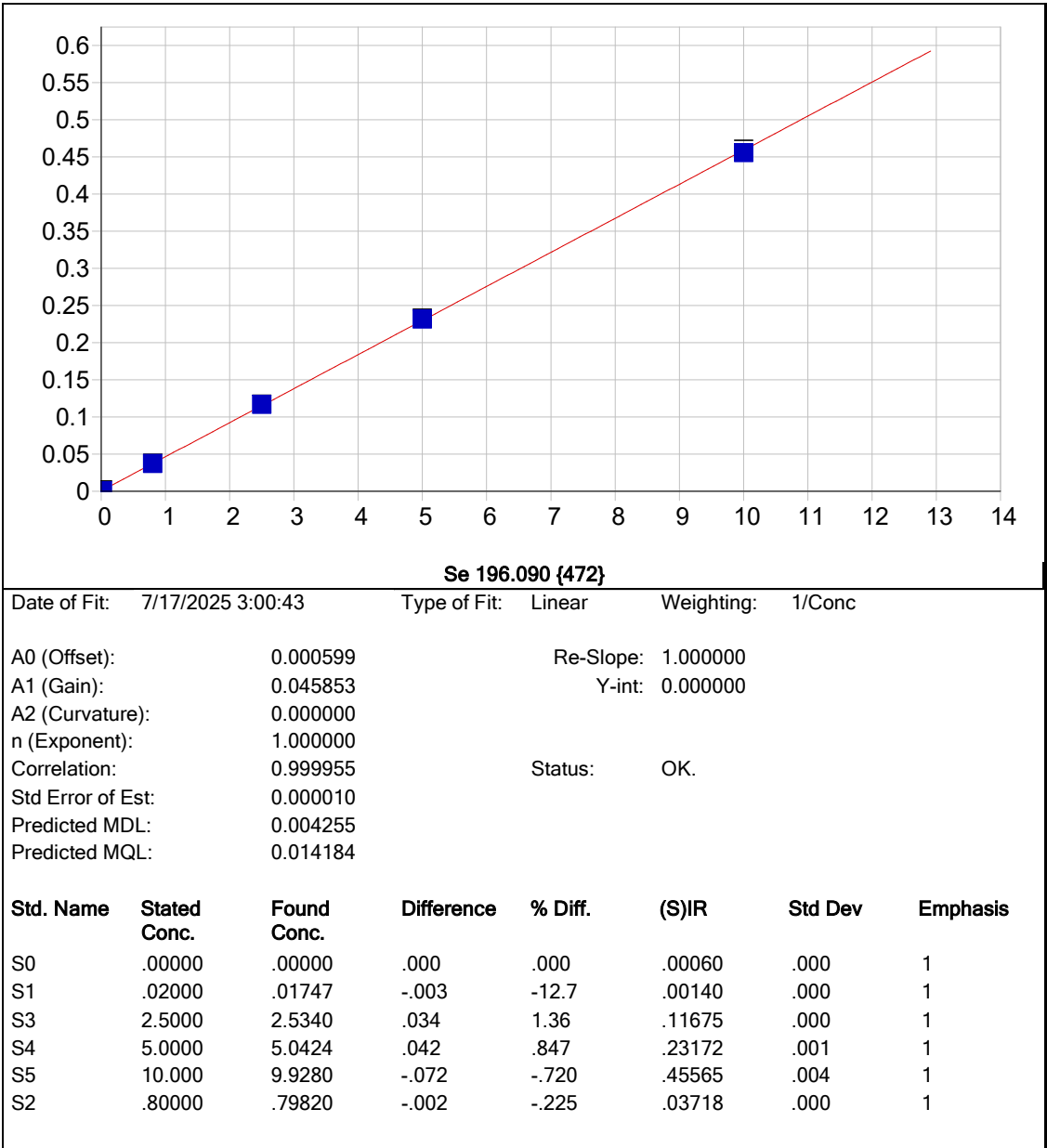


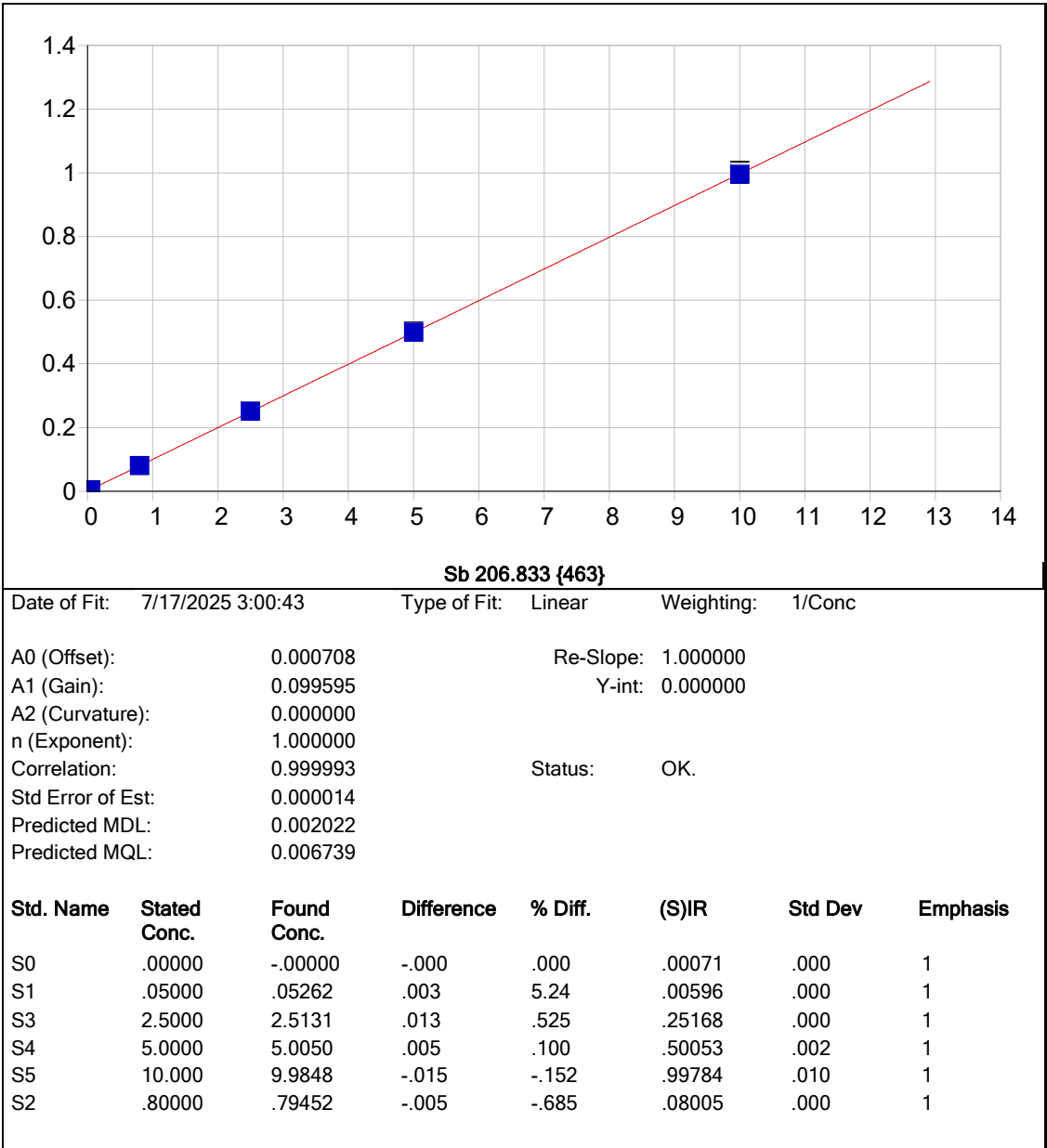
METAL RAW DATA

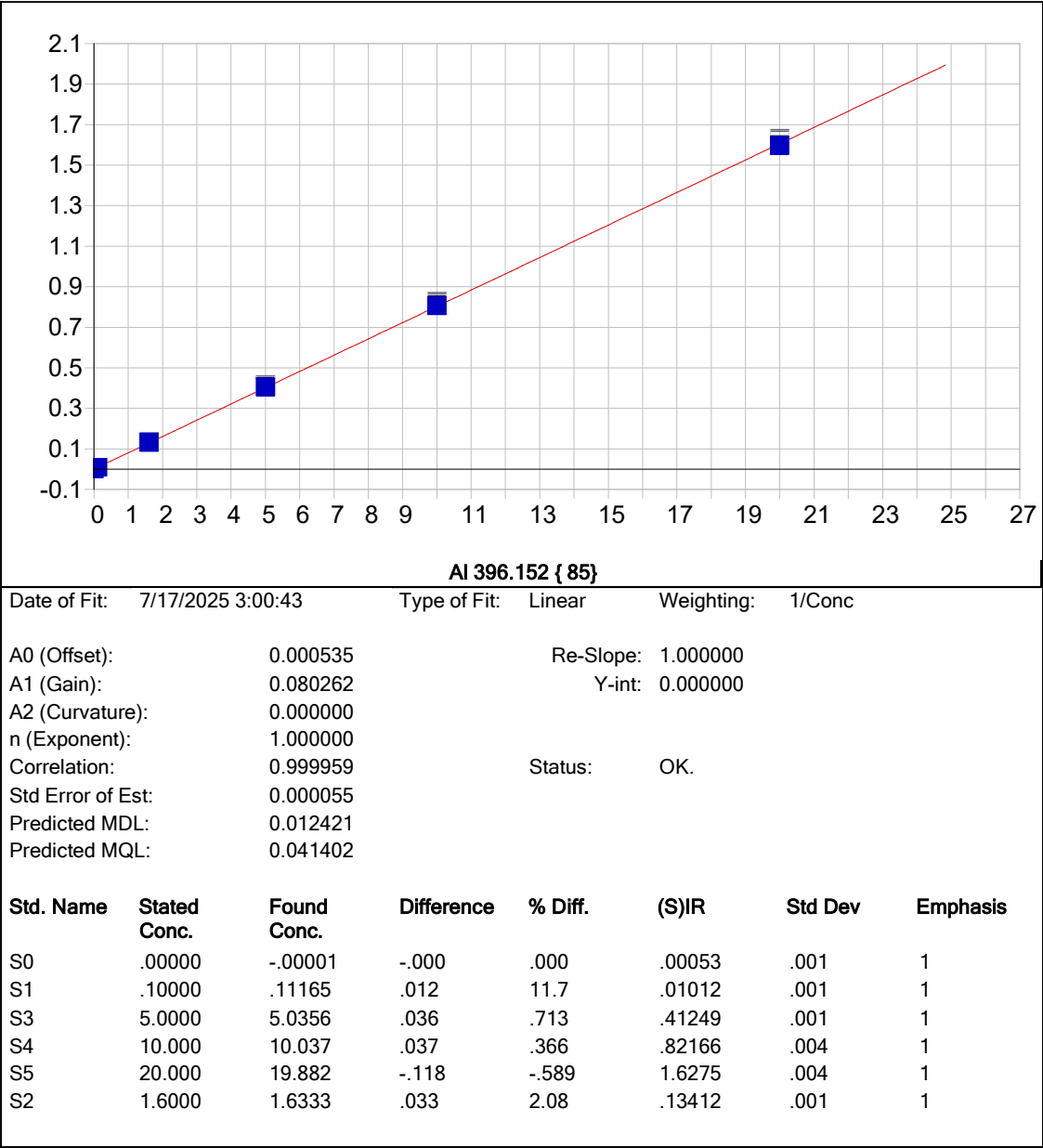


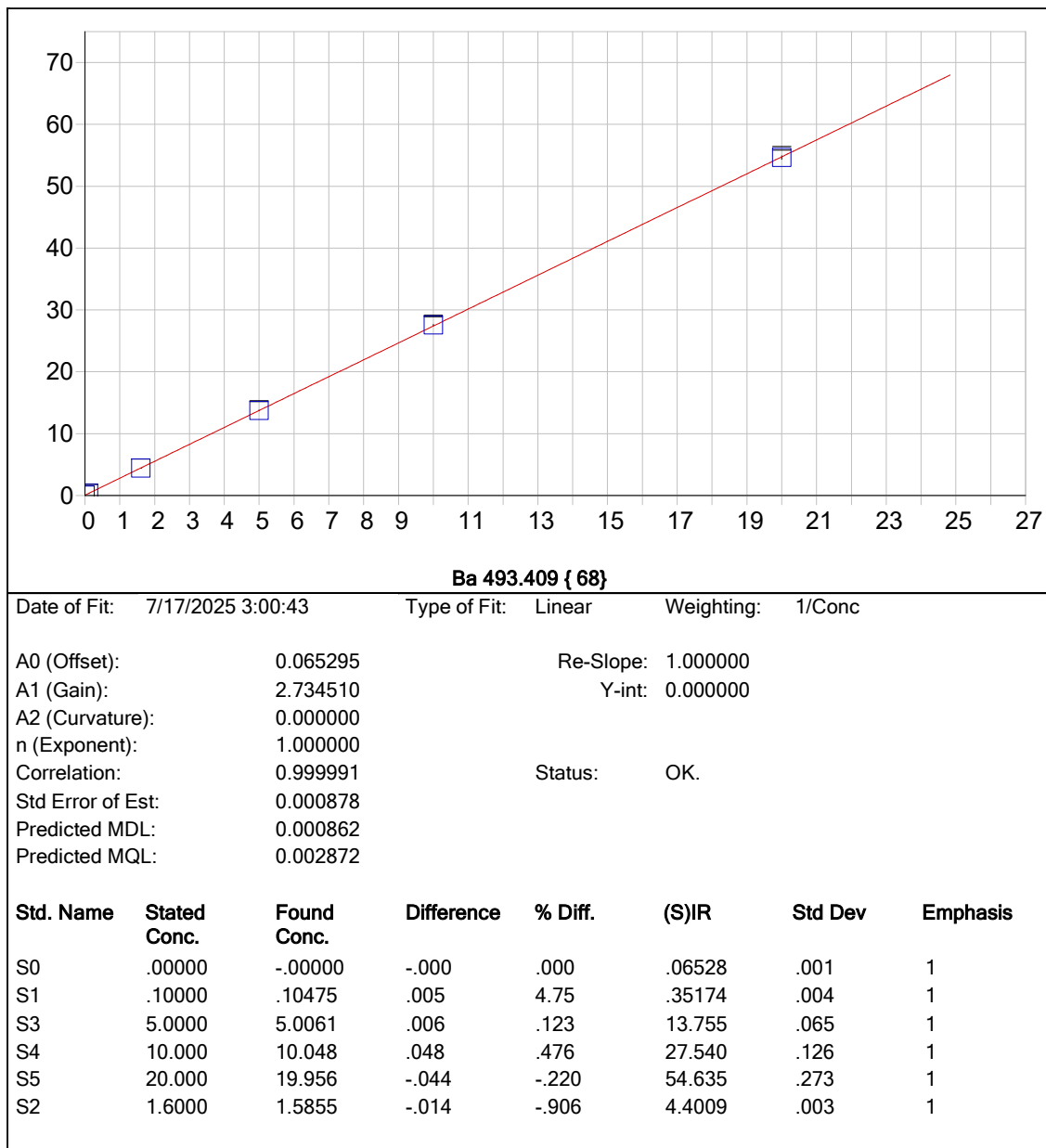


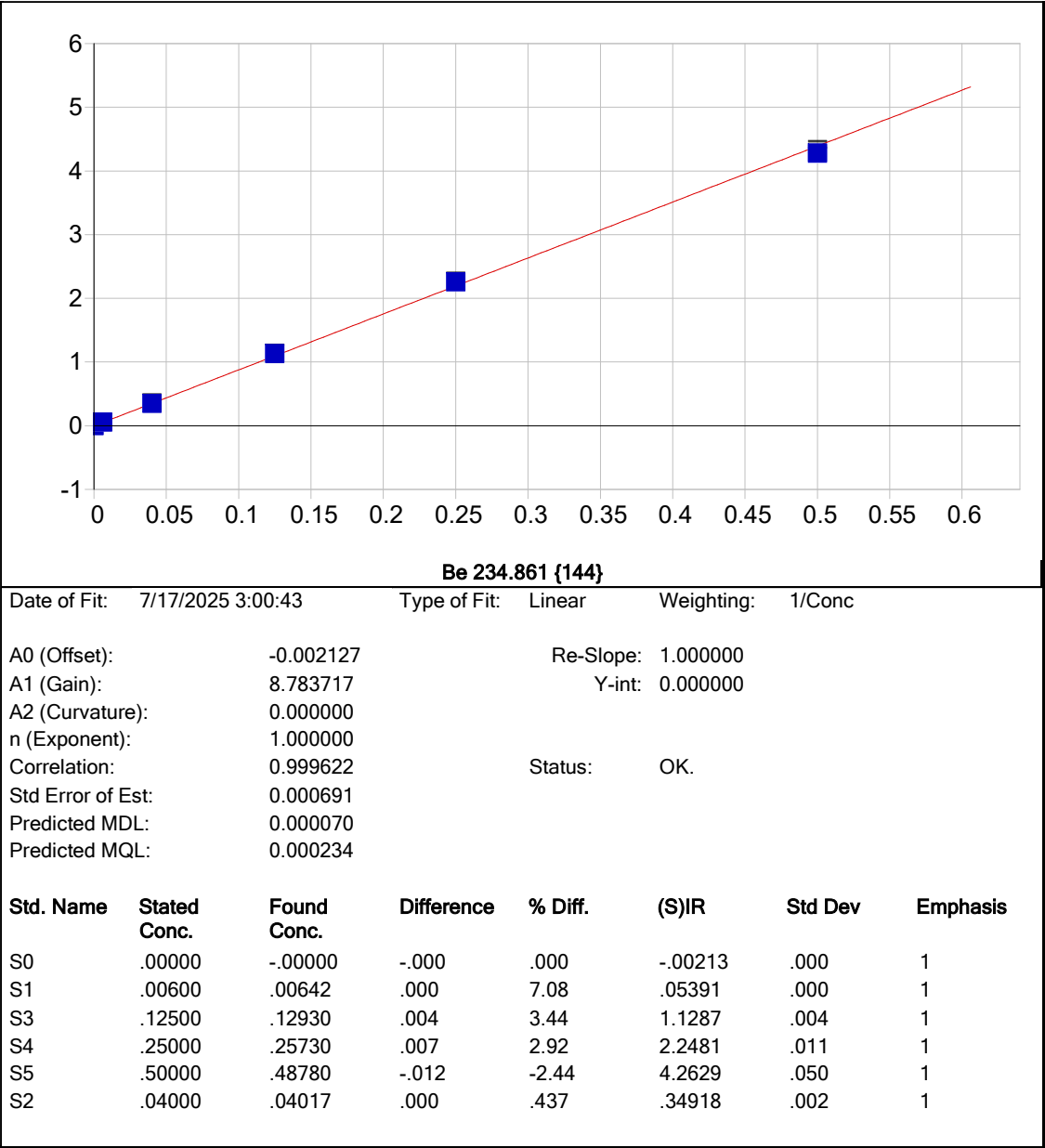


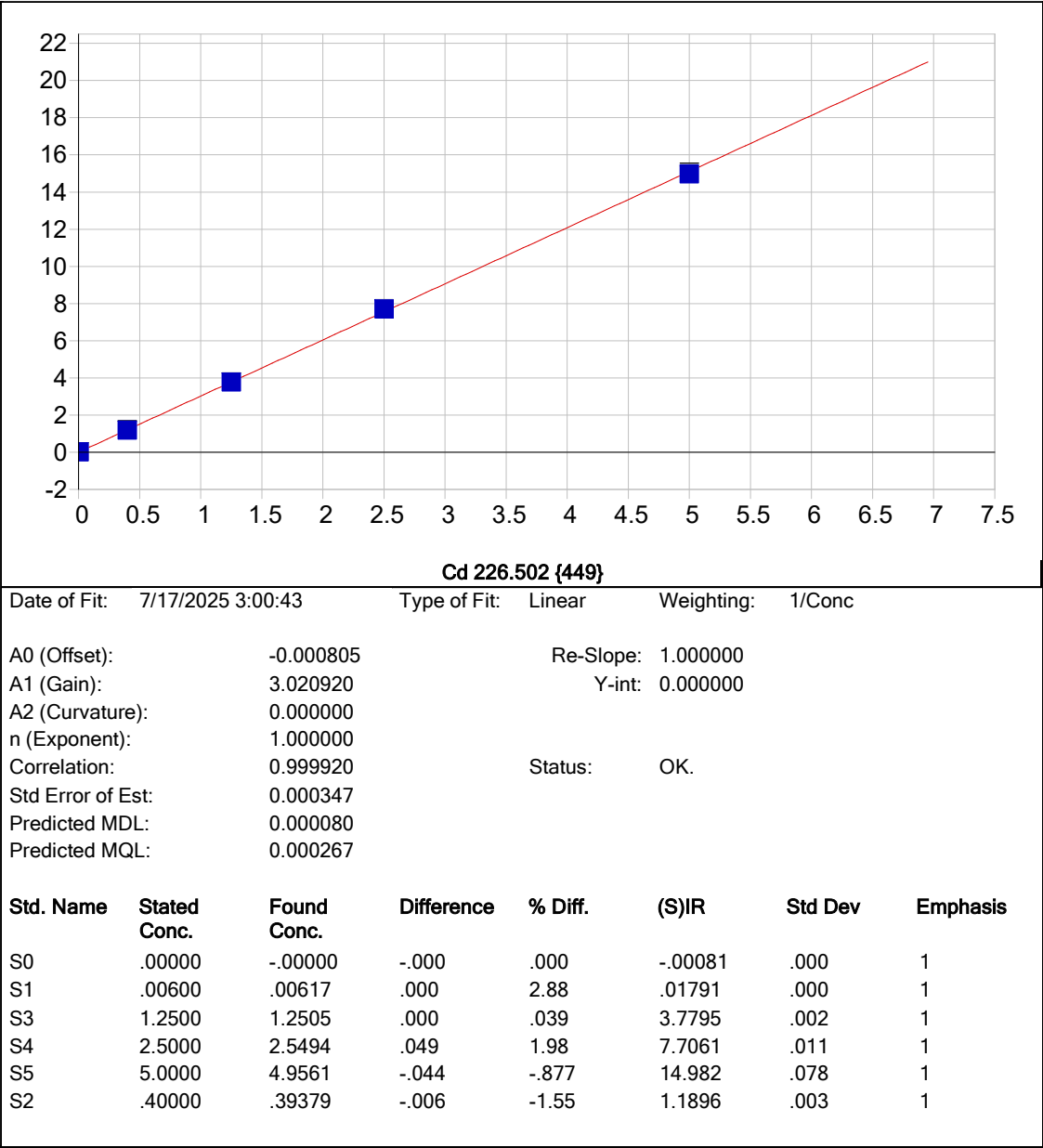


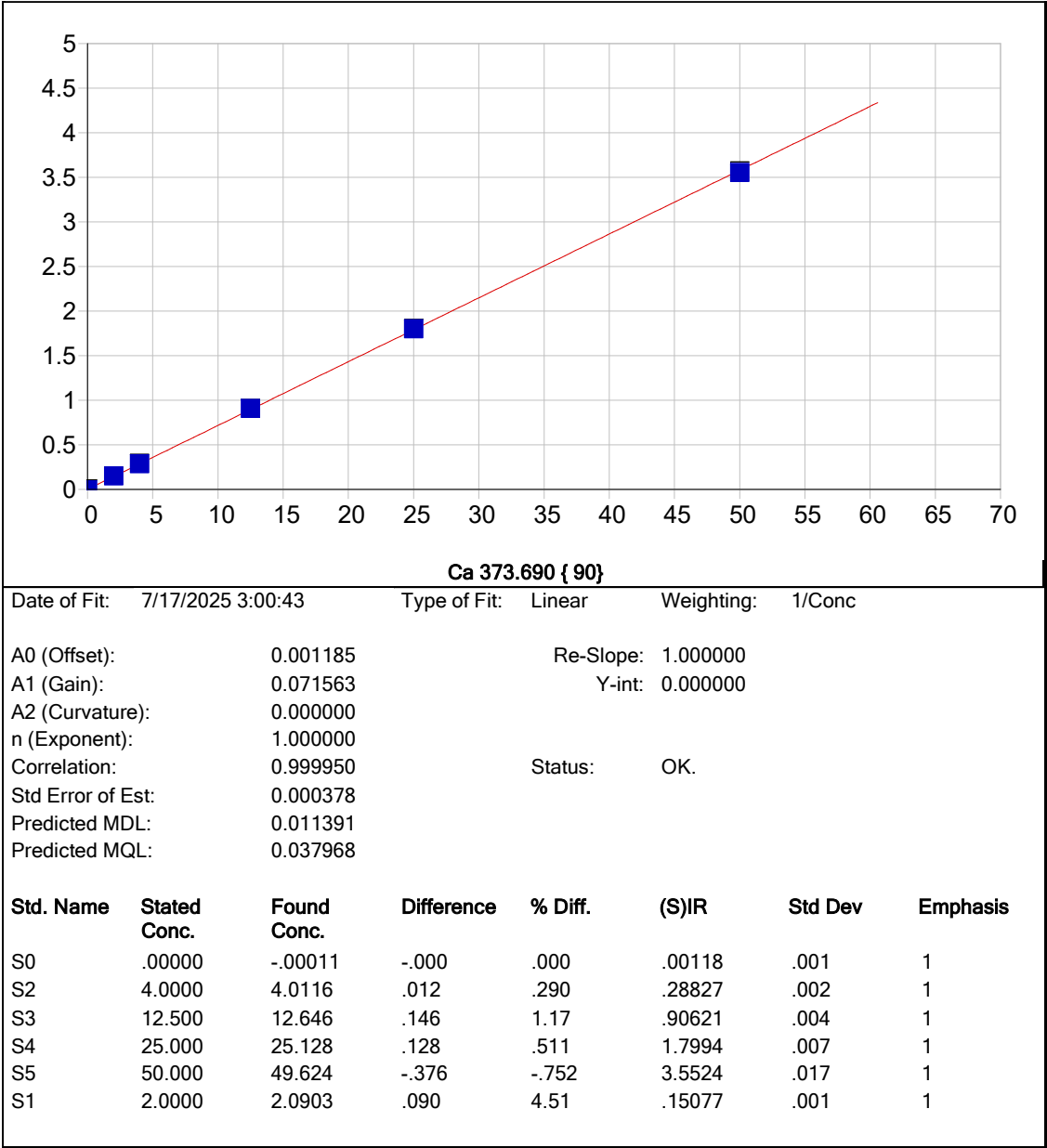


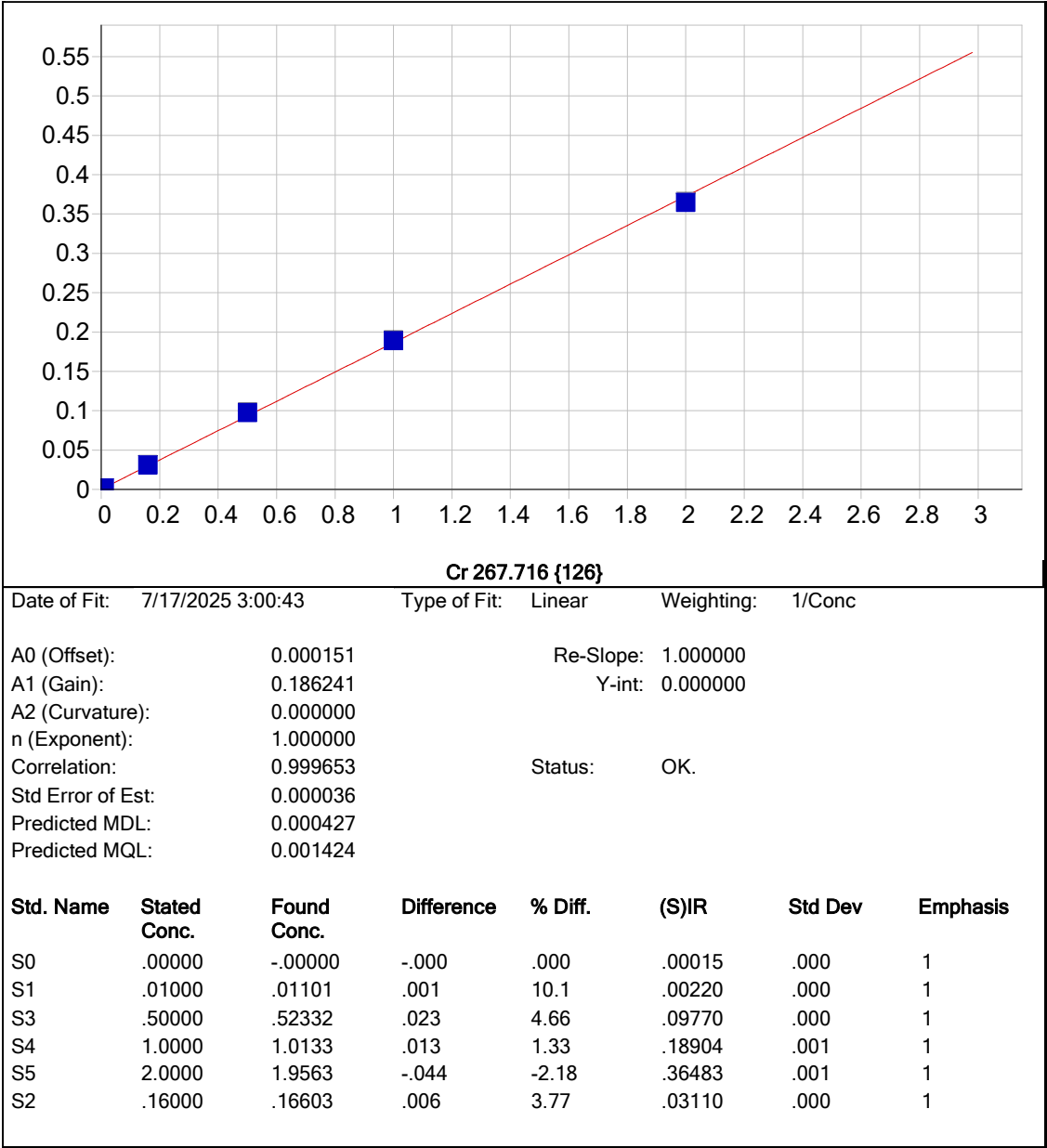


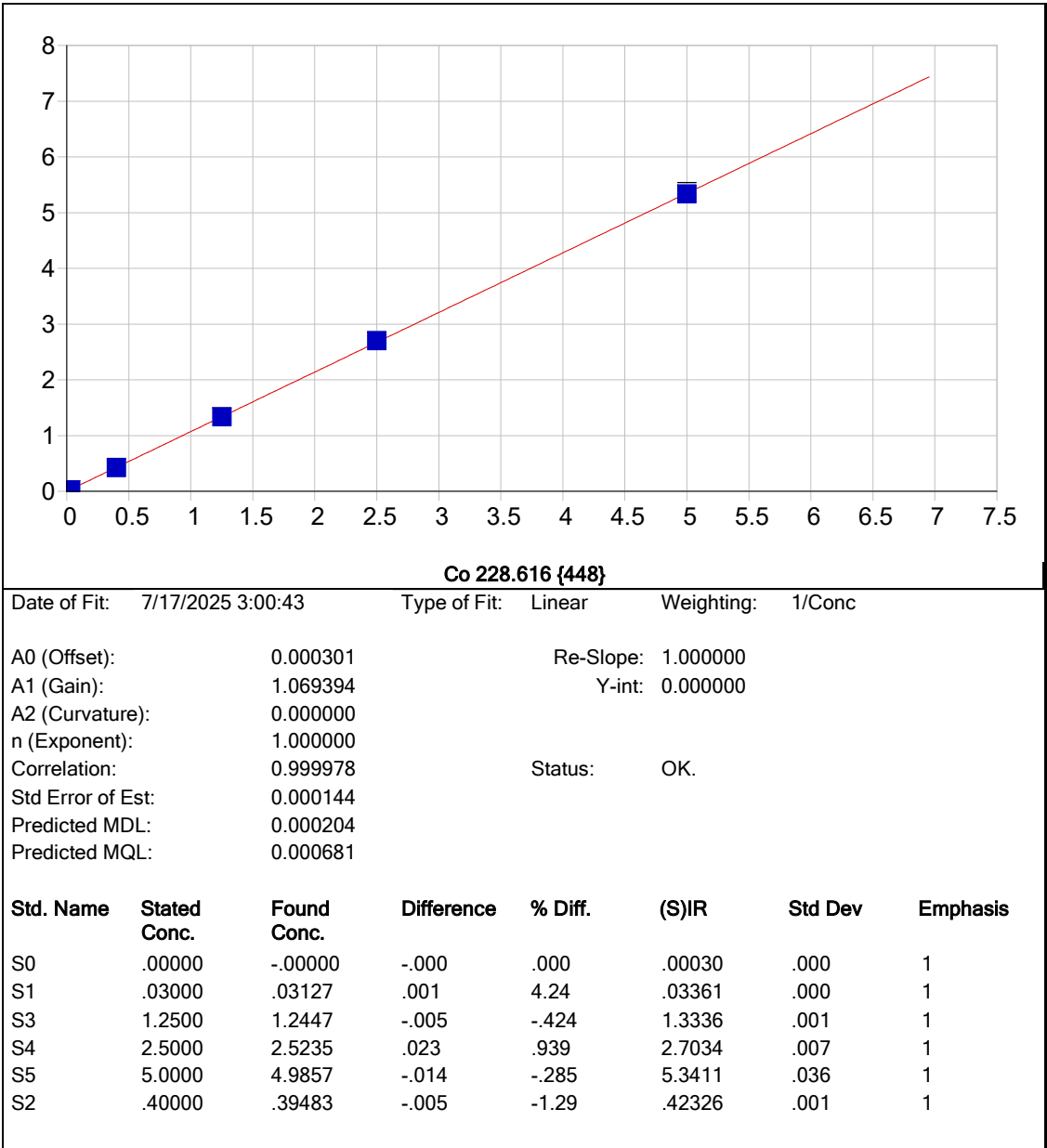


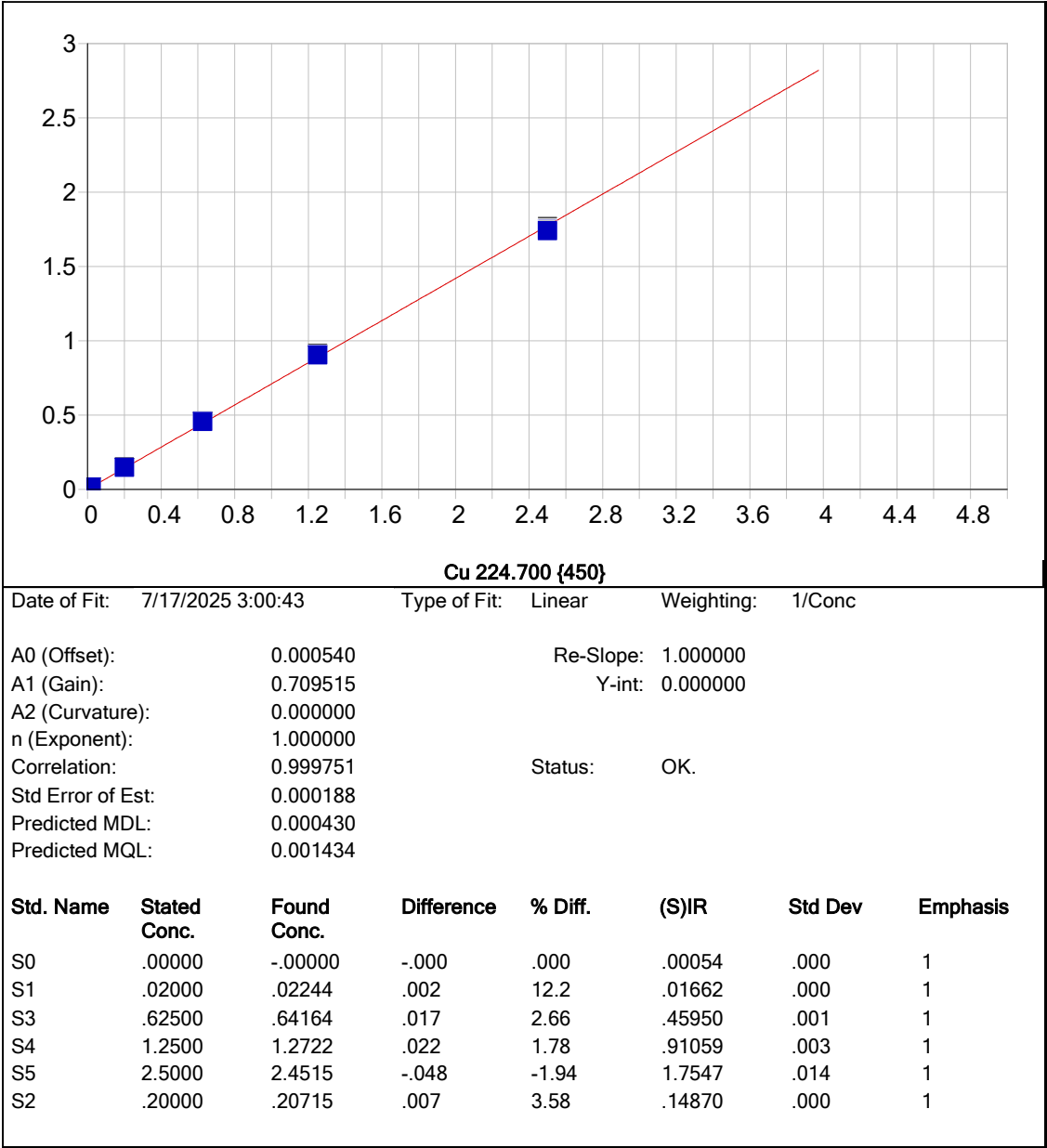


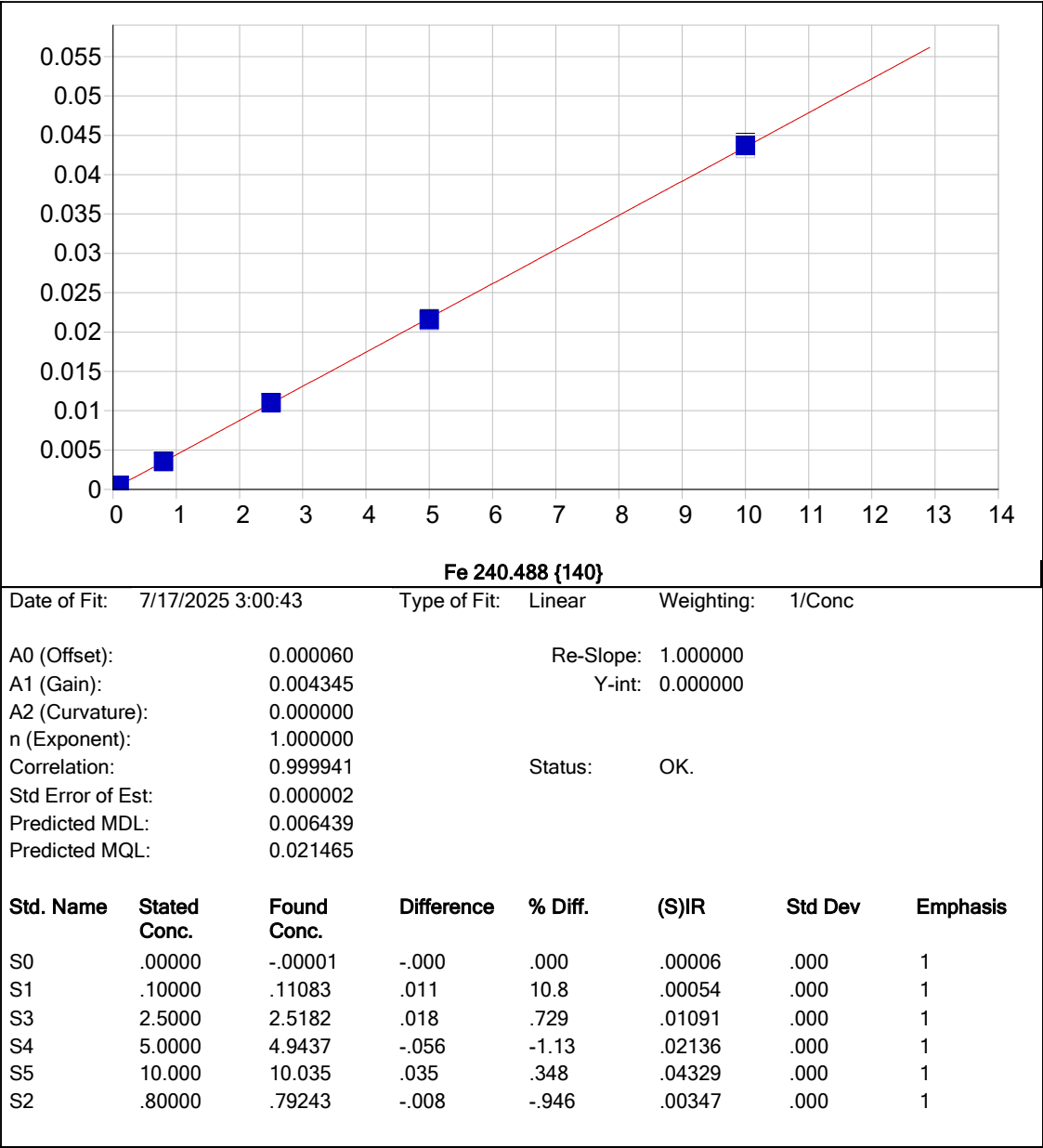


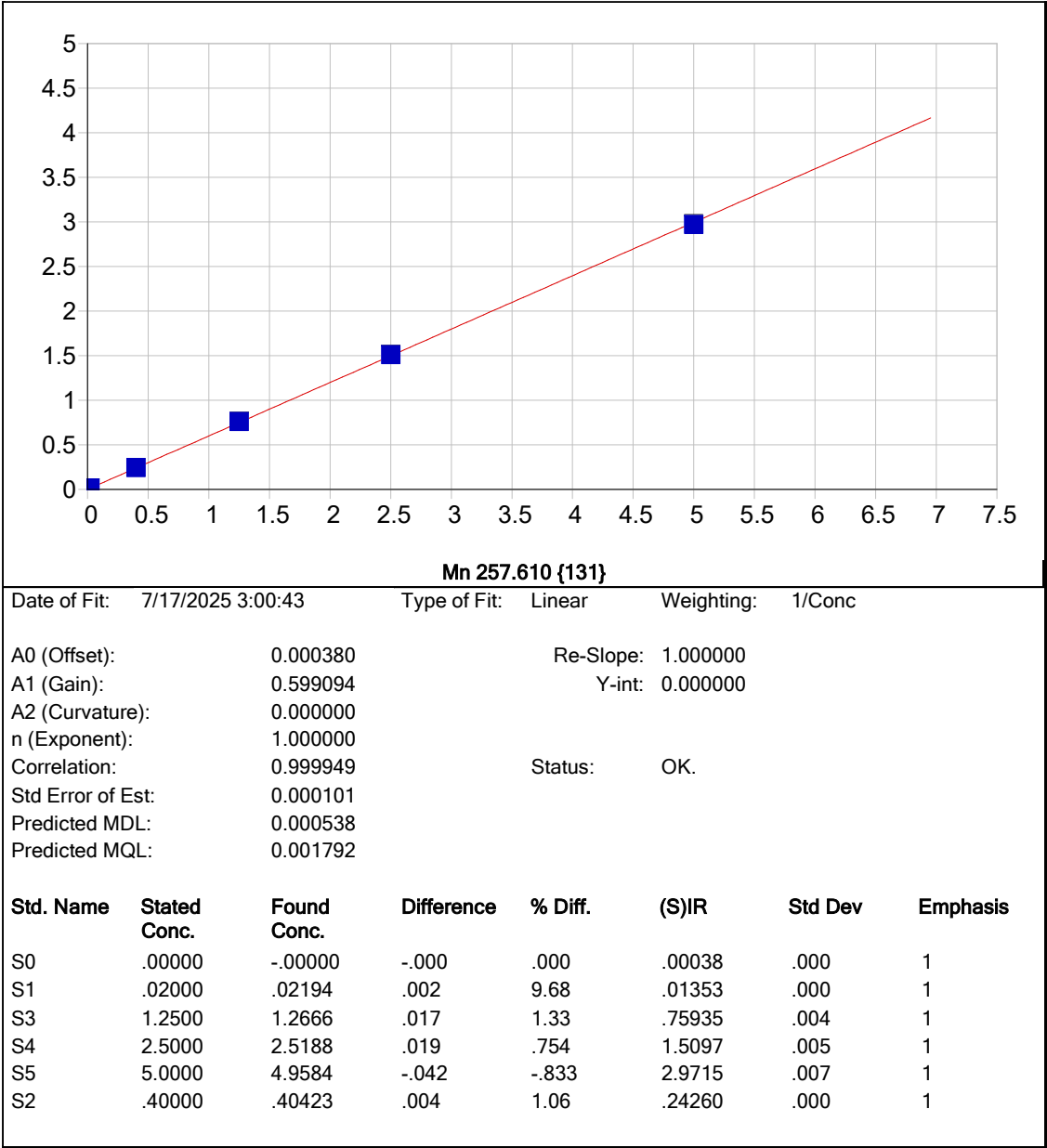


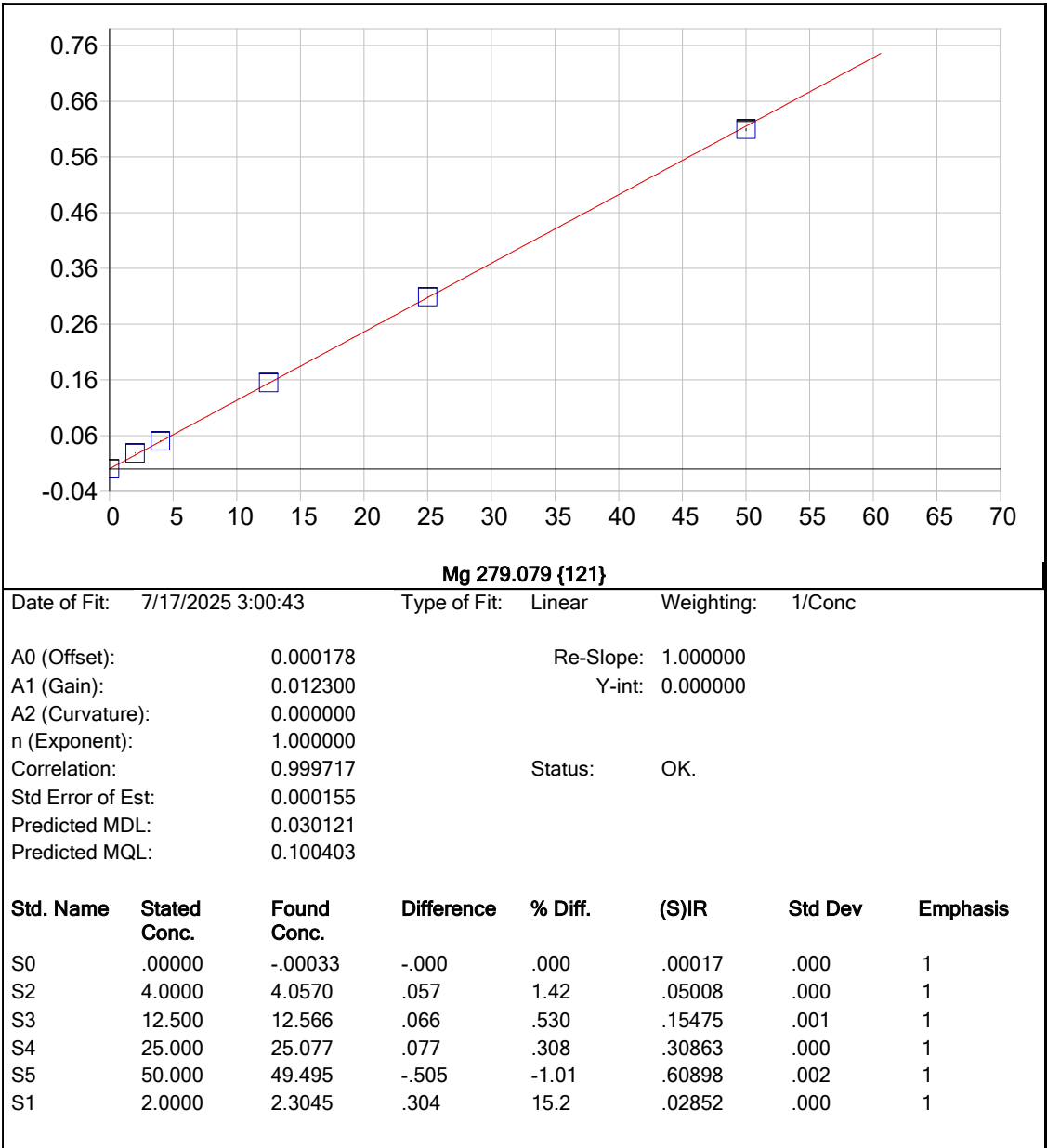


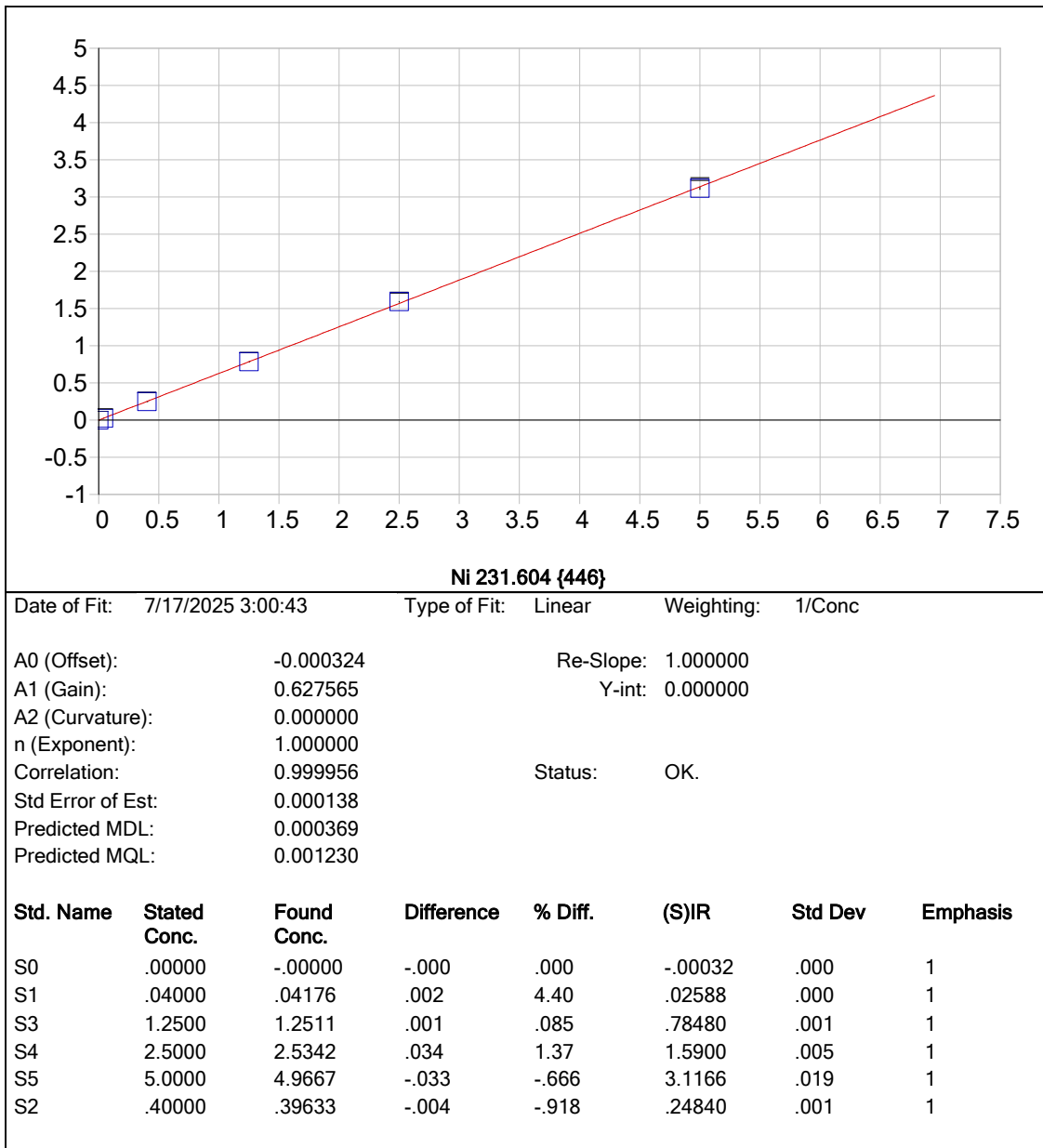


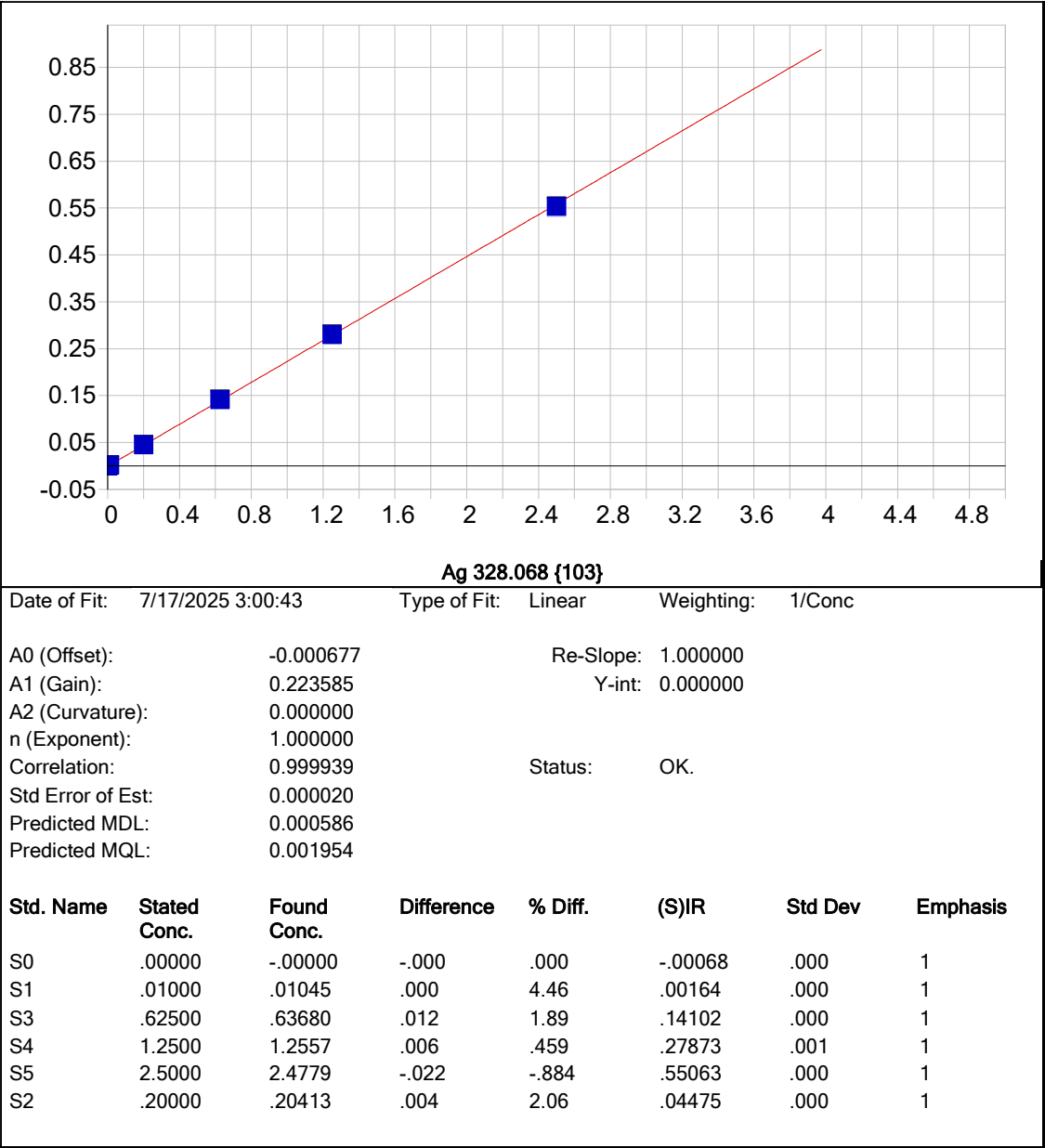


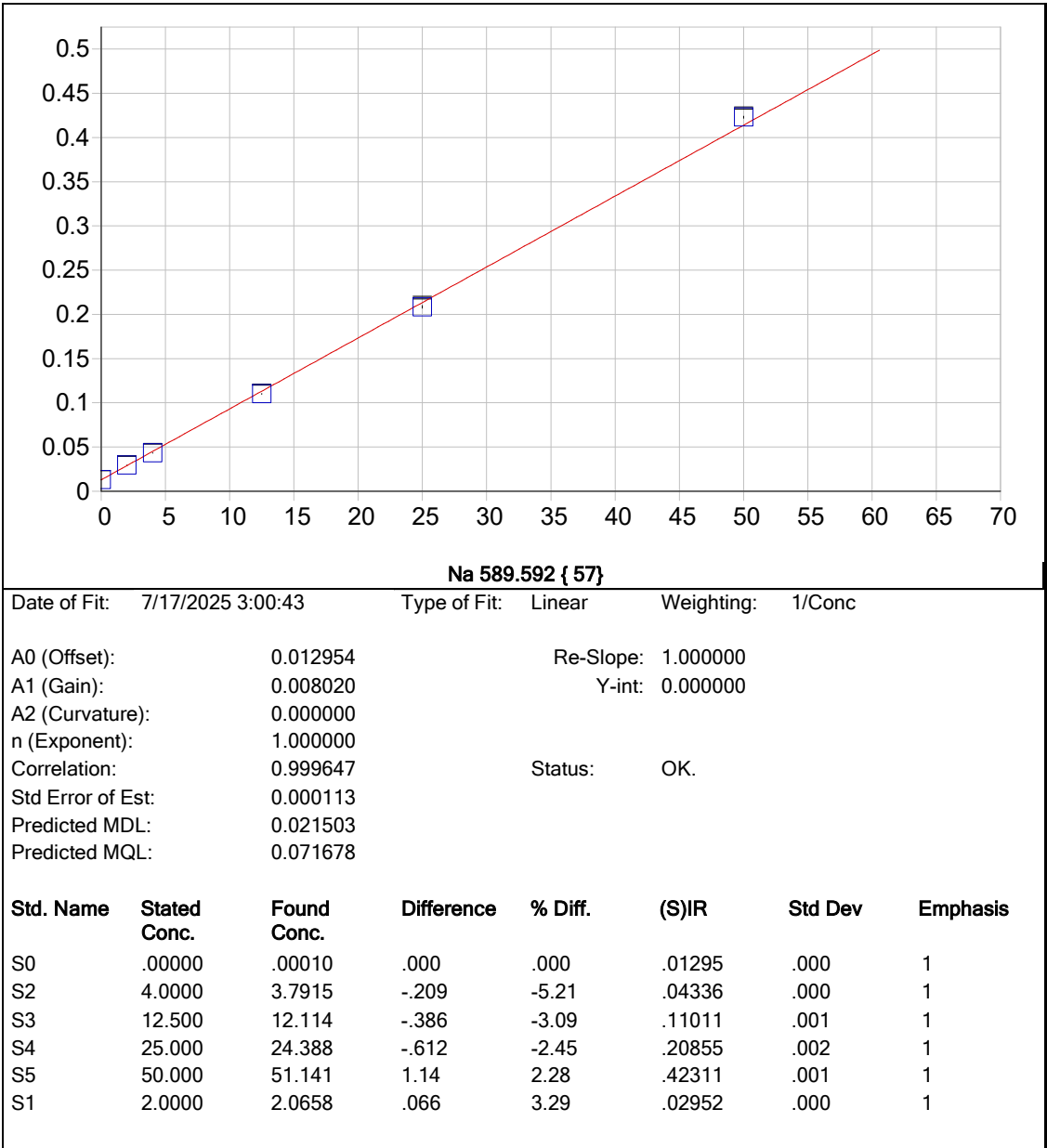


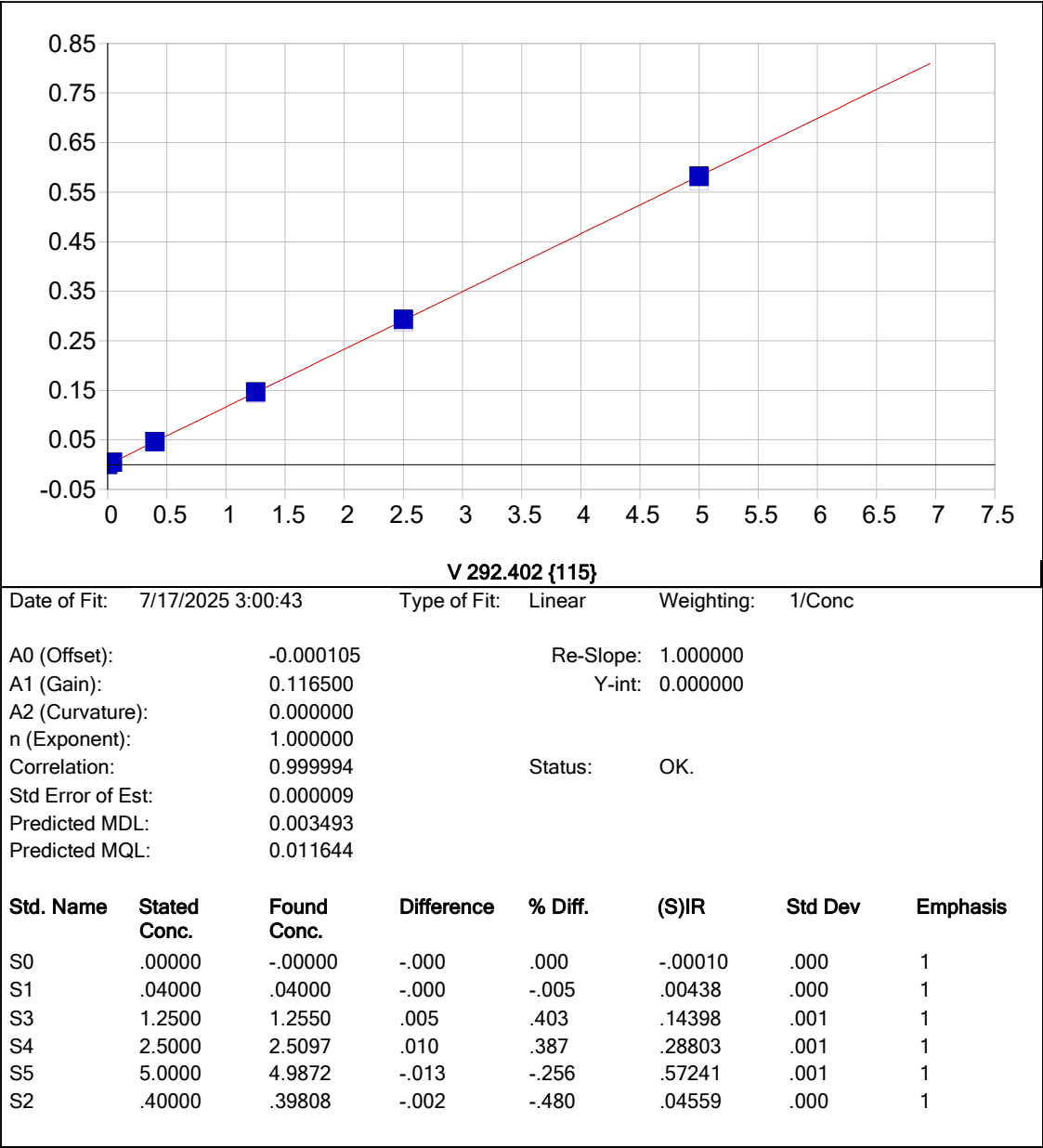


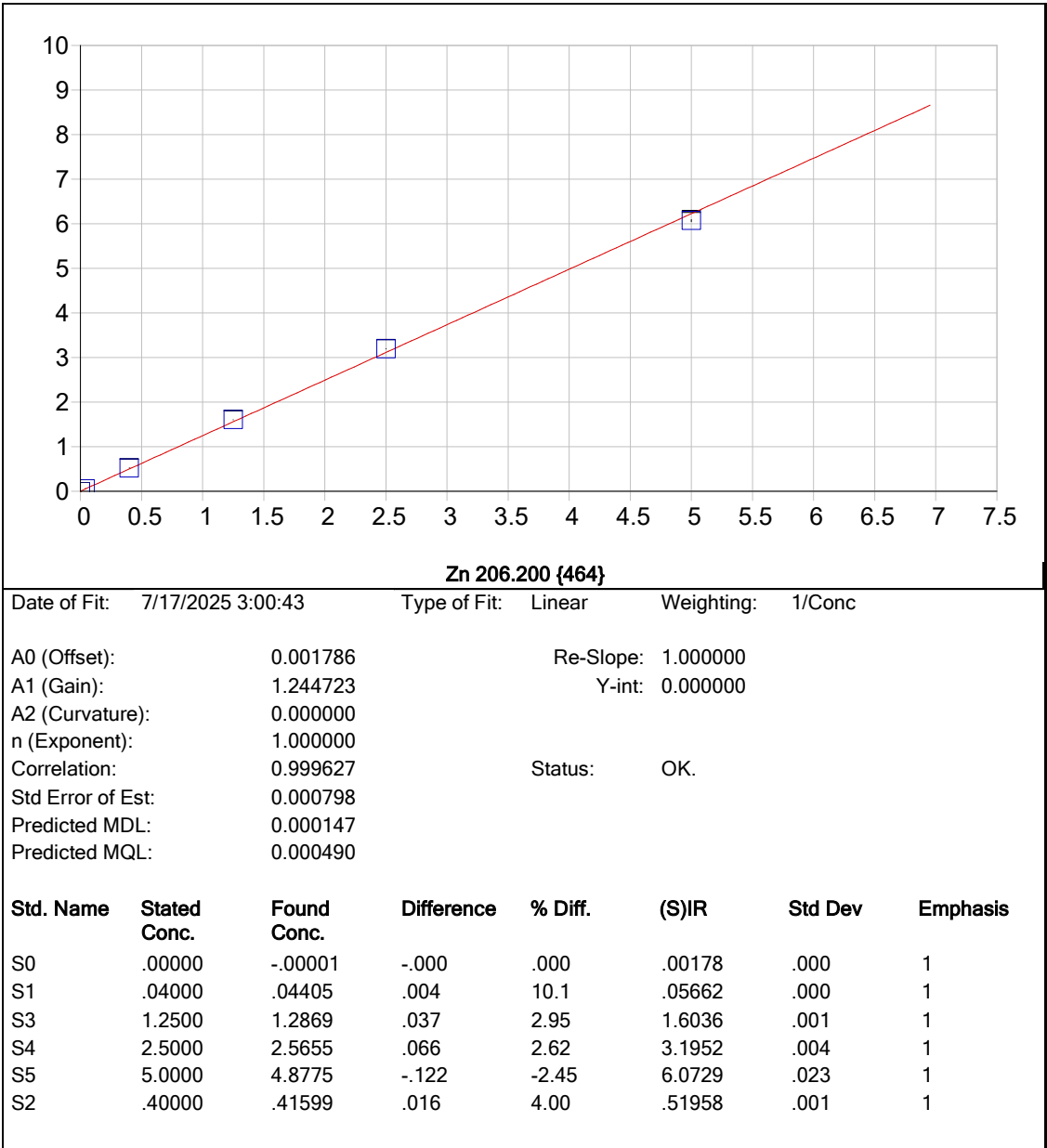


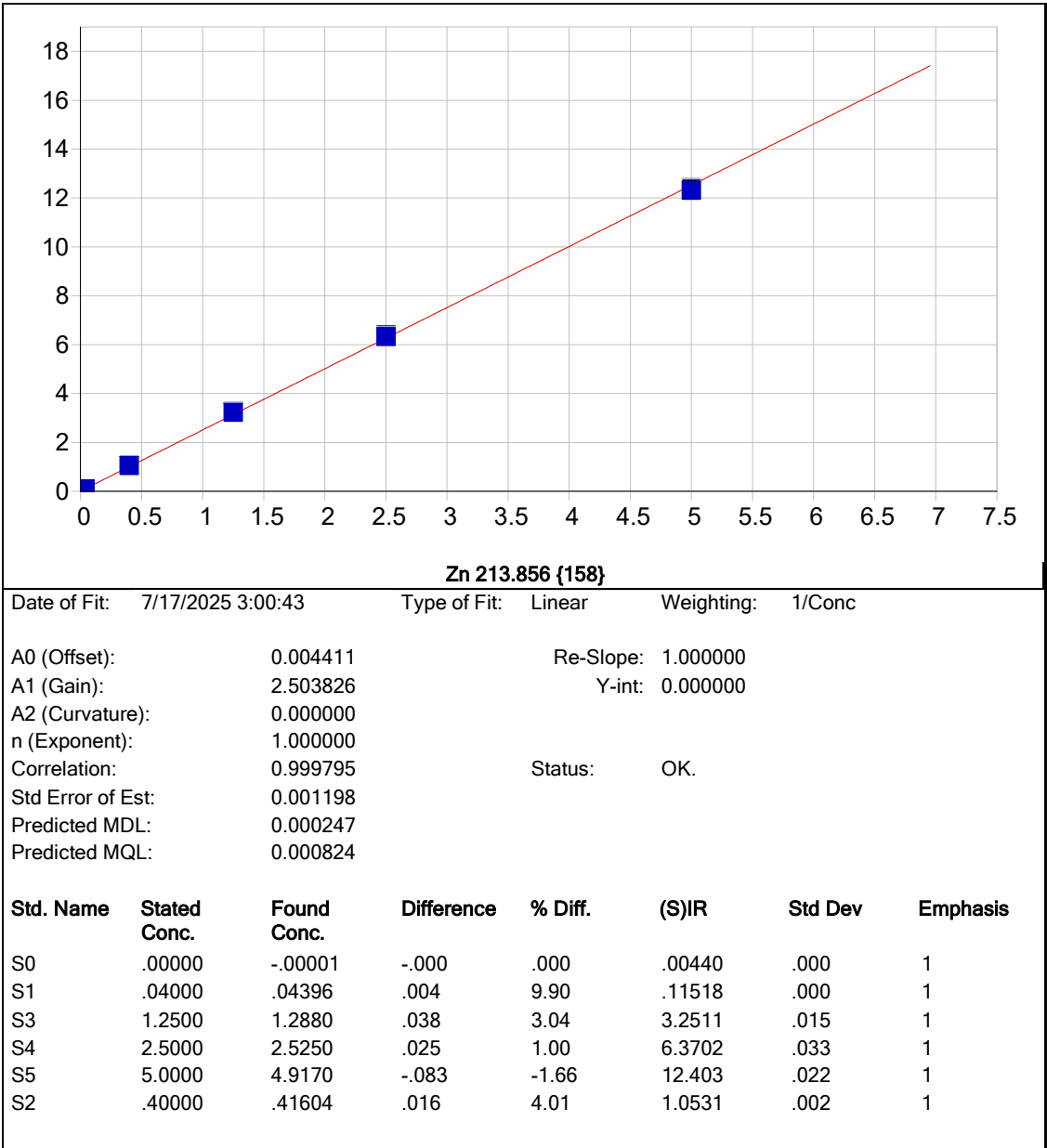


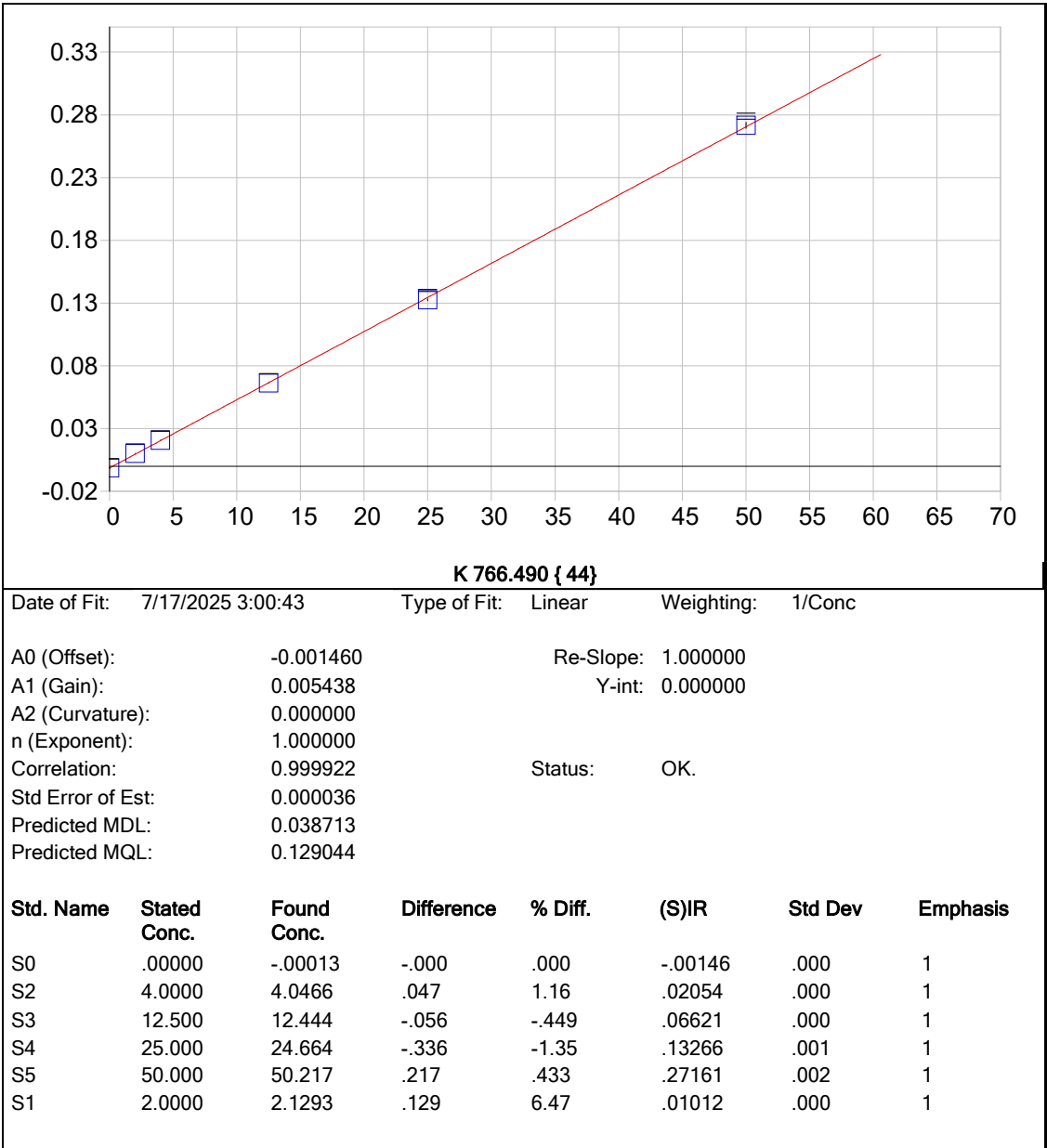


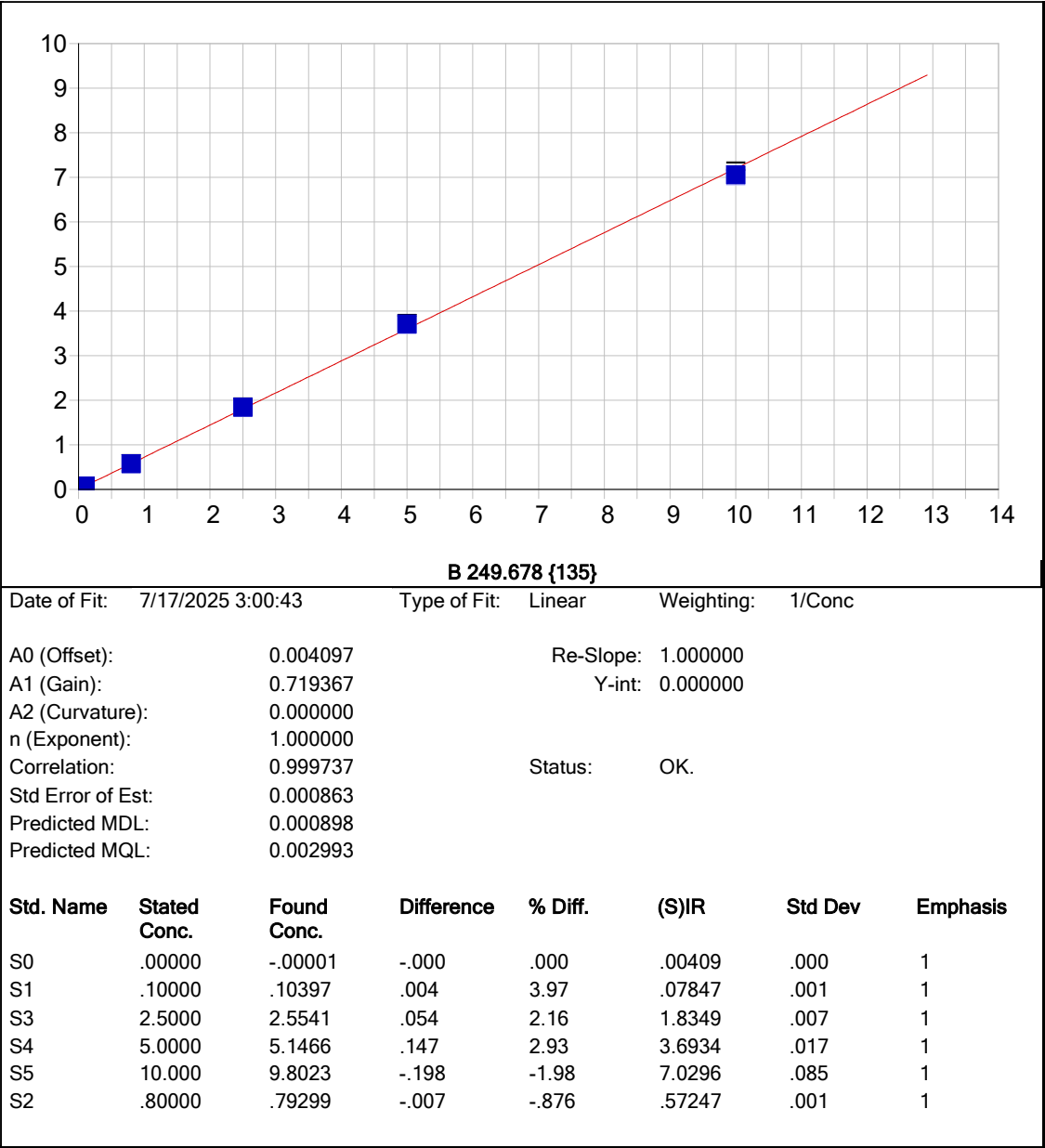


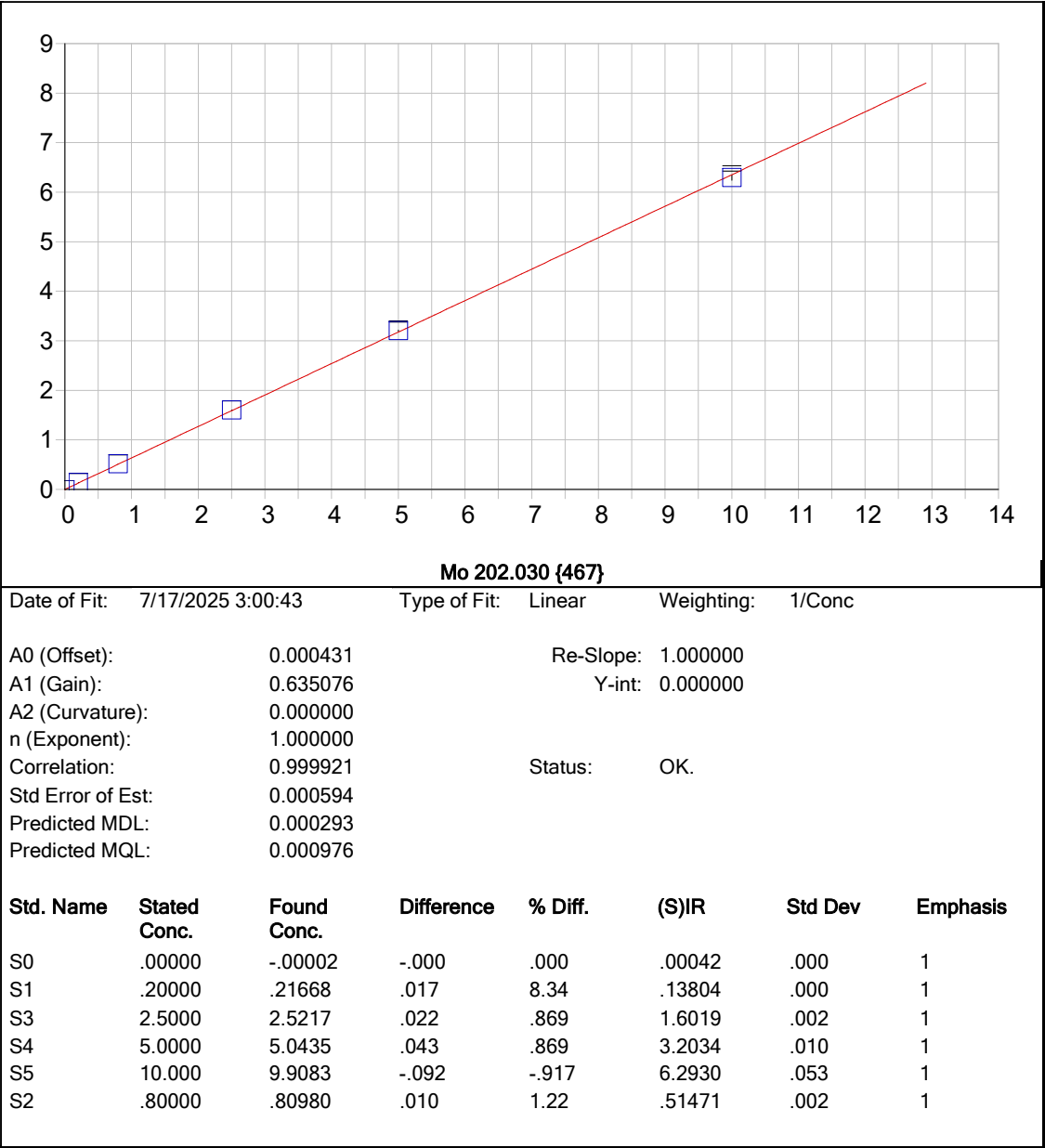


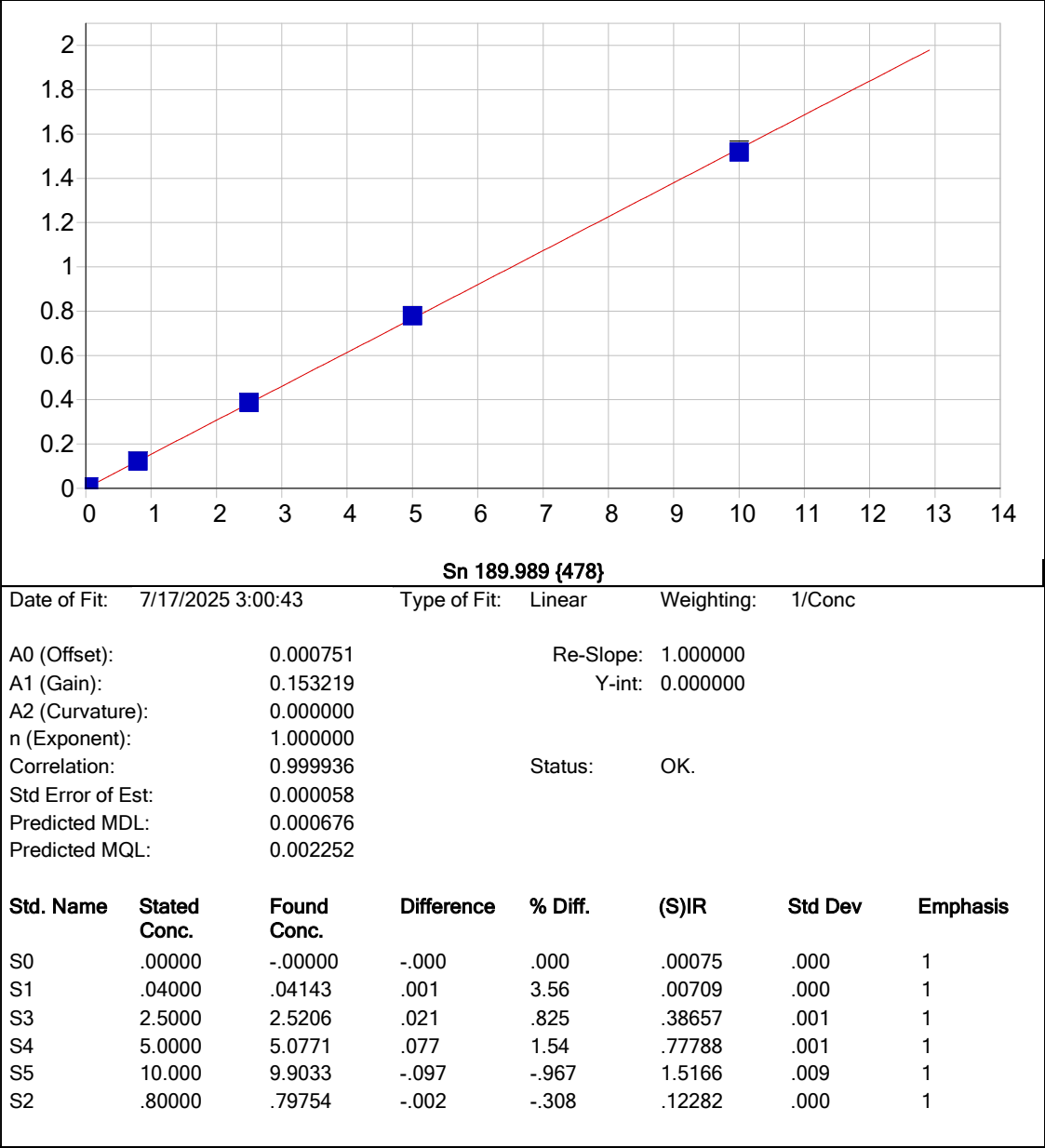


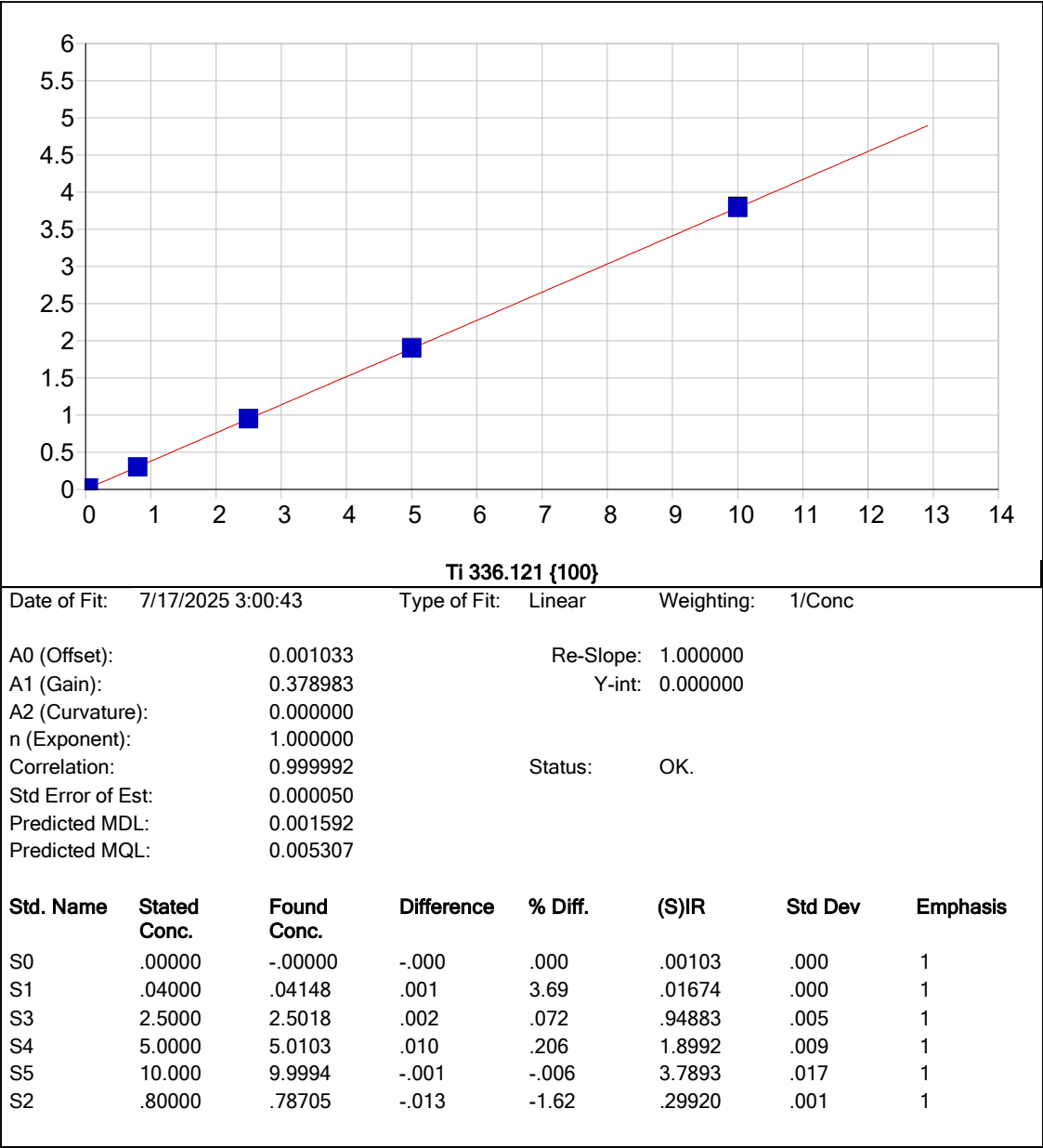


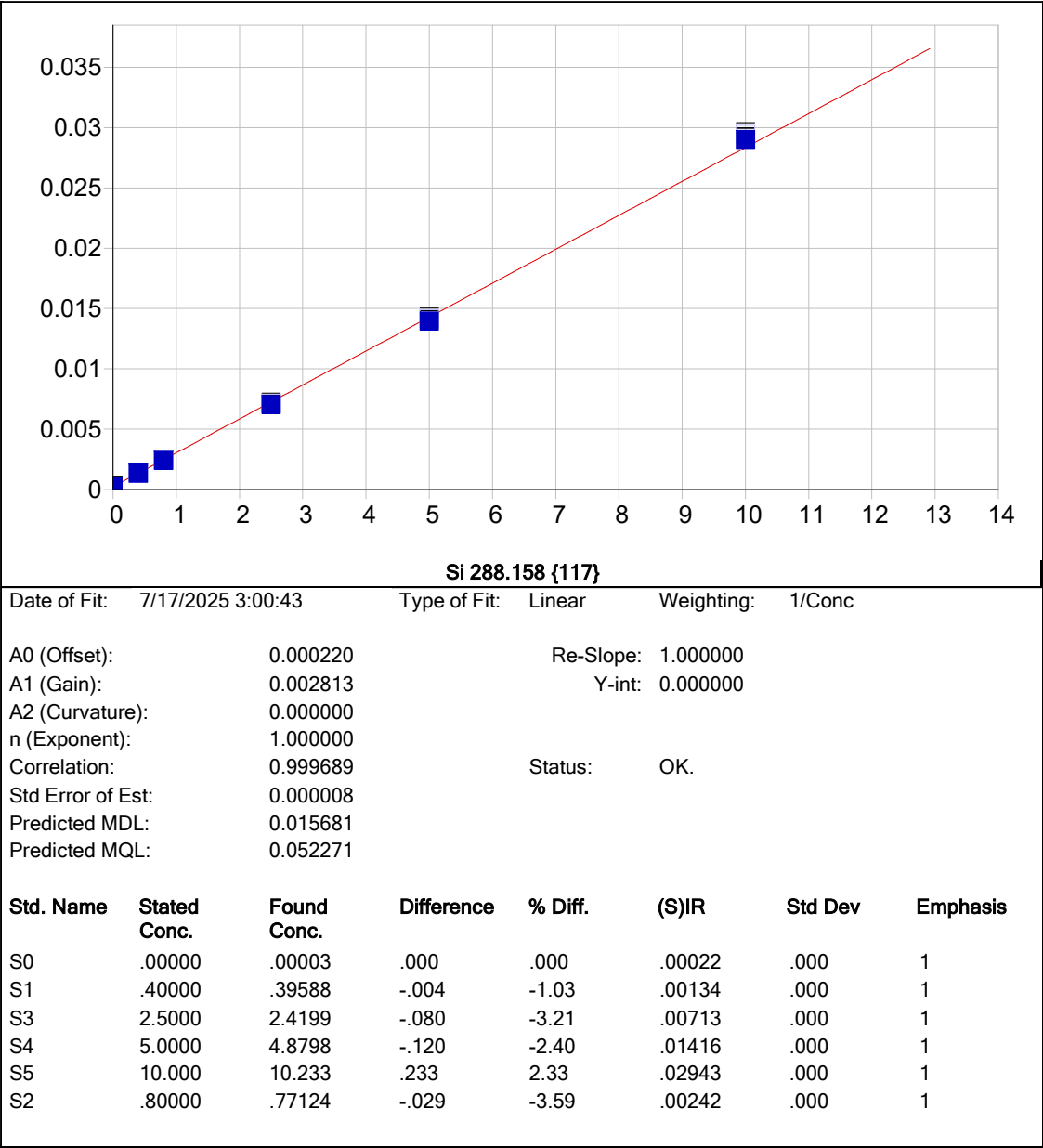


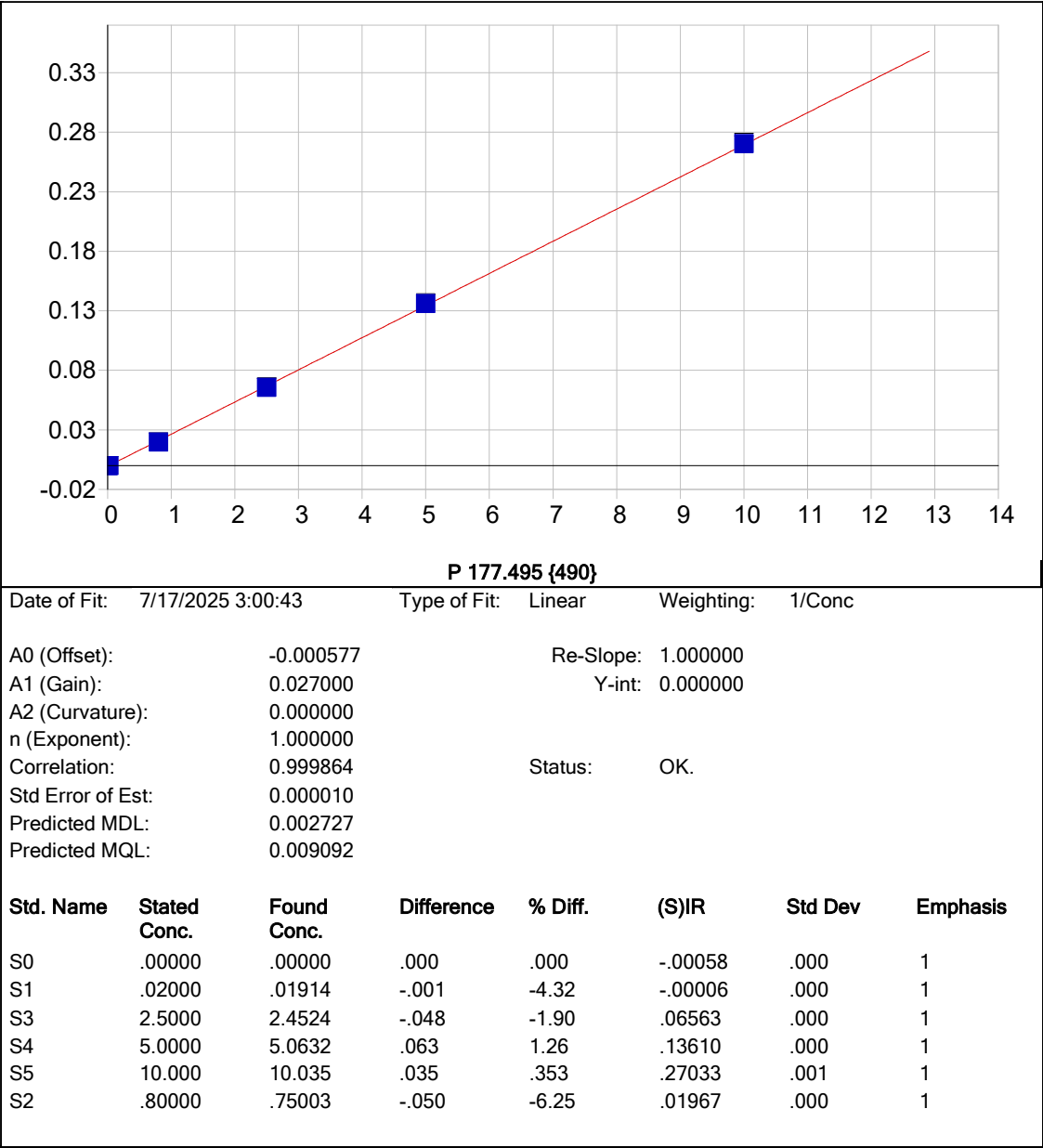


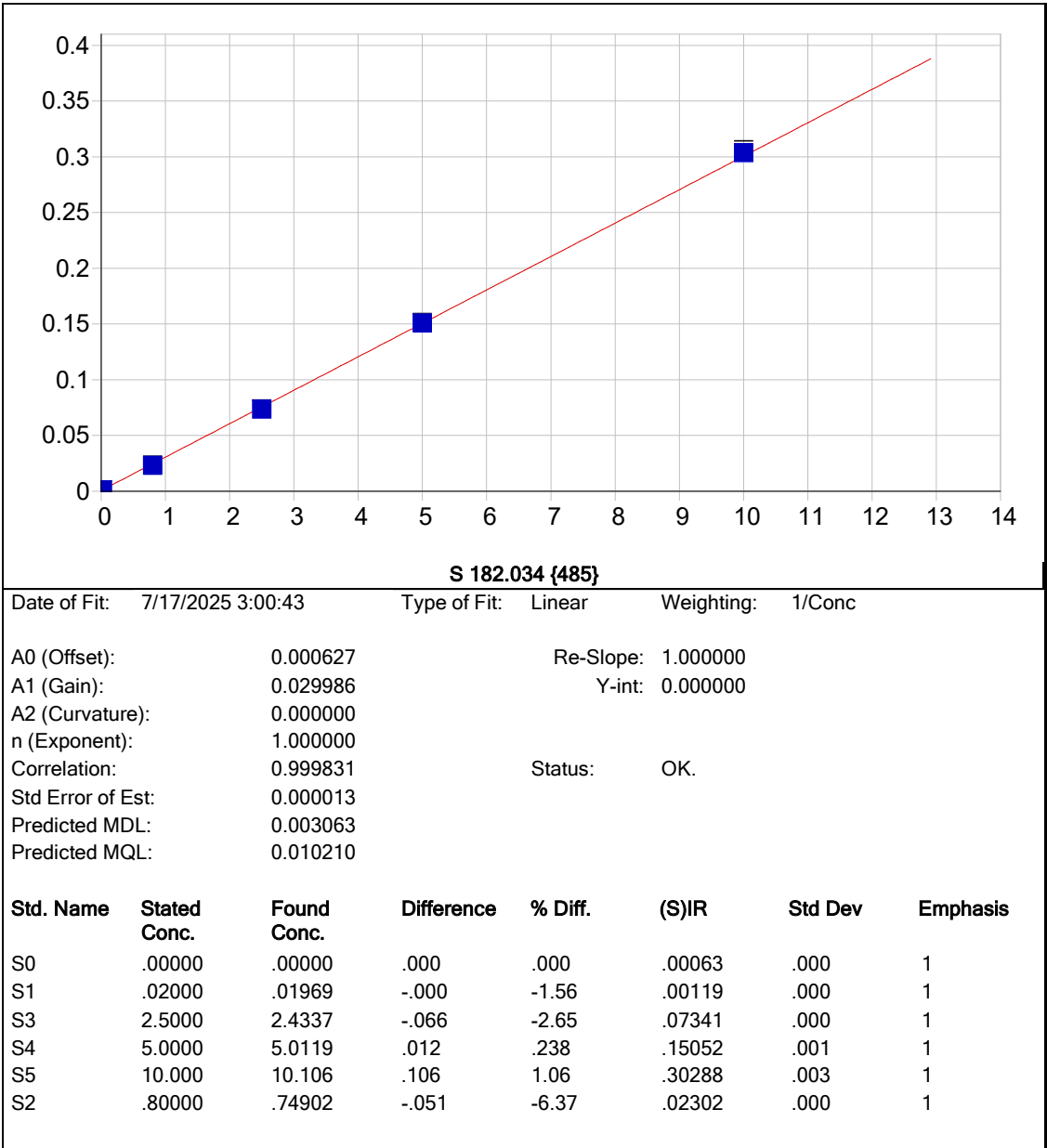


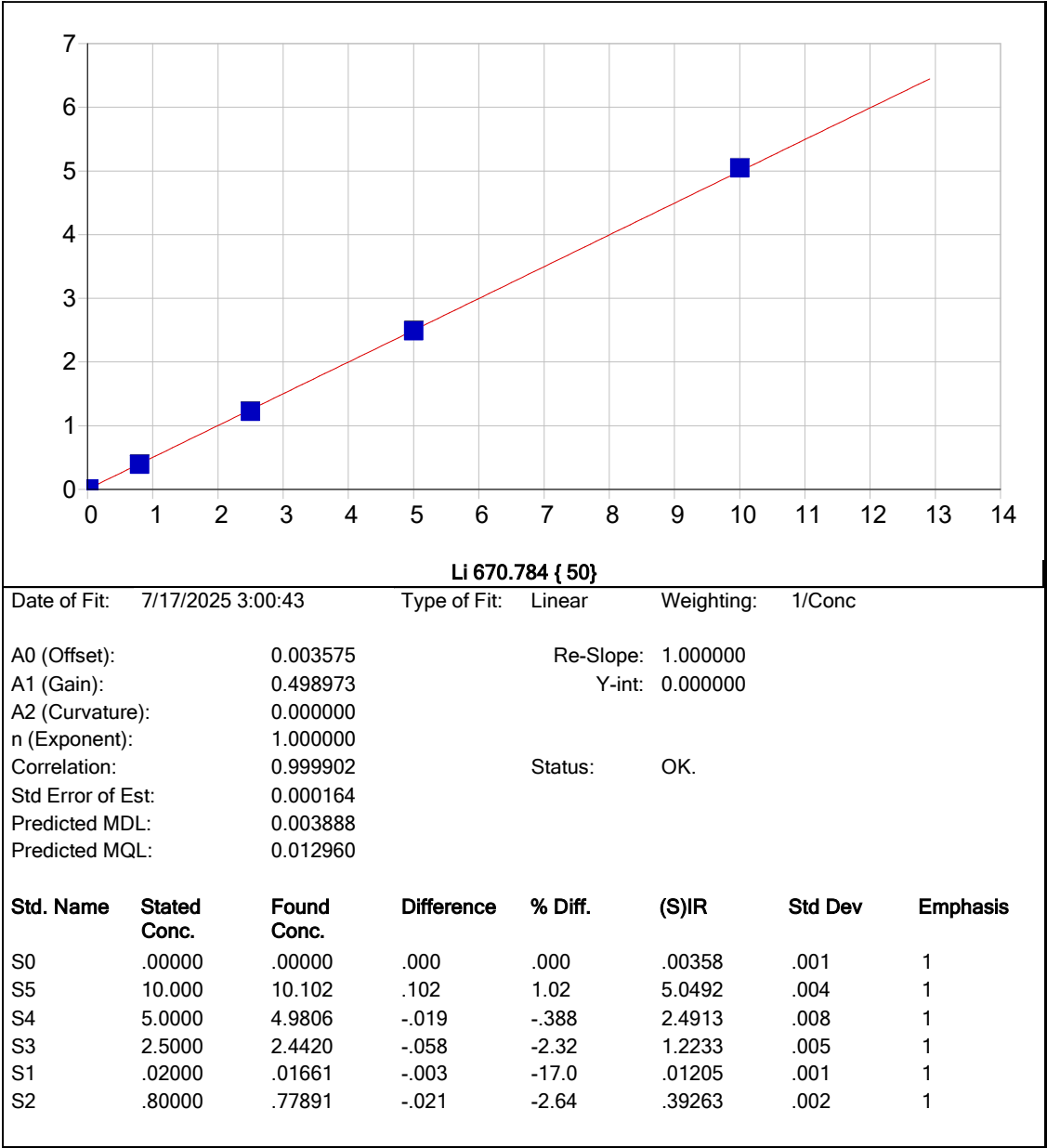


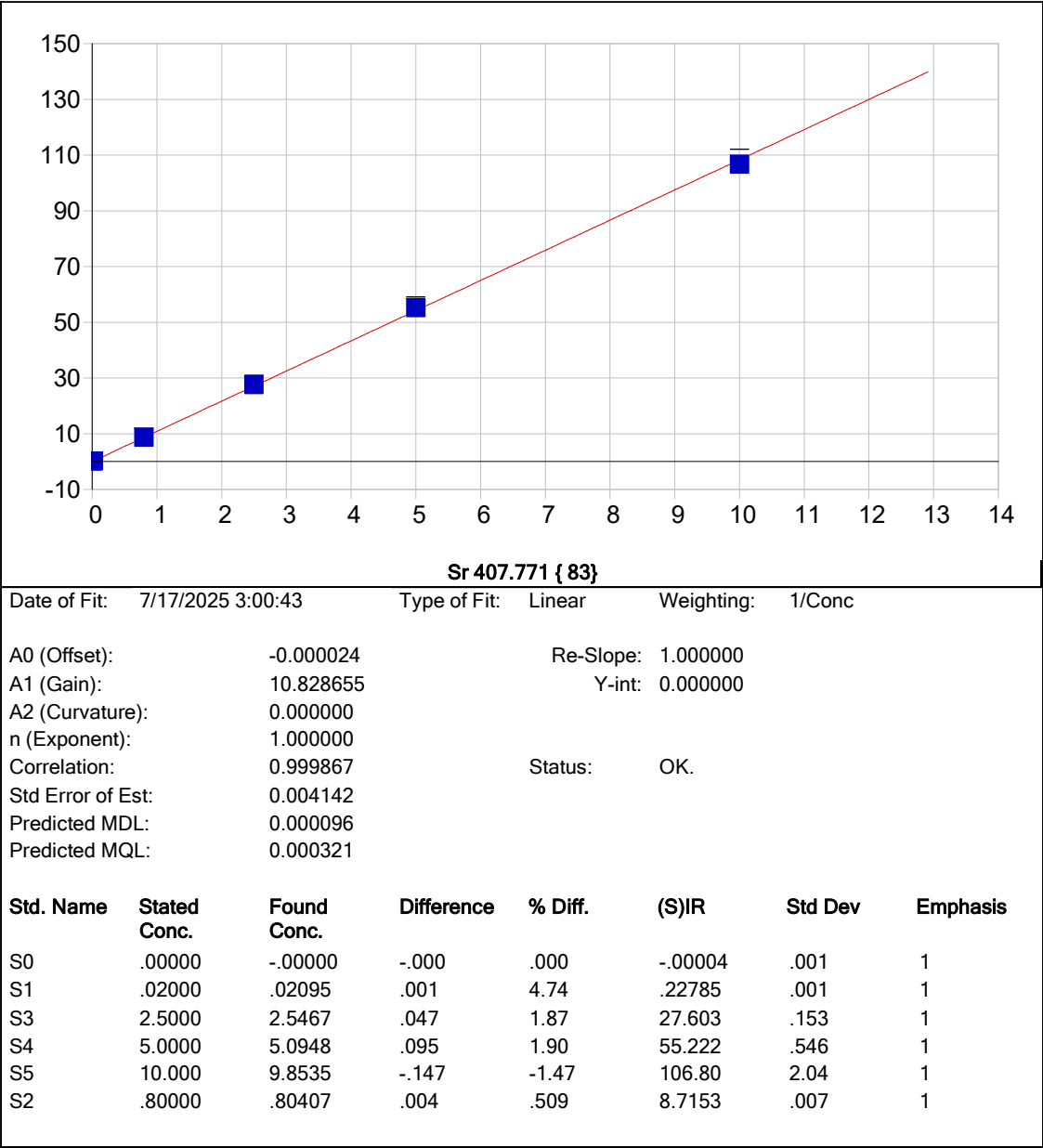


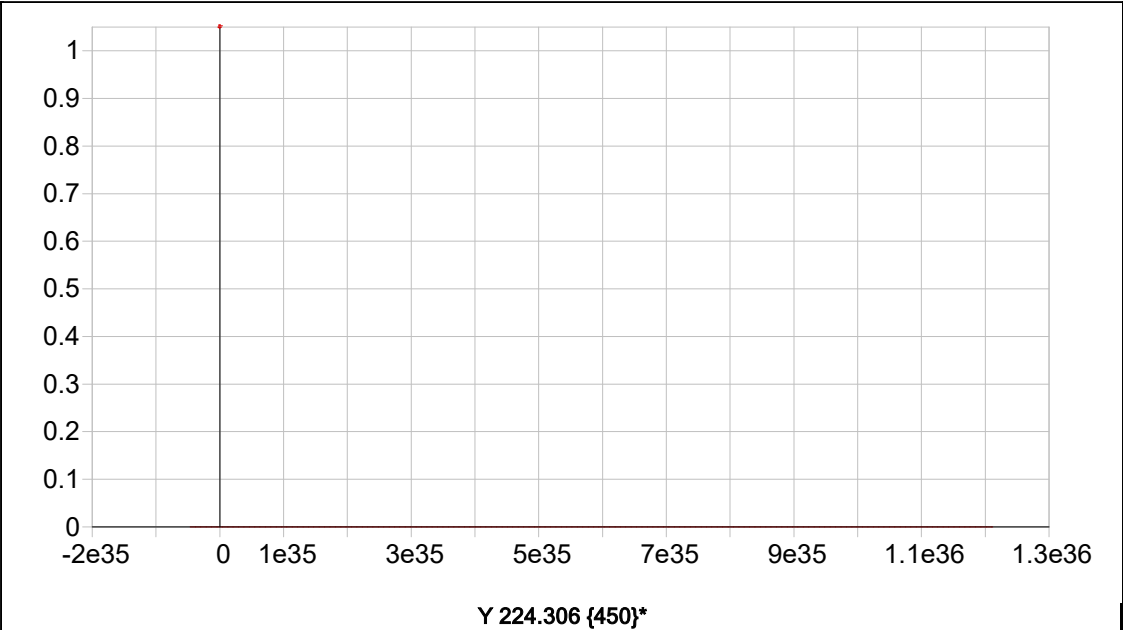






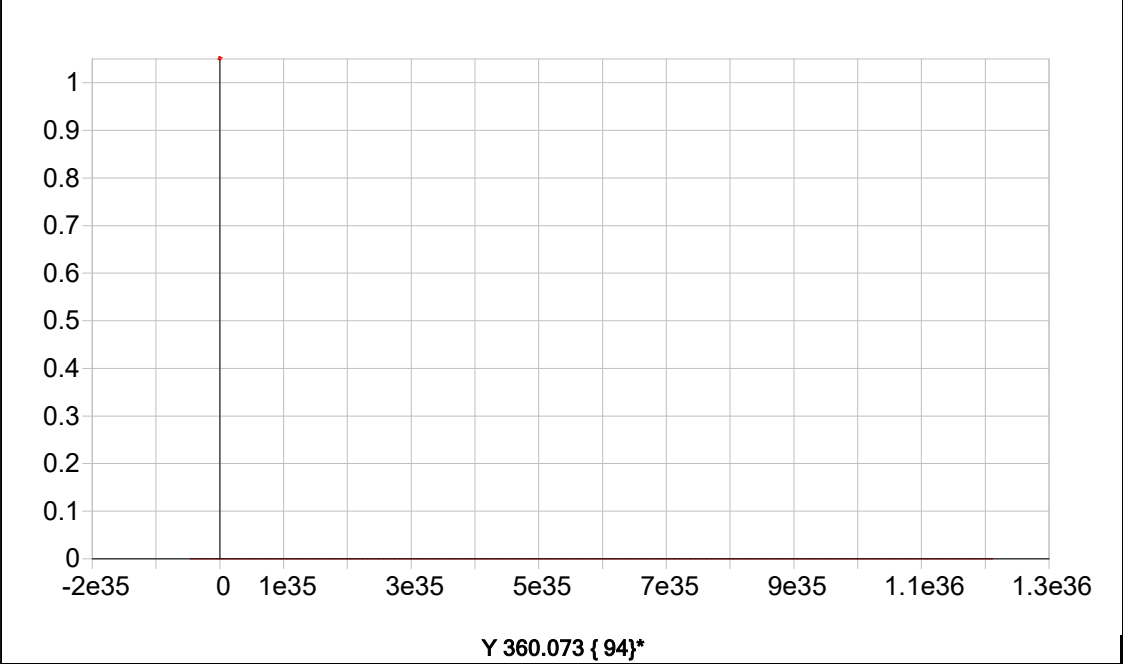




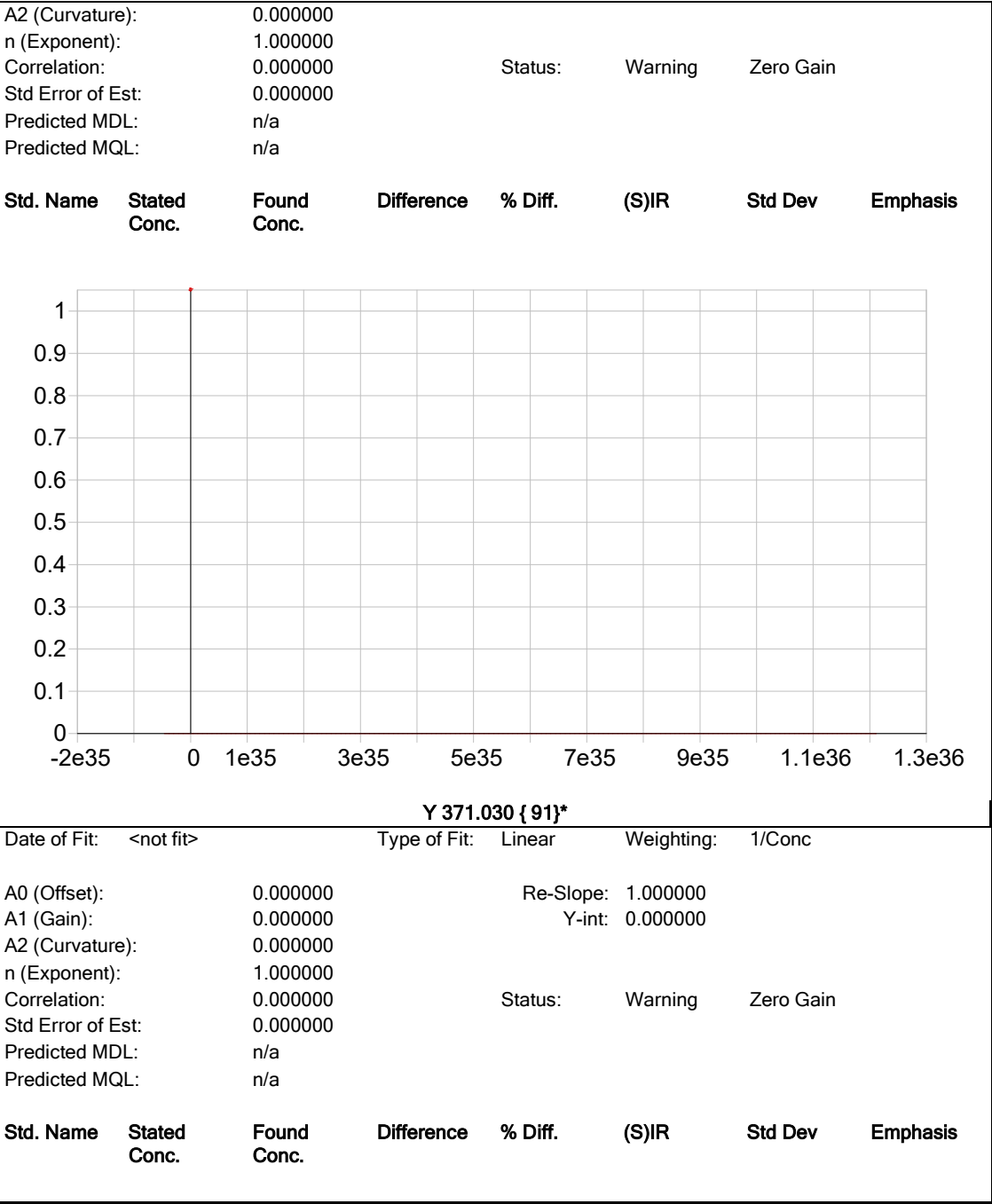


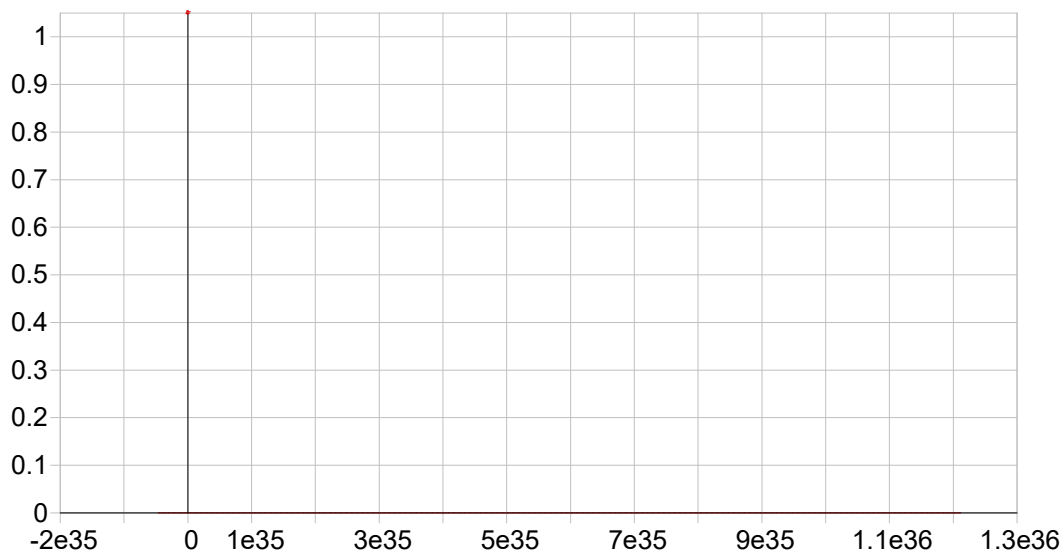
Date of Fit:	7/17/2025 3:00:43	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	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		



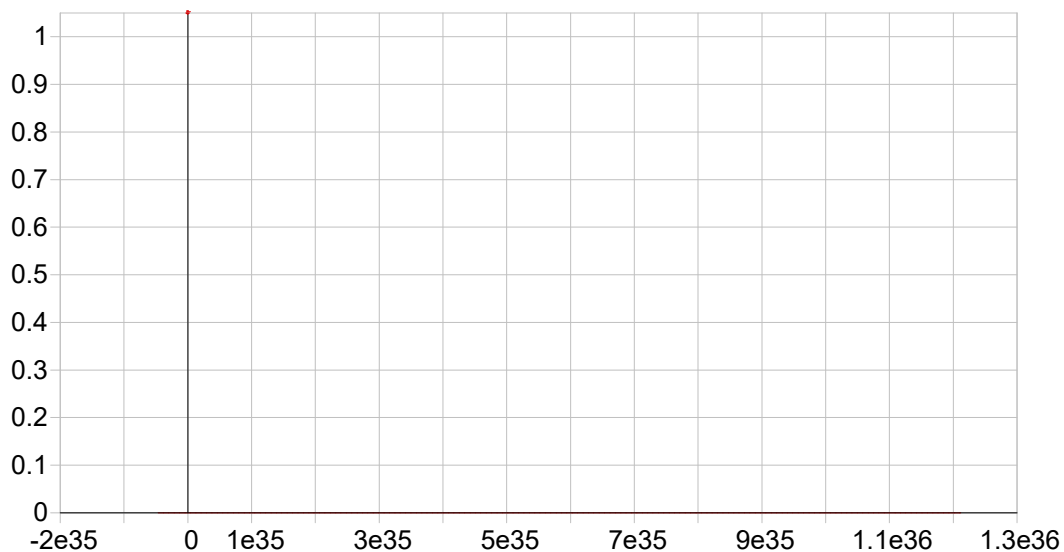


Y 224.306 {150}*

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
-----------	--------------	-------------	------------	---------	-------	---------	----------



In 230.606 {446}*

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

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

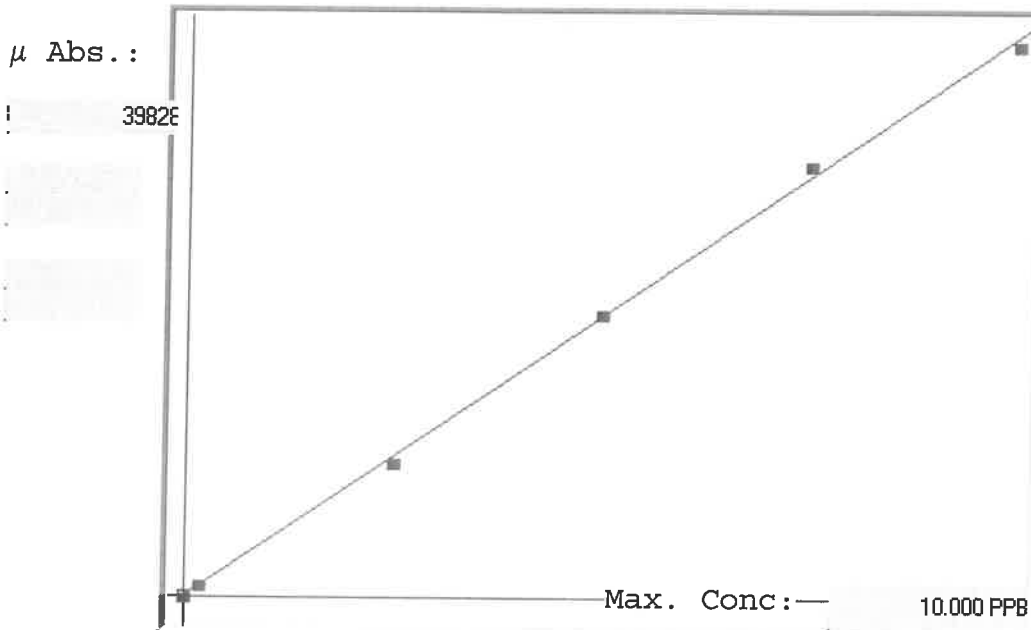
A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

LB136476

7470A

INSTRUMENT ID: CV1

Linear



A= 0.0000e+000

B= 2.4756e-004

C= -1.3138e-002

Rho= 0.9995155

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	0/0
0.0	0.000	0.002	0.002	62	0.000	62	0				
0.2	0.200	0.218	0.018	935	0.0 %	935					
2.5	2.500	2.389	-0.111	9703	0.0 %	9703					
5.0	5.000	5.040	0.040	20413	0.0 %	20413					
7.5	7.500	7.703	0.203	31170	0.0 %	31170					
10.0	10.000	9.847	-0.153	39828	0.0 %	39828					

0/0
1
9
-4
1
3
-2

LB136476 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 15 Jul 2025 10:41:48

Type	Sample ID	Extended ID	Conc.	µ Abs.	Units	Type	Std Conc	Method	Date
S	0.0 - 1	5.0	-	62	PPB	Std	0.0000	7470A	15 Jul 2025 11:46:56
S	0.2 - 1	5.2	-	935	PPB	Std	0.2000	7470A	15 Jul 2025 11:49:13
S	2.5 - 1	5.2	-	9703	PPB	Std	2.5000	7470A	15 Jul 2025 11:51:30
S	5.0 - 1	5.2	-	20413	PPB	Std	5.0000	7470A	15 Jul 2025 11:53:47
S	7.5 - 1	5.2	-	31170	PPB	Std	7.5000	7470A	15 Jul 2025 11:56:04
S	10.0 - 1	5.2	-	39828	PPB	Std	10.0000	7470A	15 Jul 2025 12:03:46
U	ICV27 - 1	ICV27	3.8137	15458	PPB	SMPL	-7470A		15 Jul 2025 12:06:37
U	ICB27 - 1	ICB27	-0.0565	-175	PPB	SMPL	-7470A		15 Jul 2025 12:08:53
U	CCV01 - 1	CCV01	5.3080	21494	PPB	SMPL	-7470A		15 Jul 2025 12:11:11
U	CCB01 - 1	CCB01	-0.0718	-237	PPB	SMPL	-7470A		15 Jul 2025 12:13:26
U	CRA - 1	CRA	0.2319	990	PPB	SMPL	-7470A		15 Jul 2025 12:21:13
U	HighStd - 1	HighStd	9.5544	38647	PPB	SMPL	-7470A		15 Jul 2025 12:23:28
U	ChkStd - 1	ChkStd	7.3929	29916	PPB	SMPL	-7470A		15 Jul 2025 12:25:43
U	PB168849BL - 1	PBW	-0.0092	16	PPB	SMPL	-7470A		15 Jul 2025 12:32:58
U	PB168849BS - 1	LCSW	4.0756	16516	PPB	SMPL	-7470A		15 Jul 2025 12:35:15
U	Q2561-07 - 1	AUD-25-0117	-0.0542	-166	PPB	SMPL	-7470A		15 Jul 2025 12:37:31
U	Q2565-06 - 1	MOO-25-0194-0195	-0.0374	-98	PPB	SMPL	-7470A		15 Jul 2025 12:39:51
U	Q2565-07 - 1	MOO-25-0191	-0.0159	-11	PPB	SMPL	-7470A		15 Jul 2025 12:42:07
U	Q2565-08 - 1	MOO-25-0196	-0.0045	35	PPB	SMPL	-7470A		15 Jul 2025 12:44:25
U	Q2565-09 - 1	MOO-25-0180	-0.0097	14	PPB	SMPL	-7470A		15 Jul 2025 12:46:40
U	CCV02 - 1	CCV02	5.1426	20826	PPB	SMPL	-7470A		15 Jul 2025 12:48:55
U	CCB02 - 1	CCB02	-0.0691	-226	PPB	SMPL	-7470A		15 Jul 2025 12:51:10
U	Q2571-04 - 1	TP-18	-0.0141	-4	PPB	SMPL	-7470A		15 Jul 2025 12:53:28
U	Q2571-08 - 1	TP-17	-0.0141	-4	PPB	SMPL	-7470A		15 Jul 2025 12:55:43
U	Q2578-03 - 1	WC-A5-01-C	-0.0074	23	PPB	SMPL	-7470A		15 Jul 2025 12:57:58
U	Q2578-07 - 1	WC-A2-09-C	0.0015	59	PPB	SMPL	-7470A		15 Jul 2025 13:00:14
U	Q2578-11 - 1	WC-A2-10-C	-0.0045	35	PPB	SMPL	-7470A		15 Jul 2025 13:02:29
U	Q2578-15 - 1	WC-A2-11-C	-0.0104	11	PPB	SMPL	-7470A		15 Jul 2025 13:04:46
U	Q2578-19 - 1	WC-A2-12-C	-0.0060	29	PPB	SMPL	-7470A		15 Jul 2025 13:07:02
U	Q2579-03 - 1	WC-A2-13-C	-0.0008	50	PPB	SMPL	-7470A		15 Jul 2025 13:09:19
U	Q2579-07 - 1	WC-A2-14-C	-0.0067	26	PPB	SMPL	-7470A		15 Jul 2025 13:11:36
U	Q2586-04 - 1	TP-16	-0.0035	39	PPB	SMPL	-7470A		15 Jul 2025 13:13:52
U	CCV03 - 1	CCV03	5.1604	20898	PPB	SMPL	-7470A		15 Jul 2025 13:16:07
U	CCB03 - 1	CCB03	-0.0629	-201	PPB	SMPL	-7470A		15 Jul 2025 13:18:24
U	Q2586-04DUP - 1	TP-16DUP	-0.0121	4	PPB	SMPL	-7470A		15 Jul 2025 13:20:41
U	Q2586-04MS - 1	TP-16MS	4.6920	19006	PPB	SMPL	-7470A		15 Jul 2025 13:22:57
U	Q2586-04MSD - 1	TP-16MSD	4.6779	18949	PPB	SMPL	-7470A		15 Jul 2025 13:25:13
U	PB168860BL - 1	PBW	-0.0706	-232	PPB	SMPL	-7470A		15 Jul 2025 13:27:30
U	PB168860BS - 1	LCSW	4.1476	16807	PPB	SMPL	-7470A		15 Jul 2025 13:32:33
U	Q2555-02 - 1	OU4-TS-29-070925	0.0250	154	PPB	SMPL	-7470A		15 Jul 2025 13:34:49
U	Q2555-02DUP - 1	OU4-TS-29-070925DUP	0.0223	143	PPB	SMPL	-7470A		15 Jul 2025 13:39:56
U	Q2555-02MS - 1	OU4-TS-29-070925MS	3.9481	16001	PPB	SMPL	-7470A		15 Jul 2025 13:47:19
U	Q2555-02MSD - 1	OU4-TS-29-070925MSD	4.1046	16633	PPB	SMPL	-7470A		15 Jul 2025 13:49:37
U	Q2555-04 - 1	OU4-TS-30-070925	-0.0250	-48	PPB	SMPL	-7470A		15 Jul 2025 13:50:54
U	CCV04 - 1	CCV04	4.7151	19099	PPB	SMPL	-7470A		15 Jul 2025 13:53:12
U	CCB04 - 1	CCB04	-0.0230	-40	PPB	SMPL	-7470A		15 Jul 2025 13:58:29
U	Q2558-02 - 1	OU4-TS-Denali-070925	0.0889	412	PPB	SMPL	-7470A		15 Jul 2025 14:00:44
U	Q2558-04 - 1	OU4-TS-Grillo-OG-070925	0.0849	396	PPB	SMPL	-7470A		15 Jul 2025 14:03:00
U	PB168803TB - 1	PB168803TB	-0.0181	-20	PPB	SMPL	-7470A		15 Jul 2025 14:09:19
U	PB168860TB - 1	PB168838TB	-0.0228	-39	PPB	SMPL	-7470A		15 Jul 2025 14:11:34
U	Q2586-04LX5 - 1		-0.0156	-10	PPB	SMPL	-7470A		15 Jul 2025 14:13:50
U	Q2586-04A - 1		4.2452	17201	PPB	SMPL	-7470A		15 Jul 2025 14:16:06
U	Q2555-02LX5 - 1		-0.0545	-167	PPB	SMPL	-7470A		15 Jul 2025 14:18:22
U	Q2555-02A - 1		3.8528	15616	PPB	SMPL	-7470A		15 Jul 2025 14:20:41
U	CCV05 - 1	CCV05	4.8180	19515	PPB	SMPL	-7470A		15 Jul 2025 14:22:59
U	CCB05 - 1	CCB05	-0.0364	-94	PPB	SMPL	-7470A		15 Jul 2025 14:27:47

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 07/15/2025 Time : 12:20 Temp : 96 °C

End Digest Date: 07/15/2025 Time : 15:25 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SLB*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

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

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

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/15/25	<i>SLB, met. dig</i>	<i>[Signature] (met. dig)</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168803TB	PB168803TB	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	20
PB168857BL	PBW857	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	21
PB168857BS	LCS857	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	22
Q2561-07	AUD-25-0117	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	23
Q2565-06	MOO-25-0194-0195	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	24
Q2565-07	MOO-25-0191	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	25
Q2565-08	MOO-25-0196	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	26
Q2565-09	MOO-25-0180	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	27
Q2571-04	TP-18	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	28
Q2571-08	TP-17	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	29
Q2578-03	WC-A5-01-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	30
Q2578-07	WC-A2-09-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	31
Q2578-11	WC-A2-10-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	32
Q2578-15	WC-A2-11-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	33
Q2578-19	WC-A2-12-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	34
Q2579-03	WC-A2-13-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	35
Q2579-07	WC-A2-14-C	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	36
Q2586-04	TP-16	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	37
Q2586-04MS	TP-16MS	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	39
Q2586-04MSD	TP-16MSD	<2	5	25	Colorless	Colorless	Clear	Clear	M6007,M6015	40
Q2586-04DUP	TP-16DUP	<2	5	25	Colorless	Colorless	Clear	Clear	N/A	38

TCLP EXTRACTION LOGPAGE

PB168803

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168803TB	LEB803	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2561-07	AUD-25-0117	01	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2565-06	MOO-25-0194-0195	02	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2565-07	MOO-25-0191	03	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2565-08	MOO-25-0196	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2565-09	MOO-25-0180	05	100.04	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2571-04	TP-18	06	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2571-08	TP-17	07	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2578-03	WC-A5-01-C	08	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-07	WC-A2-09-C	09	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-1
Q2578-11	WC-A2-10-C	10	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-15	WC-A2-11-C	11	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
Q2578-19	WC-A2-12-C	12	100.04	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2579-03	WC-A2-13-C	13	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2579-07	WC-A2-14-C	14	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2586-04	TP-16	15	100.01	2000	N/A	N/A	N/A	7.2	1.5	T-2

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 07/15/2025 Time : 08:40 Temp : 94 °C

End Digest Date: 07/15/2025 Time : 10:40 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: N

Temp : 1. 94°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86378
CCV	30mL	MP86380
CRA	30mL	MP86382
Blank Spike	0.48mL	MP86371
Matrix Spike	0.48mL	MP86371

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

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP86372
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86373
2.5 ppb	S2.5	30mL	MP86374
5.0 ppb	S5.0	30mL	MP86375
7.5 ppb	S7.5	30mL	MP86376
10.0 ppb	S10.0	30mL	MP86377
ICV	ICV	30mL	MP86378
ICB	ICB	30mL	MP86345
CCV	CCV	30mL	MP86380
CCB	CCB	30mL	MP86381
CRI	CRI	30mL	MP86382
CHK STD	CHK STD	30mL	MP86383

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/15/25 11:25	MB - DIG Lab	MB - metal Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168803TB	PB168803TB	3	30	<2	N/A	3-1
PB168849BL	PBW849	30	30	<2	N/A	2
PB168849BS	LCS849	30	30	<2	MP86371	3
Q2561-07	AUD-25-0117	3	30	<2	N/A	4
Q2565-06	MOO-25-0194-0195	3	30	<2	N/A	5
Q2565-07	MOO-25-0191	3	30	<2	N/A	6
Q2565-08	MOO-25-0196	3	30	<2	N/A	7
Q2565-09	MOO-25-0180	3	30	<2	N/A	8
Q2571-04	TP-18	3	30	<2	N/A	9
Q2571-08	TP-17	3	30	<2	N/A	10
Q2578-03	WC-A5-01-C	3	30	<2	N/A	11
Q2578-07	WC-A2-09-C	3	30	<2	N/A	12
Q2578-11	WC-A2-10-C	3	30	<2	N/A	13
Q2578-15	WC-A2-11-C	3	30	<2	N/A	14
Q2578-19	WC-A2-12-C	3	30	<2	N/A	15
Q2579-03	WC-A2-13-C	3	30	<2	N/A	16
Q2579-07	WC-A2-14-C	3	30	<2	N/A	17
Q2586-04DUP	TP-16DUP	3	30	<2	N/A	19
Q2586-04MS	TP-16MS	3	30	<2	MP86371	20
Q2586-04MSD	TP-16MSD	3	30	<2	MP86371	21
Q2586-04	TP-16	3	30	<2	N/A	18

SOP ID : M1311-TCLP-16

SDG No : N/A

Weight By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 07/11/2025 Time : 16:30

End Prep Date : 07/12/2025 Time : 10:35

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

Supervisor By : *JP*

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. Particle size reduction is not required. q2586-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/11/25 10:00	<i>JP</i> / <i>1C-1A00m</i>	<i>JP</i> / <i>1Ext</i>
	Preparation Group	Analysis Group

met by

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136476

Review By	MOHAN	Review On	7/17/2025 1:46:12 PM
Supervise By	jaswal	Supervise On	7/17/2025 10:58:46 PM

STD. NAME	STD REF.#
ICAL Standard	MP86372,MP86373,MP86374,MP86375,MP86376,MP86377
ICV Standard	MP86378
CCV Standard	MP86380
ICSA Standard	
CRI Standard	MP86382
LCS Standard	
Chk Standard	MP86379,MP86381,MP86383,MP86385

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/15/25 11:46		MOHAN	OK
2	S0.2	S0.2	CAL2	07/15/25 11:49		MOHAN	OK
3	S2.5	S2.5	CAL3	07/15/25 11:51		MOHAN	OK
4	S5	S5	CAL4	07/15/25 11:53		MOHAN	OK
5	S7.5	S7.5	CAL5	07/15/25 11:56		MOHAN	OK
6	S10	S10	CAL6	07/15/25 12:03		MOHAN	OK
7	ICV27	ICV27	ICV	07/15/25 12:06		MOHAN	OK
8	ICB27	ICB27	ICB	07/15/25 12:08		MOHAN	OK
9	CCV01	CCV01	CCV	07/15/25 12:11		MOHAN	OK
10	CCB01	CCB01	CCB	07/15/25 12:13		MOHAN	OK
11	CRA	CRA	CRDL	07/15/25 12:21		MOHAN	OK
12	HighStd	HighStd	HIGH STD	07/15/25 12:23		MOHAN	OK
13	ChkStd	ChkStd	SAM	07/15/25 12:25		MOHAN	OK
14	PB168849BL	PB168849BL	MB	07/15/25 12:32		MOHAN	OK
15	PB168849BS	PB168849BS	LCS	07/15/25 12:35		MOHAN	OK
16	Q2561-07	AUD-25-0117	SAM	07/15/25 12:37		MOHAN	OK
17	Q2565-06	MOO-25-0194-0195	SAM	07/15/25 12:39		MOHAN	OK
18	Q2565-07	MOO-25-0191	SAM	07/15/25 12:42		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136476

Review By	MOHAN	Review On	7/17/2025 1:46:12 PM
Supervise By	jaswal	Supervise On	7/17/2025 10:58:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86372,MP86373,MP86374,MP86375,MP86376,MP86377		
ICV Standard	MP86378		
CCV Standard	MP86380		
ICSA Standard			
CRI Standard	MP86382		
LCS Standard			
Chk Standard	MP86379,MP86381,MP86383,MP86385		

19	Q2565-08	MOO-25-0196	SAM	07/15/25 12:44		MOHAN	OK
20	Q2565-09	MOO-25-0180	SAM	07/15/25 12:46		MOHAN	OK
21	CCV02	CCV02	CCV	07/15/25 12:48		MOHAN	OK
22	CCB02	CCB02	CCB	07/15/25 12:51		MOHAN	OK
23	Q2571-04	TP-18	SAM	07/15/25 12:53		MOHAN	OK
24	Q2571-08	TP-17	SAM	07/15/25 12:55		MOHAN	OK
25	Q2578-03	WC-A5-01-C	SAM	07/15/25 12:57		MOHAN	OK
26	Q2578-07	WC-A2-09-C	SAM	07/15/25 13:00		MOHAN	OK
27	Q2578-11	WC-A2-10-C	SAM	07/15/25 13:02		MOHAN	OK
28	Q2578-15	WC-A2-11-C	SAM	07/15/25 13:04		MOHAN	OK
29	Q2578-19	WC-A2-12-C	SAM	07/15/25 13:07		MOHAN	OK
30	Q2579-03	WC-A2-13-C	SAM	07/15/25 13:09		MOHAN	OK
31	Q2579-07	WC-A2-14-C	SAM	07/15/25 13:11		MOHAN	OK
32	Q2586-04	TP-16	SAM	07/15/25 13:13		MOHAN	OK
33	CCV03	CCV03	CCV	07/15/25 13:16		MOHAN	OK
34	CCB03	CCB03	CCB	07/15/25 13:18		MOHAN	OK
35	Q2586-04DUP	TP-16DUP	DUP	07/15/25 13:20		MOHAN	OK
36	Q2586-04MS	TP-16MS	MS	07/15/25 13:22		MOHAN	OK
37	Q2586-04MSD	TP-16MSD	MSD	07/15/25 13:25		MOHAN	OK
38	PB168860BL	PB168860BL	MB	07/15/25 13:27		MOHAN	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB136476

Review By	MOHAN	Review On	7/17/2025 1:46:12 PM
Supervise By	jaswal	Supervise On	7/17/2025 10:58:46 PM
STD. NAME	STD REF.#		
ICAL Standard	MP86372,MP86373,MP86374,MP86375,MP86376,MP86377		
ICV Standard	MP86378		
CCV Standard	MP86380		
ICSA Standard			
CRI Standard	MP86382		
LCS Standard			
Chk Standard	MP86379,MP86381,MP86383,MP86385		

39	PB168860BS	PB168860BS	LCS	07/15/25 13:32		MOHAN	OK
40	Q2555-02	OU4-TS-29-070925	SAM	07/15/25 13:34		MOHAN	OK
41	Q2555-02DUP	OU4-TS-29-070925D	DUP	07/15/25 13:39		MOHAN	OK
42	Q2555-02MS	OU4-TS-29-070925M	MS	07/15/25 13:47		MOHAN	OK
43	Q2555-02MSD	OU4-TS-29-070925M	MSD	07/15/25 13:49		MOHAN	OK
44	Q2555-04	OU4-TS-30-070925	SAM	07/15/25 13:50		MOHAN	OK
45	CCV04	CCV04	CCV	07/15/25 13:53		MOHAN	OK
46	CCB04	CCB04	CCB	07/15/25 13:58		MOHAN	OK
47	Q2558-02	OU4-TS-Denali-07092	SAM	07/15/25 14:00		MOHAN	OK
48	Q2558-04	OU4-TS-Grillo-OG-07	SAM	07/15/25 14:03		MOHAN	OK
49	PB168803TB	PB168803TB	MB	07/15/25 14:09		MOHAN	OK
50	PB168860TB	PB168860TB	MB	07/15/25 14:11		MOHAN	OK
51	Q2586-04L	TP-16L	SD	07/15/25 14:13		MOHAN	OK
52	Q2586-04A	TP-16A	PS	07/15/25 14:16		MOHAN	OK
53	Q2555-02L	OU4-TS-29-070925L	SD	07/15/25 14:18		MOHAN	OK
54	Q2555-02A	OU4-TS-29-070925A	PS	07/15/25 14:20		MOHAN	OK
55	CCV05	CCV05	CCV	07/15/25 14:22		MOHAN	OK
56	CCB05	CCB05	CCB	07/15/25 14:27		MOHAN	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136511

Review By	Janvi	Review On	7/17/2025 4:59:13 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	07/16/25 12:55		Jaswal	OK
2	S1	S1	CAL2	07/16/25 13:00		Jaswal	OK
3	S2	S2	CAL3	07/16/25 13:04		Jaswal	OK
4	S3	S3	CAL4	07/16/25 13:08		Jaswal	OK
5	S4	S4	CAL5	07/16/25 13:12		Jaswal	OK
6	S5	S5	CAL6	07/16/25 13:16		Jaswal	OK
7	ICV01	ICV01	ICV	07/16/25 13:21	ICV fail for Pb,Na (200.7) (95-105)	Jaswal	OK
8	LLICV01	LLICV01	LLICV	07/16/25 13:53		Jaswal	OK
9	ICB01	ICB01	ICB	07/16/25 14:11		Jaswal	OK
10	CRI01	CRI01	CRDL	07/16/25 14:22		Jaswal	OK
11	ICSA01	ICSA01	ICSA	07/16/25 14:26		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	07/16/25 14:38		Jaswal	OK
13	ICSADL	ICSADL	ICSA	07/16/25 14:43		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	07/16/25 14:47		Jaswal	OK
15	CCV01	CCV01	CCV	07/16/25 14:53		Jaswal	OK
16	CCB01	CCB01	CCB	07/16/25 14:57		Jaswal	OK
17	PB168761TB	PB168761TB	MB	07/16/25 15:01		Jaswal	OK
18	PB168728TB	PB168728TB	MB	07/16/25 15:08		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136511

Review By	Janvi	Review On	7/17/2025 4:59:13 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

19	Q2489-08	G1(6-12)	SAM	07/16/25 15:13		Jaswal	OK
20	Q2489-08DUP	G1(6-12)DUP	DUP	07/16/25 15:17		Jaswal	OK
21	Q2489-08L	G1(6-12)L	SD	07/16/25 15:22		Jaswal	OK
22	Q2489-08MS	G1(6-12)MS	MS	07/16/25 15:26		Jaswal	OK
23	Q2489-08MSD	G1(6-12)MSD	MSD	07/16/25 15:30		Jaswal	OK
24	Q2489-08A	G1(6-12)A	PS	07/16/25 15:34	0.1ml of M6004,M6013 in 10ml sample.	Jaswal	OK
25	CCV02	CCV02	CCV	07/16/25 15:39		Jaswal	OK
26	CCB02	CCB02	CCB	07/16/25 15:43		Jaswal	OK
27	Q2593-02	002 35th AVE (MAY)	SAM	07/16/25 15:48		Jaswal	OK
28	Q2593-02DUP	002 35th AVE (MAY)D	DUP	07/16/25 15:57		Jaswal	OK
29	Q2593-02L	002 35th AVE (MAY)L	SD	07/16/25 16:01		Jaswal	OK
30	Q2593-02MS	002 35th AVE (MAY)M	MS	07/16/25 16:05		Jaswal	OK
31	Q2593-02MSD	002 35th AVE (MAY)M	MSD	07/16/25 16:09		Jaswal	OK
32	Q2593-02A	002 35th AVE (MAY)A	PS	07/16/25 16:13	0.1ml of M6004,M6013 in 10ml sample.	Jaswal	OK
33	PB168843BL	PB168843BL	MB	07/16/25 16:17		Jaswal	OK
34	PB168843BS	PB168843BS	LCS	07/16/25 16:21		Jaswal	OK
35	CCV03	CCV03	CCV	07/16/25 16:25		Jaswal	OK
36	CCB03	CCB03	CCB	07/16/25 16:30		Jaswal	OK
37	Q2578-03	WC-A5-01-C	SAM	07/16/25 16:46		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136511

Review By	Janvi	Review On	7/17/2025 4:59:13 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

38	Q2578-07	WC-A2-09-C	SAM	07/16/25 16:50		Jaswal	OK
39	Q2578-11	WC-A2-10-C	SAM	07/16/25 16:54		Jaswal	OK
40	Q2578-15	WC-A2-11-C	SAM	07/16/25 16:59		Jaswal	OK
41	Q2578-19	WC-A2-12-C	SAM	07/16/25 17:05		Jaswal	OK
42	Q2579-03	WC-A2-13-C	SAM	07/16/25 17:10		Jaswal	OK
43	Q2579-07	WC-A2-14-C	SAM	07/16/25 17:14		Jaswal	OK
44	PB168803TB	PB168803TB	MB	07/16/25 17:18		Jaswal	OK
45	Q2561-07	AUD-25-0117	SAM	07/16/25 17:23		Jaswal	OK
46	Q2565-06	MOO-25-0194-0195	SAM	07/16/25 17:27		Jaswal	OK
47	CCV04	CCV04	CCV	07/16/25 17:32		Jaswal	OK
48	CCB04	CCB04	CCB	07/16/25 17:40		Jaswal	OK
49	Q2565-07	MOO-25-0191	SAM	07/16/25 17:44		Jaswal	OK
50	Q2565-08	MOO-25-0196	SAM	07/16/25 17:49		Jaswal	OK
51	Q2565-09	MOO-25-0180	SAM	07/16/25 17:53		Jaswal	OK
52	Q2571-04	TP-18	SAM	07/16/25 17:58		Jaswal	OK
53	Q2571-08	TP-17	SAM	07/16/25 18:02		Jaswal	OK
54	Q2586-04	TP-16	SAM	07/16/25 18:06		Jaswal	OK
55	Q2586-04DUP	TP-16DUP	DUP	07/16/25 18:11		Jaswal	OK
56	Q2586-04L	TP-16L	SD	07/16/25 18:15		Jaswal	OK
57	Q2586-04MS	TP-16MS	MS	07/16/25 18:20		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB136511

Review By	Janvi	Review On	7/17/2025 4:59:13 PM
Supervise By		Supervise On	
STD. NAME	STD REF.#		
ICAL Standard	MP86192,MP86193,MP86194,MP86195,MP86196,MP86212		
ICV Standard	MP86213		
CCV Standard	MP86216		
ICSA Standard	MP86214,MP86215		
CRI Standard	MP86212		
LCS Standard			
Chk Standard	MP86217,MP86218		

58	Q2586-04MSD	TP-16MSD	MSD	07/16/25 18:24		Jaswal	OK
59	CCV05	CCV05	CCV	07/16/25 18:28		Jaswal	OK
60	CCB05	CCB05	CCB	07/16/25 18:35		Jaswal	OK
61	Q2586-04A	TP-16A	PS	07/16/25 18:39	0.1ml of M6004,M6013 in 10ml sample.	Jaswal	OK
62	PB168857BL	PB168857BL	MB	07/16/25 18:43		Jaswal	OK
63	PB168857BS	PB168857BS	LCS	07/16/25 18:47		Jaswal	OK
64	CCV06	CCV06	CCV	07/16/25 18:51		Jaswal	OK
65	CCB06	CCB06	CCB	07/16/25 18:56		Jaswal	OK

SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 07/11/2025 Time : 16:30
Weigh By :	JP	End Prep Date : 07/12/2025 Time : 10:35
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : N/A <i>JP</i>
Extraction By :	JP	Initial Room Temperature: 24 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : <i>JP</i>
Tumbler ID :	T-1 / T-2	Supervisor By : <i>JP</i>
TCLP Filter ID :	115525	

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. Particle size reduction is not required. q2586-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/11/25 10:00	<i>JP</i> <i>IC-1000m</i>	<i>JP</i> <i>IC</i> <i>1E-1</i>
	Preparation Group	Analysis Group <i>104 day</i>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168803TB	LEB803	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2561-07	AUD-25-0117	01	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2565-06	MOO-25-0194-0195	02	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2565-07	MOO-25-0191	03	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2565-08	MOO-25-0196	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2565-09	MOO-25-0180	05	100.04	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2571-04	TP-18	06	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2571-08	TP-17	07	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2578-03	WC-A5-01-C	08	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-07	WC-A2-09-C	09	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-1
Q2578-11	WC-A2-10-C	10	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2578-15	WC-A2-11-C	11	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-2
Q2578-19	WC-A2-12-C	12	100.04	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2579-03	WC-A2-13-C	13	100.03	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2579-07	WC-A2-14-C	14	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-2
Q2586-04	TP-16	15	100.01	2000	N/A	N/A	N/A	7.2	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168803TB	LEB803	N/A	N/A	N/A	N/A	N/A	N/A
Q2561-07	AUD-25-0117	N/A	N/A	N/A	N/A	100	N/A
Q2565-06	MOO-25-0194-0195	N/A	N/A	N/A	N/A	100	N/A
Q2565-07	MOO-25-0191	N/A	N/A	N/A	N/A	100	N/A
Q2565-08	MOO-25-0196	N/A	N/A	N/A	N/A	100	N/A
Q2565-09	MOO-25-0180	N/A	N/A	N/A	N/A	100	N/A
Q2571-04	TP-18	N/A	N/A	N/A	N/A	100	N/A
Q2571-08	TP-17	N/A	N/A	N/A	N/A	100	N/A
Q2578-03	WC-A5-01-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-07	WC-A2-09-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-11	WC-A2-10-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-15	WC-A2-11-C	N/A	N/A	N/A	N/A	100	N/A
Q2578-19	WC-A2-12-C	N/A	N/A	N/A	N/A	100	N/A
Q2579-03	WC-A2-13-C	N/A	N/A	N/A	N/A	100	N/A
Q2579-07	WC-A2-14-C	N/A	N/A	N/A	N/A	100	N/A
Q2586-04	TP-16	N/A	N/A	N/A	N/A	100	N/A

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

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168803TB	LEB803	N/A	N/A	N/A	N/A	#1	4.94
Q2561-07	AUD-25-0117	5.02	96.5	9.3	4.0	#1	4.94
Q2565-06	MOO-25-0194-0195	5.03	96.5	5.5	1.5	#1	4.94
Q2565-07	MOO-25-0191	5.02	96.5	6.0	2.0	#1	4.94
Q2565-08	MOO-25-0196	5.03	96.5	6.4	2.0	#1	4.94
Q2565-09	MOO-25-0180	5.02	96.5	6.6	2.5	#1	4.94
Q2571-04	TP-18	5.01	96.5	9.2	4.0	#1	4.94
Q2571-08	TP-17	5.02	96.5	9.0	4.0	#1	4.94
Q2578-03	WC-A5-01-C	5.02	96.5	11.5	4.5	#1	4.94
Q2578-07	WC-A2-09-C	5.03	96.5	11.0	4.0	#1	4.94
Q2578-11	WC-A2-10-C	5.02	96.5	11.5	4.5	#1	4.94
Q2578-15	WC-A2-11-C	5.01	96.5	11.5	4.5	#1	4.94
Q2578-19	WC-A2-12-C	5.02	96.5	12.0	4.5	#1	4.94
Q2579-03	WC-A2-13-C	5.03	96.5	11.5	4.0	#1	4.94
Q2579-07	WC-A2-14-C	5.04	96.5	12.0	4.5	#1	4.94
Q2586-04	TP-16	5.03	96.5	9.1	4.0	#1	4.94



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 2579

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH *	I/C/R	PCBs	Oil & Grease
1	2	3	4	5	6	7	8	9

* For TCLP pH -
include preparatory
information for TCLP
leachate

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*

HARD COPY: 3 DAYS*

EDD 3 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	
1.	WC-A2-13-G	Soil		X	7/10	12:00	1	X									
2.	WC-A2-13-C	Soil	X		7/10	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A2-14-G	Soil		X	7/10	12:00	1	X									
4.	WC-A2-14-C	Soil	X		7/10	12:00	11		X	X	X	X	X	X	X	X	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 7/10/25 1350	RECEIVED BY 	1350 7-10-25	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp. 41.4° ☐ Ice in Cooler?:
RELINQUISHED BY	DATE/TIME	RECEIVED BY		Comments:
2.				
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY		
3.	7-10-25 1520			

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2579

COC Number: 2042113

Page 2 of 2

CLIENT INFORMATION			PROJECT INFORMATION					BILLING INFORMATION													
COMPANY: ENTACT, LLC			PROJECT NAME: 540 Degraw St Brooklyn, NY					BILL TO: ENTACT, LLC PO# E9309													
ADDRESS: 150 Bay Street, Suite 806			PROJECT #: E9309 LOCATION: Brooklyn, NY					ADDRESS: 999 Oakmont Plaza Drive, Suite 300													
CITY Jersey City STATE: NJ ZIP: 07302			PROJECT MANAGER: Austin Farmerie					CITY: Westmont STATE: IL ZIP: 60559													
ATTENTION: Austin Farmerie			E-MAIL: afarmerie@entact.com					ATTENTION: Wendy Murray PHONE: 800-936-8228													
PHONE: 412-716-1366 FAX:			PHONE: 412-716-1366 FAX:																		
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION					ANALYSIS													
FAX: 3 DAYS*			☐ RESEULTS ONLY ☐ USEPA CLP					ASTM COD ASTM Ammonia Nitrogen ASTM O&G ASTM TS TS, TVS pH (9045D) Paint Filter													
HARD COPY: 3 DAYS*			☐ RESULTS + QC ☐ New York State ASP "B"																		
EDD 3 DAYS*			☐ New Jersey REDUCED ☐ New York State ASP "A"																		
* TO BE APPROVED BY ALLIANCE			☐ New Jersey CLP ☐ Other																		
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS			☐ EDD Format																		
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES										COMMENTS			
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	E				
1.	WC-A2-13-G	Soil		X	7/10	12:00	1													<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other	
2.	WC-A2-13-C	Soil	X		7/10	12:00	11	X	X	X	X	X	X	X	X						
3.	WC-A2-14-G	Soil		X	7/10	12:00	1														
4.	WC-A2-14-C	Soil	X		7/10	12:00	11	X	X	X	X	X	X	X	X						
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY.																					
RELINQUISHED BY SAMPLER		DATE/TIME	RECEIVED BY		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.4°C																
1. Austin Farmerie		7/10/25	1350		Comments:																
RELINQUISHED BY		DATE/TIME	RECEIVED BY																		
2.			2.																		
RELINQUISHED BY		DATE/TIME	RECEIVED FOR LAB BY		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight																
3.		7-10-25	3.		ALLIANCE: ☐ Picked Up ☐ Overnight																
					Shipment Complete ☐ YES ☐ NO																

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

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